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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

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4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

5 + + + + +

6 WEDNESDAY

7 APRIL 6, 2011

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(CONFERENCE CALL INITIATED)

RECORDED VOICE: There are currently 14 participants in your conference. The following people are in the conference.

ANNA BRADFORD (PHONETIC): Anna Bradford (phonetic), (inaudible) office.

REBECCA SADICIK (PHONETIC): Rebecca Sadicik (phonetic), Commissioner Magwood's office.

LINDA HOWELL (PHONETIC): Linda Howell, Region 4.

MIKE CRANOVICH (PHONETIC): Mike Cranovich, Commissioner Ostendorff's office.

STEVEN BAGGETT (PHONETIC): Steven Baggett (phonetic), Commissioner Apostolakis' office.

MALE PARTICIPANT: Headquarters Operation officer.

BRIAN HARRIS (PHONETIC): Brian Harris (phonetic), OGC.

JOHN CARUSO (PHONETIC): John Caruso, duty officer, Region 1.

BOB DALY (PHONETIC): Bob Daly (phonetic), Region 3 duty officer.

MALE PARTICIPANT: (Inaudible), Commissioner Svinicki's office.

MALE PARTICIPANT: (Inaudible).

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1 AMY POWELL (PHONETIC): Amy Powell
2 (phonetic), congressional affairs.

3 BRIAN BOSSER (PHONETIC): Brian Bosser
4 (phonetic), Region 2.

5 RECORDED VOICE: Roster playback is
6 complete.

7 JIM WILLIAMS (PHONETIC): All right. Good
8 morning. This is Jim Williams (phonetic), the ET
9 director for this morning. Let's start off briefly on
10 the plant, not spending a lot of time since you have
11 access through the updates. One item that should be
12 of interest is the inerting of Unit 1. We're trying
13 to run down the exact status of that. The plant
14 conditions or the plans were that we expected TEPCO to
15 inert or begin work to inert the Unit 1 dry well
16 somewhere between 6 and 8 p.m. Japan time, so that's,
17 appreciably, five or six hours ago. But we haven't
18 had confirmation, so we're still trying to figure out
19 if it's actually happening.

20 That would be a helpful activity
21 consistent with our assessment that the facility's
22 consistence with the vent (inaudible) process that is
23 the subject of a paper we're currently working on.
24 The staff is still focused on Unit 1 with the idea of
25 filling the vessel and filling the dry well in order

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1 to reduce the possibility of a lower head failure.
2 That's probably the biggest issue on plant status. We
3 do hear (indiscernible, possibly "price") reports
4 about doing some ceiling in the so-called trench, but
5 we did know from an overlap a couple of days that the
6 licensee was intentionally releasing lower level water
7 out of their, principally in their (indiscernible,
8 possibly "ragway") system in order to make room for
9 some of the high level stuff. That, presumably, is
10 still occurring.

11 The RST (phonetic) or the response team is
12 still working on some questions in support of the site
13 team. The site asked that we work up a suitable
14 definition of stable for stable conditions. That's
15 working through the day. Hopefully, we might be able
16 to get that settled during the mid-shift this evening.

17 Also, we constructed a fill-in vent paper
18 looking at the relative merits of putting attention
19 towards filling and venting, particularly in Unit 1.
20 And we're awaiting comments from the various
21 governmental stakeholders and others in the grand
22 scheme of things. We've been getting comments from
23 industry also through GE Hitachi on some of the prior
24 efforts. That's all in support of the site team. We
25 also have a spent fuel pool assessment paper that's

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1 out for comment also.

2 We have several phone calls that are going
3 to come up that today. Later this afternoon, there's
4 another in a series of what's known as the IPC call.
5 That's out of the national security staff of the White
6 House. This is a call that, typically, ET directors
7 are sitting on for the agency. They just go over at a
8 high level status of various activities and where
9 things are with respect to actions that have been
10 directed by a similar call that's called the deputies
11 meeting that the Chairman has sat in on.

12 We also have a call this evening with our
13 friends at (indiscernible, possibly "TACOM"). It's a
14 technical phone call that's happening at 5:00 tonight
15 our time. We got word from the site team,
16 (indiscernible, possibly "shotgun") and Elmo, that the
17 U.S. forces in the Pacific command have a number of
18 questions. They're a lot more technical in nature
19 than protective measures. We have a person that could
20 handle protective measures, and those assessment
21 (inaudible) we have one embedded in the
22 (indiscernible, possibly "PAYCOF") (indiscernible,
23 possibly "skip") that's been (inaudible). But we got
24 word from the site team that they're getting a
25 relatively large quantity of technical issues that

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1 we're taking it on because it would otherwise divert
2 the site team from what they really need to do:
3 working with the Japanese. So we're trying to resolve
4 the TACOM (phonetic) questions here. We had a call
5 tonight, or this evening rather, to try to see if we
6 could get some of these things settled and trying to
7 get a list of the questions beforehand so we're
8 prepared to try to disposition it as best we can. So
9 that's a project that our guys will be working through
10 the day today.

11 Scott Vernell (phonetic) from public
12 affairs stuff (inaudible) made sure we knew that the
13 New York Times is running an article that strongly
14 suggests that they've been provided a copy of what I
15 guess you can call RST assessment, the initial one,
16 not rev 1. It's kind of an overall assessment of the
17 conditions at the facility. It was done several weeks
18 ago at this point. Obviously, there's been some type
19 of a leak, but, you know, the document is labeled OUO,
20 but the New York Times managed to get it anyway..

21 Scott would advise that it does, you know,
22 reflect the conditions that existed. The document
23 itself, the RST assessment, essentially discusses we
24 knew that the conditions existed at the time we issued
25 it. There has been some changes at the facility,

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1 obviously, so it doesn't reflect the most up-to-date
2 assessment. We're trying to figure out how to deal
3 with this New York Times article. Should we update
4 them? What should we do with the RST assessment
5 revision 1? And that's being discussed now at our
6 management level up at the 17th floor with
7 (indiscernible, possibly "Dominic"). I guess more to
8 come on that.

9 And I think that's -- there's a hearing
10 underway now, as I'm sure you know. We managed to tap
11 into a website, so we're kind of monitoring it, as
12 Marty is on the hot seat right now testifying. In the
13 10 or 15 minutes that we were tuning in,
14 (indiscernible, possibly "sorka") seems to be a big
15 player in this, at least from the minority side in the
16 House, you know, a lot of sorka (phonetic) related
17 questions. But we're listening in to see if we get a,
18 you know, an idea of what we might have to deal with
19 in the future.

20 I'll also make sure you understand that
21 we, I think you probably know this, the agency is
22 getting a number, a myriad of FOIAs about the Japanese
23 event. We think we have an ability to -- we've been
24 saving all the documents that we have associated with
25 the event response. These documents either exist in

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1 response position files or in a catchall FOIA response
2 file, or they exist in certain drives that we know of.

3 And we have everything from emails to ones in the
4 (indiscernible, possibly "ghost") assessment piece.

5 So we have everything, we have the universe of
6 documents that would relate to these various FOIAs.

7 An important step among the staff is to figure out how
8 to deal with these FOIAs in a way that we don't divert
9 and dilute the attention to the current event and our
10 primary role to support the site team in its effort to
11 support the ambassador and to support some of the
12 Department of Defense folks who need to make decisions
13 about Americans in country in Japan.

14 So we'll be getting to that (inaudible).
15 We're trying to force the issue and meeting internally
16 with OIS and others to try to figure out the best way
17 to approach these FOIAs.

18 But I think that's what I had prepared to
19 discuss. Any questions?

20 (No response.)

21 MALE PARTICIPANT: Oh, let me add one more
22 point. I know that there was interest left yesterday
23 in the word that DOE is going to take a stronger role
24 in coordinating the technical support functions, but I
25 guess you can view it as coming from the industry

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1 consortium in providing materials and intellectual
2 property and things like that to the Japanese. That,
3 as best as we can tell, we haven't seen that come to
4 fruition yet, and I'm sure Chuck would be interested
5 in making sure that's up and ready before we loosen
6 our grip on things by his team. This is not the kind
7 of thing you do a break before making the transition.

8 We need to make sure DOE is ready, they've got the
9 wherewithal, the infrastructure to pick it up. But it
10 is an important step in allowing the NRC to eventually
11 try to cut back on its commitment to this overall
12 approach. We'll see where that goes.

13 CINDY JONES (PHONETIC): This is Cindy
14 Jones. (Inaudible) update from yesterday's
15 (inaudible) at this time. The document that was sent
16 out to the commission assistance yesterday was
17 "Guidance for Return of U.S. Citizens in Areas Around
18 Fukushima." That was not the trigger level document
19 that was referenced yesterday. It's similar documents
20 but very different. So you have a copy of the
21 "Guidance for Return of U.S. Citizens in Areas Around
22 Fukushima." According to the Japan team, we have not
23 yet received from the State Department the trigger
24 level document, so we will work through the Japan team
25 and through State Department to get that document, but

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1 we do not have that yet.

2 MALE PARTICIPANT: Okay. Let's get some
3 questions. Do you have any at this point?

4 MIKE CRANOVICH: Cindy, this is Mike
5 Cranovich. The document that you're referring to, is
6 that for temporary re-entry or permanent re-entry of
7 U.S. citizens?

8 CINDY JONES: For permanent re-entry of
9 U.S. citizens back to Tokyo.

10 MIKE CRANOVICH: Okay.

11 CINDY JONES: And this one also says to
12 areas around Fukushima.

13 MIKE CRANOVICH: Okay.

14 CINDY JONES: There was a memo attached as
15 draft from the embassy to Department of State. We
16 understand that all our comments were taken on that by
17 the embassy staff. It's with State Department, and
18 there's also a separate document that's entitled
19 "Guidance for Return (Permanent Reentry of U.S.
20 Citizens to Areas Around Fukushima Daiichi Nuclear
21 Power Plant)."

22 MALE PARTICIPANT: Okay, great. Thanks
23 for the clarification. And, Jim, (inaudible) a
24 comment on the (inaudible) piece. Just to let you
25 know, for our offices, for Ostendorff's office, we are

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1 not providing any documents that the ET or FT
2 (phonetic) and liaison team may have provided to our
3 office. We'll pretty much let you all decide what's
4 appropriate for FOIA (inaudible), so I just wanted to
5 share that with you.

6 MALE PARTICIPANT: Yes. It seems to me
7 that the most efficient way to handle these myriad of
8 FOIAs is to not do, do them differently than we
9 normally do. Doing them in the normal model is just
10 not going to work, in my view. So we're trying to get
11 a meeting together with OIS and some other key people,
12 including OGC, OIP (phonetic), and others to see how
13 we can best do this and to get it right and get it
14 done as officially as we can. That's why we've been
15 emphasizing to our whole response team that anything
16 they do, any document they create has to be put in a
17 system that we can go back and find, so we have these
18 response position mailboxes, like an AT01 (phonetic)
19 RST, etcetera. We also have a catchall for FOIA
20 response, and we know where the drives are. And what
21 I'm kind of thinking of is that we do a bulk activity
22 at some point where we look and download everything
23 that we got in those things and make some decisions
24 about it.

25 But, you know, to me, doing it the normal

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1 way where you have a document owner and every
2 individual in the agency has got to (inaudible) the
3 older files out and each of them make an individual
4 release decision, that's not going to work. We need
5 to try do this in some sort of a bulk activity.

6 I think Tom (indiscernible, possibly
7 "Voight") is on the same page. He was going to go
8 talk to Darren Ash (phonetic) about it a couple of
9 days ago. We just need to close the loop.

10 MALE PARTICIPANT: I agree with that. I
11 see the pattern only increasing for FOIA requests, so
12 the sooner we get some clarity and alignment the
13 better we're all going to be.

14 MALE PARTICIPANT: Yes, I think the New
15 York Times article, if it does anything, you know,
16 it's going to promote the idea of asking for stuff.
17 You know, it's a typical way of characterizing it.
18 The article says that the New York Times, it was a
19 confidential document that the New York Times got, you
20 know, so they're the heros in this. That's going to
21 make it pretty clear that there's a whole bunch of
22 stuff that's available that people haven't seen, so I
23 expect that this is just going to get worse before it
24 gets better.

25 MALE PARTICIPANT: Exactly. One last

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1 question for you back on Unit 1. We see some
2 divergent pressure readings on the containment, and,
3 you know, we see some temperature drops in the
4 (indiscernible, possibly "log head"), as well as the
5 feed water nozzle. Do we have any feel from the in
6 country team what might be going on there?

7 MALE PARTICIPANT: (b)(5)

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22 (b)(5)
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25 MALE PARTICIPANT: Exactly.

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MALE PARTICIPANT: (b)(5)

(b)(5)

(b)(5)

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1 (b)(5)
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3 MALE PARTICIPANT: Exactly, yes.

4 MALE PARTICIPANT: (b)(5)
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6 (b)(5)
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20 MALE PARTICIPANT: (Inaudible) on the new
21 reactors where they do the (inaudible) cooling, and
22 that's actually, as long as you got the bottom head
23 core, you're really at least prolonging any kind of
24 (inaudible) through the lower head.

25 MALE PARTICIPANT: Yes. But, also, if you

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1 have a larger volume of water, I think I speculated on
2 this before, if you do get a blow through in the
3 bottom head, if you've got a lot of water in the dry
4 well, you get a different reaction than if you just
5 had a little, right? There's a better heat sink for
6 what drops in it. And, also, every day is better from
7 a heat capacity point of view. The decay heat curves
8 are well beyond that, they're in the wide areas, so
9 they're down to a very small fraction of a percent of
10 the total funnel power at this point because they
11 still behave the same way they do with the core being
12 a different geometry.

13 MALE PARTICIPANT: Okay. Thank you. I
14 don't have any other questions.

15 MALE PARTICIPANT: All right. Anybody
16 else?

17 MALE PARTICIPANT: Yes. This is Pat
18 Castleman (phonetic). I have a question for Cindy,
19 and I'm a little bit confused about this document that
20 she was referring to. Yesterday, we got a five-page
21 document that was a memo, a four-page document, a
22 draft memo apparently from the ambassador to go back
23 to the Department of State, and that was just about,
24 concerning return of Americans, voluntary evacuees
25 back to Tokyo. But I haven't seen anything on this

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1 draft "Guidance for Return (Permanent Reentry of U.S.
2 Citizens to Areas Around Fukushima Daiichi)." Could
3 you clarify that for me, please, Cindy?

4 CINDY CARPENTER: Sure. You are correct,
5 though. The four-page that you have, which starts, it
6 says "unclassified memorandum (inaudible) revision
7 April 5th."

8 MALE PARTICIPANT: Right.

9 CINDY CARPENTER: And what you have,
10 attached to that that we have as of yesterday
11 afternoon is a one-page document that we got from the
12 U.S. Japan team through EPA to Trish Milligan
13 (phonetic) back to the PMP (phonetic) to review. It's
14 called "Guidance for Return (Permanent Reentry of U.S.
15 Citizens to Areas Around Fukushima)." It's a one-page
16 document. Our guess is that this will be talked to at
17 the next principal meeting, which I believe is on the
18 11th of April. So maybe that was not attached, but we
19 can certainly send that up. It's still a draft, and
20 it's going to be working through the White House and
21 interagency principal level, I believe, on the meeting
22 on (inaudible).

23 MALE PARTICIPANT: We're not aware of a
24 principals meeting on the 11th.

25 CINDY CARPENTER: Okay. We can clarify

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1 that. That was what EPA provided to us.

2 MALE PARTICIPANT: Yes. Well, until we
3 see the actual invite from the White House, we don't
4 know what meetings they're going to have, right? We
5 don't even know if there's a deputies meeting on the
6 11th.

7 CINDY CARPENTER: Okay.

8 MALE PARTICIPANT: Just for clarity.

9 CINDY CARPENTER: No, I appreciate that.

10 MALE PARTICIPANT: Okay. Yes, that would
11 be great to get a copy of that one-page. That would
12 be very informative. The next question for clarity is
13 this document that was referenced in the New York
14 Times article, is that one that says up at the top,
15 it's a 15-pager, and it says "OUO RST assessment of
16 Fukushima Daiichi Unit based on most recent available
17 data and input from INPO (inaudible)," that document?

18 MALE PARTICIPANT: We'd have to, you were
19 so specific in it, I'm not going to answer that
20 question.

21 MALE PARTICIPANT: Okay.

22 MALE PARTICIPANT: You know, (inaudible) a
23 level of precision that I don't possibly have. It was
24 faxed, the document that we initially referred to as
25 the RST assessment. It's a document that subsequently

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1 had a revision to it that was called the RST
2 assessment rev 1 that happened in the late March/early
3 April time period. It happened while I was on watch
4 in another sequence. Our presumption is it's the
5 initial RST assessment document.

6 MALE PARTICIPANT: Okay. And that's the
7 one that speaks to severe accidents (inaudible),
8 right?

9 MALE PARTICIPANT: Yes, that sounds close.
10 It sounds familiar.

11 MALE PARTICIPANT: Okay. (Inaudible) get
12 some clarity on specifically which document it is. I
13 haven't personally gotten any --

14 MALE PARTICIPANT: Obviously, the New York
15 Times hasn't shown us the document they have. I'm not
16 sure we've asked for it. But (inaudible) Richards
17 (phonetic) is here. He's the RST. He'll go back and
18 check the title to the document, and we'll go back to
19 the first RST assessment and make sure it's the one
20 you think it is. And then we'll send you an email to
21 confirm it.

22 MALE PARTICIPANT: Okay. That's great. I
23 appreciate that. Regarding the New York Times
24 article, have we gotten a reaction from Japan?

25 MALE PARTICIPANT: We haven't, I haven't

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1 heard.

2 MALE PARTICIPANT: Okay.

3 MALE PARTICIPANT: It's 2324 there. I
4 don't know that they've reacted. We'll make it a
5 point to (inaudible). If there is a reaction, we'll
6 bring it up tomorrow's call.

7 MALE PARTICIPANT: Okay. (b)(5)

8 (b)(5)
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12 MALE PARTICIPANT: (b)(5)

13 (b)(5)
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23 MALE PARTICIPANT: Yes. Last question I
24 have is the latest (inaudible) says that Units 5 and 6
25 has ground water leaking into the turbine building

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1 (inaudible), and that water is being pumped out to the
2 ocean. Do we know if there's any contamination in
3 that ground water?

4 MALE PARTICIPANT: I haven't heard. Have
5 you heard any of that?

6 FEMALE PARTICIPANT: No.

7 MALE PARTICIPANT: We'll check it.

8 MALE PARTICIPANT: Okay. I'm just kind of
9 curious. That's not an urgent matter.

10 MALE PARTICIPANT: I don't know that
11 that's become the biggest thing they're worried about,
12 right? They probably released, much more got out of
13 it inadvertently through that trench already. All
14 right. We'll check it, but, yes, we were kind of
15 interested. All right. We'll look at it to see if we
16 got any information on it.

17 MALE PARTICIPANT: I'm really not
18 (inaudible) on it. Just curious. That's all I have.
19 Thank you.

20 MALE PARTICIPANT: All right. Well,
21 thanks a bunch. The next call will be 10:00 tomorrow
22 morning. If you have any questions in the meantime,
23 if something pops up, I'm sure you can call us or call
24 into the team and (inaudible). We'd hope that you
25 would understand that the team has got some work to do

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1 and needs to have some focus, though, so it would be
2 good if you can kind of time it, as I think Pat just
3 described, you know, if there's a lower priority then
4 we can try to get to it the next regular scheduled
5 call. All right? Yes?

6 LINDA HOWELL: Linda here. I just wanted
7 to touch on (inaudible).

8 MALE PARTICIPANT: You're broken up,
9 Linda.

10 LINDA HOWELL: Okay. Is this a little
11 better?

12 MALE PARTICIPANT: Yes, keep going.

13 LINDA HOWELL: Okay. The instructions
14 that were given to the office FOIA coordinators
15 (inaudible) with your preference, as you mentioned
16 this morning. I think that's got (inaudible)
17 adequately. And then, secondly, just to let you know,
18 I've asked our public affairs person to see if OPA
19 (phonetic) can come up with a common statement that
20 can be pushed back out to the regions. We've got lots
21 of folks from the (inaudible) New York Times article.

22 MALE PARTICIPANT: All right. That's when
23 I said for now I'll have to talk to Weber (phonetic)
24 about, and Mike's on the call. I don't know if it's
25 happened yet and, you know, it's how, what do we want

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1 to do to react to this New York Times thing. Beyond,
2 Linda, the basics that says it reflected the best
3 information we had available at the time, it's
4 somewhat dated. Our information has gotten better,
5 conditions have improved, and our evaluation has been
6 adjusted accordingly, you know. But we can't
7 sugarcoat this. They're not anywhere near out of the
8 woods at the facility. There's still significant
9 engineering and radiological problems that need to be
10 dealt with, and the agency is not ready to say that
11 the conditions in Fukushima are stable in terms of the
12 type of conditions where people can walk away from
13 this or at least the conditional effort could be, you
14 know, to return to somewhat of a normal clean-up
15 effort. It's nowhere near there.

16 LINDA HOWELL: Right, right.

17 MALE PARTICIPANT: And that's one of the
18 challenges we have. That's the stability criteria
19 that Elmo is asking for. What does it mean that
20 conditions are, in fact, stable? And we're working on
21 that. But, you know, it's a tough thing for your guys
22 out there because I've been there myself and they're
23 going to get a bunch of questions as they go through
24 doing these plant assessment (inaudible). But you're
25 just going to have to be able to suck it up and deal

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1 with a narrative that the answers aren't as right as
2 you'd like them to be.

3 LINDA HOWELL: Yes, we're trying to share
4 a common message, so we don't look like we're sending
5 different messages out.

6 MALE PARTICIPANT: Yes, that's a good
7 point. Okay. Thanks, everyone.

8 MALE PARTICIPANT: All right. Thanks,
9 Jim.

10 MALE PARTICIPANT: Hey, Jim, this is Mike.

11 MALE PARTICIPANT: Yes, Mike?

12 MALE PARTICIPANT: The reason I called in,
13 I got a call from the Chairman's office from Josh, and
14 he asked that we share that March 26th document that's
15 at times referred to with congressional affairs.

16 MALE PARTICIPANT: Okay. Should we share
17 the update, too?

18 MALE PARTICIPANT: Well, they didn't ask
19 for that. They just wanted the one that was dated
20 March 26th. And then we'll have to work with OIP
21 (phonetic), OGC, and OAS (phonetic) to determine
22 whether that report should be released publically at
23 this point. I said it's marked OUO, and that's how it
24 should be protected. But if it's out, you know,
25 there's always that sensitivity that would it be

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1 withholdable now under FOIA?

2 MALE PARTICIPANT: Yes.. Did you and Scott
3 Vernell (phonetic) have a conversation?

4 MALE PARTICIPANT: I didn't have that
5 conversation with Scott, but we did talk --

6 MALE PARTICIPANT: He heard the same thing
7 from me that you just said.

8 MALE PARTICIPANT: Yes.

9 MALE PARTICIPANT: Okay? That, you know,
10 it's OUO, and that's where we're going to treat it.
11 So --

12 MALE PARTICIPANT: Right.

13 MALE PARTICIPANT: -- I said, I offered
14 that if there was an issue with regards to, you know,
15 some significant issue that could be, that related to
16 it being out of date, it could be helped somewhat,
17 rather than agree that issue the report and any
18 subsequent update, which Scott was arguing for with
19 the release of rev 1, I'd rather just spend the effort
20 to put a cover sheet on it to put rev zero in
21 perspective and talk people through the update. But
22 that's just me, and that's why I sent them up to you.

23 MALE PARTICIPANT: Yes, I think that's an
24 appropriate approach, but we need to vet that with OIS
25 and with OGC.

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1 MALE PARTICIPANT: Yes, right. I know.

2 FEMALE PARTICIPANT: Mike and Jim, just so
3 you're aware, (b)(5)

4 (b)(5)

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9 MALE PARTICIPANT: Yes, understood.

10 MALE PARTICIPANT: (b)(5)

11 (b)(5)

12
13 MALE PARTICIPANT: Yes, they do.

14 MALE PARTICIPANT: We're --

15 FEMALE PARTICIPANT: I mean, I think
16 they're asking for a (inaudible) up if we decide to do
17 that. That's my point.

18 MALE PARTICIPANT: Yes. I think they
19 already have the assessment so --

20 FEMALE PARTICIPANT: They are not aware
21 they do, but we will tell them that after this call.

22 MALE PARTICIPANT: Yes. They . . .

23 FEMALE PARTICIPANT: Understand.

24 MALE PARTICIPANT: Yes, we'll talk to
25 Julie and make sure.

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1 MALE PARTICIPANT: We know that they have
2 the follow-on assessment.

3 MALE PARTICIPANT: Pardon me?

4 MALE PARTICIPANT: We know that they have
5 the rev 1 assessment.

6 MALE PARTICIPANT: Okay. All right. Is
7 that it, Mike?

8 MALE PARTICIPANT: That's all.

9 MALE PARTICIPANT: Okay. All right. I
10 might talk to you separately later as things progress
11 a bit. All right. Thanks.

12 MALE PARTICIPANT: Okay.

13 MALE PARTICIPANT: Bye.

14 MALE PARTICIPANT: Bye-bye.

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(CONFERENCE CALL INITIATED)

MALE PARTICIPANT: Okay. Marty
(phonetic), are you there?

MALE PARTICIPANT: Yes, this is
(inaudible).

MALE PARTICIPANT: Jim Leggitt (phonetic),
(inaudible), Sue Richards (phonetic), Scott Vernell
(phonetic), Jane Marshall (phonetic), and Kelly
(inaudible).

FEMALE PARTICIPANT: Kelly (inaudible).

MALE PARTICIPANT: Kelly Bryans
(phonetic).

MALE PARTICIPANT: Okay. The reason I'm
calling, and I'm sorry to interrupt you all today, is
we're getting a blitz of (inaudible) on Unit 2.

MALE PARTICIPANT: Right. That's what we
were discussing here. It sounds like there was an
email sent from OCA to Mark Eastback (phonetic).

MALE PARTICIPANT: Yes.

MALE PARTICIPANT: That appears to
reference one of the two RST assessments. (b)(5)

(b)(5)

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1 (b)(5)
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5 MALE PARTICIPANT: Right.

6 MALE PARTICIPANT: And all I can say is
7 that's news to me, but I wasn't up to my ears in these
8 assessments. We're still trying to look through the
9 assessment to figure out where that could have been.

10 MALE PARTICIPANT: Look at our Kelly
11 (phonetic) reports and our periodic (inaudible).

12 MALE PARTICIPANT: No, it would have made,

13 (b)(5)
14

15 MALE PARTICIPANT: Yes, that's what I
16 thought.

17 MALE PARTICIPANT: Okay. What the hell is
18 this? Wait a minute. Anyhow, the game plan was to
19 wait your illustrious return.

20 MALE PARTICIPANT: Yes, I'm back.

21 MALE PARTICIPANT: You're in your office?

22 MALE PARTICIPANT: Yes.

23 MALE PARTICIPANT: Okay. Do you want to
24 come to us, or do you want an element of us to come to
25 you?

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1 MALE PARTICIPANT: Why don't I come over
2 there?

3 MALE PARTICIPANT: Okay.

4 MALE PARTICIPANT: I'll be over in a few
5 minutes.

6 MALE PARTICIPANT: Yes, take your time.
7 We'll be here all day.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: All right. See you.

10

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1 (CONFERENCE CALL INITIATED)

2 ELMO COLLINS: Hello? This is Elmo.

3 JOE GITTER (PHONETIC): Hey, Elmo. How
4 you doing? This is Joe Gitter (phonetic). Ed Hackett
5 (phonetic) is here.

6 ED HACKETT (PHONETIC): Hey, Elmo.

7 JOE GITTER (PHONETIC): John Jollicker
8 (phonetic).

9 ELMO COLLINS: Outstanding.

10 JOE GITTER: How you doing?

11 ELMO COLLINS: Good. I was responding to
12 an email to give a call. I just got up so . . .

13 MALE PARTICIPANT: Yes, I think it was --

14 ELMO COLLINS: I think what I could
15 benefit from would be just a quick synopsis of where
16 we landed on NRC's response to the New York Times
17 article.

18 MALE PARTICIPANT: Okay. I can tell you
19 what I know at this point is we have a meeting
20 scheduled for tomorrow morning to decide whether we
21 should provide them with the most recent copy of the
22 assessment document but --

23 ELMO COLLINS: Provide who?

24 MALE PARTICIPANT: The New York Times.

25 ELMO COLLINS: Oh, okay.

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1 MALE PARTICIPANT: Well, I'll let Ed talk
2 about this, but I think our understanding is what they
3 apparently got from some source was rev zero of the
4 assessment document.

5 ELMO COLLINS: Yes.

6 MALE PARTICIPANT: Elmo, the best
7 information we have seems to indicate that I guess
8 Matt Wald (phonetic) got a hard copy of that document,
9 and there was some debate on the RST day shift over
10 which, you know, there were several versions of that
11 document in addition to the one that was finally
12 approved and sent out. So they gave up trying to
13 figure out which one, but it's pretty clear that it
14 was rev zero of the document that they had a copy of.

15 ELMO COLLINS: Matt Wald did not write the
16 article, did he?

17 MALE PARTICIPANT: Let me see here. I got
18 it. I don't think so.

19 MALE PARTICIPANT: I think you're right.
20 Somebody told me Jane Glands (phonetic) --

21 MALE PARTICIPANT: Yes, Janey Glands and
22 William Rod (phonetic).

23 MALE PARTICIPANT: (Inaudible) and maybe
24 provided this information to them that that's just a
25 rumor.

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1 ELMO COLLINS: I think what I would
2 benefit by would be what's our statement, what do we
3 settle upon a statement, to make sure I know that.
4 And how do we promulgate it, or are we just responding
5 to inquiries?

6 MALE PARTICIPANT: I think right now,
7 Elmo, the plan is to respond to inquiries. That's my
8 understanding.

9 ELMO COLLINS: Do you have any idea of --

10 MALE PARTICIPANT: I'm sorry. Go ahead.

11 ELMO COLLINS: I was just going to ask you
12 if you knew (inaudible) had called the New York Times.

13 MALE PARTICIPANT: I can't confirm whether
14 they have or not, but I just came on shift. It's
15 three our time. And I think --

16 ELMO COLLINS: Okay.

17 MALE PARTICIPANT: -- just before that the
18 New York Times or the Marty Rogilleo (phonetic) and
19 others, they had talked to Scott Vernell (phonetic) in
20 OPA about a strategy for communication on this. And I
21 think they prepared a statement that everybody agreed
22 to. We'll get you a copy of that, Elmo, because I
23 haven't seen it myself. And whether they were going
24 to correctively call the New York Times or use that
25 statement in response to questions I'm not sure. And

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1 then there was --

2 ELMO COLLINS: Okay.

3 MALE PARTICIPANT: -- there was some
4 subsequent discussion about whether we should consider
5 providing them, since they have rev zero, whether we
6 should consider providing them with rev 1 of the
7 document, which, as I understand it, provides more
8 context.

9 ELMO COLLINS: Very good. Thank you.

10 MALE PARTICIPANT: Hey, Elmo, there's one
11 other issue to make you aware of. As you know, today
12 there was a hearing on the Hill with the Energy and
13 Commerce Subcommittee on Investigation and Oversight
14 on a response --

15 ELMO COLLINS: Right.

16 MALE PARTICIPANT: -- to the Japanese
17 event. And in that hearing --

18 ELMO COLLINS: Right.

19 MALE PARTICIPANT: -- Marky (phonetic) had
20 apparently an email that was generated from the
21 Reactor Safety Team to OPA, or to OTA (phonetic)
22 rather, that characterized the situation as having, it
23 suggested that there could be breach to the reactor
24 vessel in Unit 2.

25 ELMO COLLINS: Yes, not surprised. Truth

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1 is, you know, here's my response, all right? I mean,
2 I don't doubt that, and I don't doubt that we were
3 looking at indication or having some data that
4 suggested that could be true. Where we landed,
5 though, is with a flood the dry well recommendation.
6 I believe that's correct.

7 MALE PARTICIPANT: Yes.

8 ELMO COLLINS: And working through the
9 Severe Accident Mitigation Guidelines. One of the key
10 reasons you wind up with that flood the dry well
11 recommendation is because of lack of instrumentation
12 or lack of reliable instrumentation to tell you the
13 exact configuration of what's inside the vessel or not
14 inside the vessel. And you don't know the
15 configuration.

16 MALE PARTICIPANT: Right.

17 ELMO COLLINS: So there's a lack of,
18 there's no direct indication, a lack of meaningful
19 indication, and that's where the accident guidelines
20 take you and tell you to flood. So you don't actually
21 know.

22 MALE PARTICIPANT: Right.

23 ELMO COLLINS: And you're not going to
24 know for years until someone gets in there and figures
25 it out.

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1 MALE PARTICIPANT: Right, yes. What you
2 said makes sense, but I just wanted to convey to you
3 that that was brought up during the hearing, and
4 that's getting a lot of play, as well.

5 ELMO COLLINS: Yes. (b)(5)

6 (b)(5)
7

8 MALE PARTICIPANT: Oh, I know that. We've
9 got to be careful how, you know, that gets
10 communicated.

11 ELMO COLLINS: Okay.

12 MALE PARTICIPANT: Roy Zimmerman
13 (phonetic) just stepped in. Do you have any questions
14 for Roy?

15 ELMO COLLINS: I don't think so. I'm just
16 checking in, Roy.

17 MALE PARTICIPANT: I've got a question for
18 you, Elmo. I'm trying to picture that accent of yours
19 when you add in a couple of weeks of Japan time, and
20 I'm trying to figure out what it's going to sound
21 like.

22 ELMO COLLINS: It's really interesting.

23 MALE PARTICIPANT: (Inaudible) and try to
24 put a mix together so we can try to forecast what
25 you're going to sound like when you come back. You

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1 doing okay?

2 ELMO COLLINS: Yes, doing well. Thank you
3 for asking.

4 MALE PARTICIPANT: Anything that you need?

5 ELMO COLLINS: No, I don't think so. It's
6 unfortunate with the press, you know, because the
7 Japanese government is very sensitive to stuff like
8 this so . . .

9 MALE PARTICIPANT: I agree. And I think -
10 - is the embassy aware of this yet and Japan, do you
11 know?

12 ELMO COLLINS: Oh, yes.

13 MALE PARTICIPANT: Okay.

14 ELMO COLLINS: Yes, but they believe that,
15 Roy, that it's NRC's to message out on the New York
16 Times article so . . .

17 MALE PARTICIPANT: That's really our lead.

18 (b)(5)
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1 (b)(5)
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5 ELMO COLLINS: Thank you.

6 MALE PARTICIPANT: That's for us to do,
7 not you to worry about. We need to keep you current
8 on it.

9 ELMO COLLINS: Thank you.

10 MALE PARTICIPANT: Elmo did ask, and I
11 told them that, in the earlier shift, there was a
12 statement that was prepared by -- Marty Rogilleo
13 looked at it, and it was for OBA's (phonetic) use if
14 we got a call. And as far as I know, we weren't going
15 to reach out to the New York Times (inaudible).

16 MALE PARTICIPANT: (b)(5)
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(b)(5)

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1 ELMO COLLINS: Don't forget there's other
2 documents that the consortium has prepared.

3 MALE PARTICIPANT: (Inaudible).

4 MALE PARTICIPANT: Yes. In light of
5 sensitive documents and, you know --

6 ELMO COLLINS: And we are, we're sharing
7 those with the Japanese government when they're
8 finalized.

9 MALE PARTICIPANT: Yes, we're just not
10 helping, we're just not helping ourselves when the
11 documents get out the way this one did so --

12 ELMO COLLINS: Okay.

13 MALE PARTICIPANT: -- you know, we'll have
14 to work on it a bit.

15 ELMO COLLINS: Okay, good. Thanks.

16 MALE PARTICIPANT: All right. You have a
17 good day.

18 ELMO COLLINS: Thank you.

19 MALE PARTICIPANT: All right, Elmo.

20 ELMO COLLINS: Bye.

21 MALE PARTICIPANT: Did you guys have a
22 good call?

23 MALE PARTICIPANT: Yes.

24 MALE PARTICIPANT: You came in just a few
25 minutes after it started.

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1 MALE PARTICIPANT: Oh, okay, so it wasn't
2 a long call.

3 MALE PARTICIPANT: (Inaudible).

4 MALE PARTICIPANT: So did you guys get a
5 chance to go through what we want to try to do during
6 our shift?

7 MALE PARTICIPANT: We did, and I can go
8 through that with you now, if you want.

9 MALE PARTICIPANT: This is going to be
10 redundant for you guys, though, right?

11 MALE PARTICIPANT: Yes.

12 MALE PARTICIPANT: So what I could do is
13 go over the (inaudible) call with you guys, and then
14 I'll talk with Joe (phonetic). We expect to have
15 another one of these (inaudible) calls next week. We
16 don't have a date for it yet (inaudible) same thing.
17 To talk about weather, you know, (inaudible) but,
18 basically, it changes. It's going to rain there
19 tomorrow, a half an inch of rain tomorrow.
20 (Inaudible). Tomorrow, they're going to kick off with
21 ocean plume models (inaudible) familiar with that?

22 MALE PARTICIPANT: Yes.

23 MALE PARTICIPANT: Okay. (Inaudible).

24 MALE PARTICIPANT: (Inaudible).

25 MALE PARTICIPANT: Okay. With the ocean

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1 plume modeling. There will be a meeting tomorrow. I
2 think (inaudible) to that.

3 MALE PARTICIPANT: We offered up Chris
4 Cook (phonetic) from (inaudible) to participate in
5 that.

6 MALE PARTICIPANT: So (inaudible) two
7 things that NOAA is trying to do. One is the ocean
8 plume modeling, and then a second item is trying to
9 understand what actually has happened to date based on
10 your instrumentation that you have around, your
11 aeriels that you've done in Japan, what actually is
12 the lay of the land from a radiological standpoint
13 (inaudible). We want to make sure they have a good
14 snapshot picture of what that (inaudible) surrounding
15 areas. And probably not for the water yet (inaudible)
16 modeling done.

17 Okay. The action item which we need to
18 capture, the action item is that we are going to need
19 to get back to the IPC (phonetic). It will be during
20 the next phone call in an effort to preclude leaking
21 documents from getting out: what actions has NRC
22 contemplated with regard to corrective action
23 associated with the leaking documents getting out from
24 an unknown organization.

25 MALE PARTICIPANT: So that indicates maybe

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1 we do a root cause and track it to --

2 MALE PARTICIPANT: Yes. Figure there's
3 nobody better than us to be doing this.

4 MALE PARTICIPANT: (Inaudible).

5 MALE PARTICIPANT: I think that they do
6 need to think through. People could have input to
7 documents, but I'm not sure that (inaudible) save the
8 documents. It's not my decision. It's going to get
9 decided at the meeting tomorrow. My own personal view
10 is, in light of this, we need to take action to do
11 something different. Otherwise, you should expect the
12 same result the next (inaudible) document.

13 MALE PARTICIPANT: We just sent an email
14 out to all responders (inaudible).

15 MALE PARTICIPANT: (b)(5)

16 (b)(5)
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23 MALE PARTICIPANT: Share information with
24 us.

25 MALE PARTICIPANT: But I think we need to

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1 (b)(5)
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7 MALE PARTICIPANT: (Inaudible).

8 MALE PARTICIPANT: (Inaudible) to decide
9 whether to send out (inaudible) and try to trace down
10 how it leaked and what the corrective actions are.

11 MALE PARTICIPANT: The action tomorrow,
12 (inaudible) issue that we're going to need to inform
13 those that are attending and just get the word to
14 Marty and Mike and those that this tasking is out and
15 what efforts that we've taken to preclude something
16 similar occurring in the future. That's an
17 (inaudible).

18 MALE PARTICIPANT: You know, one of the
19 things we could do is to see who it was sent to within
20 the NRC. But outside of that --

21 MALE PARTICIPANT: Well, we --

22 MALE PARTICIPANT: You know what I'm
23 saying?

24 MALE PARTICIPANT: But why not send it to,
25 why don't we (inaudible) distribution was to everybody

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1 we sent it to?

2 MALE PARTICIPANT: (Inaudible) we have
3 control over, to some -- well, we don't have control,
4 but we know who received it at the NRC.

5 MALE PARTICIPANT: Right.

6 MALE PARTICIPANT: Once it goes to
7 somebody in another organization, we don't know who
8 they sent it to.

9 MALE PARTICIPANT: Right.

10 MALE PARTICIPANT: That was my
11 (inaudible).

12 MALE PARTICIPANT: Yes, I agree. You can
13 lose control.

14 MALE PARTICIPANT: Yes.

15 MALE PARTICIPANT: You lose control.

16 MALE PARTICIPANT: (Inaudible), and then
17 there are contractors and subcontractors (inaudible).

18 MALE PARTICIPANT: Yes, and ODO doesn't
19 involve a non-government agency. It was interesting
20 (inaudible), and I immediately turned to the NRC
21 (inaudible) for a whole dialogue of the status
22 (inaudible) and everything else. This time, it was
23 different. They (inaudible) version, and then they
24 asked if I had anything else to add. The things that
25 I added was DOE said they are inerting (inaudible) dry

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1 well. I indicated that DOE probably has more
2 (inaudible) information than we have. But we're still
3 trying to validate that the inerting has started
4 because I don't think we have.

5 MALE PARTICIPANT: We have not, according
6 to the turnover (inaudible).

7 MALE PARTICIPANT: (Inaudible) missed
8 opportunity with (inaudible) those guys again. Maybe
9 they can try to get that information (inaudible).

10 MALE PARTICIPANT: (Inaudible) has a call
11 with them.

12 MALE PARTICIPANT: Elmo had just gotten
13 up, so I (inaudible).

14 MALE PARTICIPANT: He said that they're
15 working with (inaudible) and the Russians on water
16 treatment options (inaudible).

17 MALE PARTICIPANT: Yes, I saw a video
18 yesterday, and the Russians had this great (inaudible)
19 they were sending to the site, and it had Japanese
20 and Russian (inaudible) on it, and it apparently has,
21 like, (inaudible) exchange columns or something.

22 MALE PARTICIPANT: Great.

23 MALE PARTICIPANT: (Inaudible) cool.

24 MALE PARTICIPANT: So that (inaudible).

25 MALE PARTICIPANT: And we should get more

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1 of that tonight because there's two items, one item
2 specifically on water treatment. We'll get into that
3 at the 2000 call.

4 MALE PARTICIPANT: Good. (Inaudible).

5 MALE PARTICIPANT: Yes, the 5:00 call --
6 is that a secure call?

7 MALE PARTICIPANT: Yes, yes.

8 MALE PARTICIPANT: I'm not sure it ever
9 (inaudible), just so you're aware of that, with our
10 guy in Hawaii.

11 MALE PARTICIPANT: Yes, that was it.

12 MALE PARTICIPANT: That was the seventeen
13 --

14 MALE PARTICIPANT: The 1700 call that was
15 supposed to be a continuation of yesterday's 1600 call
16 did not (inaudible).

17 MALE PARTICIPANT: Okay. All right. So
18 they'll have to reschedule that call it sounds like.
19 There's another concrete pump truck in route to the
20 site (inaudible).

21 MALE PARTICIPANT: (Inaudible).

22 MALE PARTICIPANT: (Indiscernible,
23 possibly "Hanford").

24 MALE PARTICIPANT: There was one that was
25 only coming from the (indiscernible, possibly "mop")

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1 site.

2 MALE PARTICIPANT: These are all snippets
3 on these calls (inaudible) DOE.

4 MALE PARTICIPANT: It could be coming from
5 the waste treatment plant, too.

6 MALE PARTICIPANT: Here (inaudible).

7 MALE PARTICIPANT: They were actually,
8 and, Mark, they were moving that box, they were
9 planning to move that to (inaudible). Maybe it was
10 (inaudible), and that's why they're moving it to
11 Hanford (phonetic).

12 MALE PARTICIPANT: Interesting.

13 MALE PARTICIPANT: They're still working
14 on cargo ships. I guess they're saying that
15 (inaudible) --

16 MALE PARTICIPANT: Yes.

17 MALE PARTICIPANT: -- for enforcement to
18 keep them away from (inaudible), which I assume is
19 probably Japan because (inaudible) items, this issue
20 of OMB (phonetic). I don't know if this gentleman's
21 last name. McDonald (phonetic)?

22 MALE PARTICIPANT: McDonald, yes.

23 MALE PARTICIPANT: McDonald. (Inaudible).

24 The phone call is tomorrow from 3:00 to 4:00. We
25 need to make sure that Jim Donner (phonetic) is aware

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1 of the call. The things that they're going to, what
2 they want from (inaudible) is a list of reimbursable
3 items, things that we think are reimbursable.

4 MALE PARTICIPANT: Are they going to give
5 us (inaudible) for that or . . .

6 MALE PARTICIPANT: They gave us a little
7 bit.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: They didn't give us
10 much. I would expect (inaudible) reaching out
11 directly to OMB.

12 MALE PARTICIPANT: (Inaudible).

13 MALE PARTICIPANT: There's been things
14 already done and planned in the future, so it will
15 give a sense to the Japanese. (b)(5)

16 (b)(5)
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1 (b)(5)
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6 MALE PARTICIPANT: So they'll (inaudible)

7 --

8 MALE PARTICIPANT: Out of compassion.

9 MALE PARTICIPANT: Yes, yes.

10 MALE PARTICIPANT: Well, the date will be
11 like, if the date when -- like now or something around
12 now.

13 MALE PARTICIPANT: Interesting.

14 MALE PARTICIPANT: I think Dr. Milton
15 (phonetic), they were in a phone call with Dyer and
16 Reggie (phonetic) and others were (inaudible) call
17 about the shutdown, (inaudible) shutdown. And Milton
18 told me that he thought that Jim had already talked to
19 Christine (phonetic) about this topic --

20 MALE PARTICIPANT: Good.

21 MALE PARTICIPANT: -- but he was going to
22 make sure on that and get back to me.

23 MALE PARTICIPANT: Okay. We need to get,
24 from our role, I think we need confirmation they're
25 going to be on the 3:00 call tomorrow.

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1 MALE PARTICIPANT: And what they want us
2 to do from this end is describe, help them (inaudible)
3 that's already done and planned in the future. I
4 don't know that they'll have all that information up
5 there. They'll have the HR (inaudible) with the tasks
6 that they've set up.

7 MALE PARTICIPANT: Yes.

8 MALE PARTICIPANT: But they may not,
9 they're not going to have details of exactly what the
10 team is doing and --

11 MALE PARTICIPANT: (Inaudible) (b)(5)

12 (b)(5)

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20 MALE PARTICIPANT: Okay.

21 MALE PARTICIPANT: (b)(5)

22 (b)(5)

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9 (b)(5)

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15 (Inaudible) the embassy in Japan is
16 declaring (inaudible) requests for the Japanese
17 government of what they want, you know, sort of a
18 consortium kind of an issue. The only people that can
19 really put things on that list for Japan is the
20 government of Japan and (inaudible) DOE sort of got
21 the lead for the requests that are coming in for
22 Japan. And really what they're trying to do, Japan is
23 trying to get a ballpark of reimbursable submittals.
24 They're trying to get, you know, an order of
25 magnitude.

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1 So the items for the email going into
2 (indiscernible, possibly "CFO") this evening is that
3 we need to talk about the items on the reimbursable
4 list and costs of the list.

5 MALE PARTICIPANT: Okay.

6 MALE PARTICIPANT: (b)(5)

7 (b)(5)

15 (b)(5)

17 MALE PARTICIPANT: Yes.

18 MALE PARTICIPANT: (b)(5)

19 (b)(5)

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1 Okay. This one I probably didn't have the
2 up-to-date status because I haven't been on ship
3 (phonetic) for a few days. (b)(5)

4 (b)(5)
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17 (b)(5) That was pretty much the call.

18 MALE PARTICIPANT: Okay.

19 MALE PARTICIPANT: We got a few take-aways
20 in there. So what do we see for, I guess I'll just
21 (inaudible) what we see for our odd issues for the
22 remainder of our shift.

23 MALE PARTICIPANT: Okay.

24 MALE PARTICIPANT: And I have a couple of
25 (inaudible) next call.

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1 MALE PARTICIPANT: When is your next call
2 (inaudible)?

3 MALE PARTICIPANT: The next one is going
4 to be on Monday, and it will be a different
5 (inaudible) record. We don't know the (inaudible)
6 something else. It says sometime next week, and I
7 don't know what day it's going to be. And they didn't
8 mention when the next principal meeting is going to
9 be.

10 MALE PARTICIPANT: Okay. I don't know if
11 (inaudible) in or not, so I'll (inaudible). Do you
12 want me to walk through the --

13 MALE PARTICIPANT: Maybe I could --

14 MALE PARTICIPANT: I just don't want to
15 hold you guys up.

16 MALE PARTICIPANT: Ours is easy. It's
17 OMB. That's our number one? And the 2000 call. If
18 you want to hang around --

19 MALE PARTICIPANT: Yes, I'll go through
20 the Reactor Safety Team and (inaudible).

21 MALE PARTICIPANT: Okay.

22 MALE PARTICIPANT: No change in plant
23 status other than it appears, or at least we're
24 getting the quotes, that they started nitrogen
25 injection at 8:30 Eastern Daylight Time.

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1 MALE PARTICIPANT: Actually, it was 8:30
2 on yesterday.

3 MALE PARTICIPANT: Oh, yesterday? So
4 (inaudible).

5 MALE PARTICIPANT: They did start nitrogen
6 injection.

7 MALE PARTICIPANT: All right. And, again,
8 the caveat in this, Roy (phonetic), went (inaudible)
9 turnover. He said we've not been able to verify that
10 independently (inaudible), so it's been reported that
11 that's the case --

12 MALE PARTICIPANT: Who's reporting?

13 MALE PARTICIPANT: My understanding was
14 this was on the consortium call, but I heard it from a
15 number of different sources. Consortium call, NHA
16 (phonetic) (inaudible) is reporting it, so there's
17 multiple sources. (b)(5)

18 (b)(5)

19
20 MALE PARTICIPANT: (b)(5)

21 MALE PARTICIPANT: (b)(5)

22 MALE PARTICIPANT:

23 MALE PARTICIPANT:

24 MALE PARTICIPANT: (b)(5)

25 (b)(5)

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1 MALE PARTICIPANT: That didn't come up
2 (inaudible) turnover (inaudible). Yes, I don't know.

3 MALE PARTICIPANT: (Inaudible) (b)(5)

4 (b)(5)

5
6 MALE PARTICIPANT: (b)(5)

7 (b)(5)

8 MALE PARTICIPANT: (b)(5)

9 MALE PARTICIPANT: (b)(5)

10 (b)(5)

11 MALE PARTICIPANT: Okay.

12 MALE PARTICIPANT: That's -- yes. But the
13 same issue is are we able to get any value by
14 confirming that that looks like a reasonable number?

15 (b)(4)

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1 (b)(4)

2 What my thought was, I had it (inaudible)
3 for the 8:00 call tonight. I'll work on that to see
4 where the consortium is on that. I just hope some
5 organization -- I'm sure they did. (b)(4)

6 (b)(4)

7
8 MALE PARTICIPANT: (Inaudible) right.

9 MALE PARTICIPANT: There's enough
10 (inaudible).

11 MALE PARTICIPANT: (Inaudible).

12 MALE PARTICIPANT: Yes.

13 MALE PARTICIPANT: Yes, that's right.
14 (Inaudible) so it's not too far off. It's probably
15 been a couple of hours.

16 MALE PARTICIPANT: (b)(5)

17 (b)(5)

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23 MALE PARTICIPANT: It's, I would imagine,

24 (b)(5)

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(b)(5)

MALE PARTICIPANT: (b)(5)

MALE PARTICIPANT: (b)(5)

(b)(5)

MALE PARTICIPANT: Right.

MALE PARTICIPANT: It's complicated.

MALE PARTICIPANT: They don't have
(inaudible) I guess.

MALE PARTICIPANT: I don't know. My guess
is no. They didn't appear to have (inaudible).

MALE PARTICIPANT: Okay. (Inaudible) on

(b)(5)

FEMALE PARTICIPANT: (Inaudible).

MALE PARTICIPANT: You just come out with
all this stuff.

FEMALE PARTICIPANT: I know. (Inaudible).

MALE PARTICIPANT: You should be in this
chair.

FEMALE PARTICIPANT: Then I wouldn't have
time to find all this stuff.

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1 MALE PARTICIPANT: (Inaudible).

2 MALE PARTICIPANT: I think (inaudible).

3 MALE PARTICIPANT: (Inaudible).

4 FEMALE PARTICIPANT: (Inaudible).

5 MALE PARTICIPANT: Okay.

6 MALE PARTICIPANT: The other thing the
7 Reactor Safety Team was working on is updating the
8 spent fuel pool document that, I guess, is (inaudible)
9 document. And you're still waiting for comments on
10 that?

11 MALE PARTICIPANT: Naval Reactors was
12 (inaudible) and sent out to the consortium (inaudible)
13 around 4:00 today. Naval Reactors (inaudible) on
14 adding comments.

15 MALE PARTICIPANT: And (inaudible)
16 document is this now?

17 MALE PARTICIPANT: This is the spent fuel
18 pool document.

19 MALE PARTICIPANT: And this is OUO, right?

20 MALE PARTICIPANT: Right.

21 MALE PARTICIPANT: So --

22 MALE PARTICIPANT: It relates back to your
23 point about we need (inaudible) --

24 MALE PARTICIPANT: Yes. And the decision
25 isn't going to be made tomorrow, but non-government

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1 agencies, I would think that we would, I don't see why
2 this would have anything right now other than a draft.

3 Let's just comment on the draft. There's no need to
4 send them the final until this issue gets resolved.

5 MALE PARTICIPANT: Yes.

6 MALE PARTICIPANT: I just don't want to
7 have a one-two punch --

8 MALE PARTICIPANT: Yes.

9 MALE PARTICIPANT: -- coming out with the
10 New York Times (inaudible).

11 MALE PARTICIPANT: Is it worth me bringing
12 up on this call that this is an issue?

13 MALE PARTICIPANT: Yes, it's public
14 knowledge that it's out there, so my own decisions
15 will be made tomorrow (inaudible) corrective action
16 we're taking is, you know, we appreciate everything
17 that you're doing, but we'll do what we can to stand
18 by on some of (inaudible) we need your input and we
19 want your comments on the draft, but, hopefully, you
20 understand that, for the time being, we're going to
21 hold off pending the final.

22 MALE PARTICIPANT: Okay.

23 MALE PARTICIPANT: Do you guys agree with
24 that?

25 MALE PARTICIPANT: (Inaudible) agree.

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1 MALE PARTICIPANT: Yes.

2 MALE PARTICIPANT: Okay. (Inaudible) we
3 get that on tape. I'm teasing, I'm teasing.

4 MALE PARTICIPANT: We're on?

5 MALE PARTICIPANT: (Inaudible).

6 MALE PARTICIPANT: (Inaudible).

7 MALE PARTICIPANT: Okay. Sorry
8 (inaudible).

9 MALE PARTICIPANT: We had all kinds of
10 interesting discussion.

11 MALE PARTICIPANT: Yes (inaudible).

12 MALE PARTICIPANT: Okay.

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(CONFERENCE CALL INITIATED)

RECORDED VOICE: There are currently 14 participants in your conference. The following people are in the conference.

MALE PARTICIPANT: Headquarters Operations Officer Monitor (phonetic).

GARY WALDROFF (PHONETIC): Gary Waldroff (phonetic), INPO.

LIEUTENANT COLONEL PRICE (PHONETIC): Lieutenant Colonel Price (phonetic), PACOM (phonetic) (inaudible).

RICK NIELSON (PHONETIC): Rick Nielson (phonetic), INPO.

ANDREW MCKENNA (PHONETIC): Andrew McKenna (phonetic), JSFJ-J4 (phonetic).

JIM LYNCH (PHONETIC): Jim Lynch, INPO.

GLEN SOUTHERN (PHONETIC): Glen Southern, Naval Reactors.

JAY TILDON (PHONETIC): Jay Tildon (phonetic), DOE NMSA (phonetic).

MALE PARTICIPANT: NRC Japan team.

MALE PARTICIPANT: Industry Support Team Tokyo.

FEMALE PARTICIPANT: (Inaudible)

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1 Department of Energy.

2 RECORDED VOICE: Roster playback is
3 complete.

4 ROY ZIMMERMAN (PHONETIC): Hi, good
5 evening. This is Roy Zimmerman (phonetic). I'm the
6 Executive Team director this evening and will be for
7 the four next evenings for continuity.

8 First, let me thank you for participating
9 in this important activity, not only on this call but
10 on all the calls that have preceded it and future
11 calls that we'll be having on this. This is a very
12 important activity. To give you a little bit of
13 perspective, from having been away from this for a few
14 days on other things and then coming back and taking a
15 look at it, I think the consortium is making
16 considerable progress in a very organized fashion in
17 identifying the equipment and the technology needs
18 that the government of Japan has requested and has, in
19 an orderly way, gone through and identified what we
20 can get, what the time frames are. And the document
21 that we talk from I think provides a great deal of
22 information. So I thank you and I credit you for the
23 good work that's gone into building the tracking list
24 that we go through each evening.

25 With regard to roles and responsibilities,

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1 I think, to a large part, a lot of those have been
2 addressed fairly well with the various entities. An
3 area that we continue to focus on is the federal
4 government lead and, for the time being, NRC will
5 continue to facilitate these discussions until we hear
6 from our partners in DOE, who I'm told now from a
7 couple of different senior-level meetings that have
8 been given the role of doing the support necessary for
9 leading this important activity.

10 If that's not been what DOE has been
11 hearing, we'll continue to work that out and, again,
12 facilitate these calls. If, on the other hand, DOE
13 has heard more of what the NRC is (inaudible) be glad
14 to relinquish that role. We'll still participate
15 obviously, but I know that others on this call are
16 looking for the federal government (inaudible) the
17 lead federal agency is.

18 So as we go around, and if DOE has any
19 update on that, please share. Otherwise, we'll
20 continue to kick off these meetings.

21 Does anybody have any opening comments
22 they would like to make before we get to the
23 individual (inaudible) of what's been walked through
24 in some detail?

25 JAY TILDON: So this is Jay Tildon with

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1 (inaudible), and I think that we're very comfortable
2 with how NRC is doing this. We think that's great.
3 And I think what we're kind of waiting on is for the
4 embassy to figure out how this list gets merged with
5 their list --

6 ROY ZIMMERMAN: Right.

7 JAY TILDON: And then that can then, from
8 there, we can figure out exactly how we want to
9 restructure some of the phone calls.

10 ROY ZIMMERMAN: That's fine. Again, we
11 have no problems, you know, continuing to facilitate
12 for the interim period of time. I know that DOE has
13 been carrying a lion's share of the load as we go
14 through these action items, and that's really what's
15 important here. So thank you, Jay, for your thoughts.

16 Anybody else before we launch into the
17 individual items?

18 TIM CHIPOLLO (PHONETIC): Yes, this is Tim
19 Chipollo (phonetic) from Embassy Tokyo.

20 ROY ZIMMERMAN: Yes.

21 TIM CHIPOLLO: To that last point, I think
22 that last night we got a pretty major update from the
23 GOJ on the list. I wanted to, wanted to go over
24 today, we've got a bunch of changes as far as point of
25 contacts and some details on status of response and a

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1 little clarification on several of the equipment
2 requests. For today's call, I wanted to just go over
3 which items the GOJ has said are off the list that
4 they no longer need. And then afterward, I'll update
5 all the, roll all those GOJ changes into the
6 spreadsheet and send it back to this group.

7 ROY ZIMMERMAN: Okay. That would be very
8 useful, Tim. I would assume that you'll bring those
9 up as we go through the items? We'll still take them
10 one at a time, as we've done in the past.

11 TIM CHIPOLLO: Correct.

12 ROY ZIMMERMAN: Okay.

13 BILL BERGER (PHONETIC): This is Bill
14 Berger, the (inaudible) team leader, just to say also
15 that we asked the government of Japan to also
16 prioritize the list. They went and scrubbed it, but
17 we're actually asking for their highest priorities.
18 And we're going to have a meeting today of the smaller
19 technical group to look at other issues around this
20 spreadsheet, like, if there's low-level contamination
21 on some of the parts going in, how do you get that
22 into Japan and how do they set up the system to be
23 able to receive this, given all of their regulations
24 that they have here, so that's (inaudible) --

25 MALE PARTICIPANT: Okay. (b)(5)

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15 (b)(5)
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17 MALE PARTICIPANT: Okay. Well, that
18 sounds like the most appropriate way to do it is the
19 folks that are (inaudible) will get the best
20 information and direct dialogue with the government of
21 Japan in terms of what they want and what they're
22 willing to accept. So, again, we very much appreciate
23 those folks that are in country.

24 ROY ZIMMERMAN: Okay. Are we ready to
25 proceed? Any other comments before we proceed through
the action items?

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1 (No response.)

2 ROY ZIMMERMAN: All right. Who wants to
3 take the lead on walking us through item one?

4 RICK NIELSON: This is Rick Nielson. I'll
5 handle that. A little bit of update to bring to the
6 group here. San Onofre has shipped their items, so
7 that may have already landed in country. That is,
8 those radiax (phonetic) are targeted to TEPCO. It's
9 TEPCO's receipt there, so we'll deal with them to make
10 sure they got what they were expecting and that it
11 arrived okay.

12 MALE PARTICIPANT: That's great. I
13 remember reading a report one or two back that South
14 Texas was also involved in this. Was that determined
15 to not be necessary or -- oh, it was contaminated?
16 Okay.

17 MALE PARTICIPANT: That goes back to the
18 prior dialogue we just had.

19 RICK NIELSON: Right. Very similar.
20 South Texas had two parcels. One had low-level
21 contamination, and they were told by their point of
22 contact, which is the same as for San Onofre, that
23 they couldn't receive it. So they, I believe they
24 have shipped the other one. I didn't get confirmation
25 of that today, (b)(4)

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(b)(4)

MALE PARTICIPANT: Are we trying to work in country on that, or how is that being done?

RICK NIELSON: It was a point-to-point discussion at this point, but anything that, anything that the team in Japan, the (indiscernible, possibly "dark") team in Japan can do to work through that. I'm sure there are going to be other cases where there's low-level contamination for surplus goods that are worth sending and that they need to, I would say they need to work through on how to deal with that so they can receive those goods.

MALE PARTICIPANT: Thank you.

RICK NIELSON: The last item I'd mention is, I believe I mentioned it last night, I see that we did not update this. This was our shortcoming at INPO. I thought that we had, but I think we just updated the internal document that we're tracking it by and didn't get it to the NRC point of contact.

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1 I'll correct that. But Bruce has either shipped a
2 small number, I think three or four is what they were
3 considering to ship by air of the hand and frisk
4 (phonetic) monitors, and I believe that would have
5 left by now. Again, I haven't been able to confirm,
6 but I would suspect that that's the case. And that's
7 all I have to report, unless there are questions.

8 MALE PARTICIPANT: This is Alan
9 (phonetic). One quick question. The monitors from
10 Bruce, they were going to the government of Japan or
11 were they going to TEPCO?

12 RICK NIELSON: The monitors are going to
13 government of Japan. There's a government point of
14 contact.

15 MALE PARTICIPANT: Okay. So that one is
16 private industry to government. The other two I think
17 are industry to industry.

18 RICK NIELSON: That is correct.

19 MALE PARTICIPANT: Okay.

20 TIM CHIPOLLO: One suggestion that --
21 again, Tim Chipollo in Tokyo. As we go through this,
22 because we've got different numbering systems and
23 different spreadsheet, when we identify the item in
24 the beginning, in addition to the number, just say the
25 equipment supplies requested so, you know, for

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1 example, aerial survey for AMS (phonetic)
2 measurements.

3 MALE PARTICIPANT: Yes, very good. So
4 that was item two point, it looks like 2.Bravo, 2
5 Bravo.

6 MALE PARTICIPANT: What was the item, I
7 mean, in words?

8 MALE PARTICIPANT: Okay. There were two
9 things or three things. From San Onofre, there were
10 six (indiscernible, possibly "teletectors") that were
11 sent. From South Texas, there were various radiax
12 (phonetic), several teletectors (phonetic), and other
13 radiax (phonetic). And what they were unable to send
14 were some, I think it was airborne contamination
15 monitors that had internal contamination, so they were
16 not able to send those. Bruce has hand and foot
17 monitors, hand and foot friskers (phonetic), and they
18 were going to ship four of those by air, and they had
19 others in reserve that may go later by sea.

20 MALE PARTICIPANT: What was South Texas
21 shipping?

22 MALE PARTICIPANT: They were shipping,
23 they had some teletectors (phonetic) and other radiax
24 (phonetic), plus they had some internal contamination
25 on some airborne contamination samplers, so those were

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1 not shipped because Japan was not or TEPCO was not
2 able to receive those.

3 MALE PARTICIPANT: Okay.

4 MALE PARTICIPANT: Is there somebody on
5 the dark (phonetic) team that can work with Mr.
6 Nielson to get that figured out? Because you would
7 think that airborne monitors would be important at
8 this point and that should be a high priority issue.

9 MALE PARTICIPANT: That's (inaudible)
10 Texas working group meeting today to try and work
11 through issues like that. It's going to be more
12 difficult when it's private side to TEPCO donation
13 than when it's to the government of Japan.

14 MALE PARTICIPANT: Yes. Most of the INPO
15 donations, us representing the industry, are going to
16 be that there's going to be potential contamination.
17 They will be free released when that's possible, but
18 there are going to be some things that are likely to
19 have low level contamination, and it would be terrific
20 if we could get that dealt with up-front just so that
21 we have a portal to get through there.

22 MALE PARTICIPANT: (b)(5)

23 (b)(5)

24
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1 (b)(4)

2
3
4 MALE PARTICIPANT: (b)(4)

5 (b)(4)

6 MALE PARTICIPANT: Well --

7 MALE PARTICIPANT: We'll do what we can to
8 (inaudible) the process, but, you know, once again,

9 (b)(4)

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be
ll
ep

10
11
12
13 (b)(4)

14 MALE PARTICIPANT: (b)(4)

15 (b)(4)

16
17
18
19 MALE PARTICIPANT: Okay. So you're going
20 to, Mr. Nielson, (b)(4)

21 (b)(4)

22
23
24 MALE PARTICIPANT: We're going to broker
25 the issue today with the government of the need to

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1 have somebody in the government who can manage when
2 these kinds of issues come up, but that's a
3 conversation that's just starting and I don't know
4 that we're going to be able to accommodate this
5 particular request. We're working on their time
6 frame.

7 MALE PARTICIPANT: Okay. Yes, you just
8 may want to make it clear that these are airborne
9 monitors and, based on what we know, you'd think that
10 would be a high priority.

11 MALE PARTICIPANT: (Inaudible).

12 MALE PARTICIPANT: Okay.

13 RICK NIELSON: That's the end of my
14 report.

15 MALE PARTICIPANT: Okay. Thanks very
16 much. I've just got a general question for the group
17 as we go through this. This document, I think, is
18 primarily for our use, more so than anyone else's.
19 There's a number of columns here that don't carry very
20 much information after the comments section on it.
21 And the question is does that work for us, or do we
22 want to try to come up with target dates for some of
23 these items or not? This is a generic question about
24 whether we want to use those other columns or to leave
25 them here and fill them in when we feel there's an

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1 absolute need and definitive information. Right now,
2 a lot of it is maybe this priority will supercede some
3 of the types of information we're trying to get
4 through that for those columns.

5 MALE PARTICIPANT: We're hoping that the
6 government comes back that we ask them to rank these,
7 all of these requests in terms of priority for them.
8 And, of course, once again, if they rank the airborne
9 detectors as a very high priority, that then gives us
10 the ground to turn back around, okay, if it's such a
11 high priority, here's what we need to sort out. So we
12 will get our, we're looking for a rank list to come
13 back to us today or tomorrow.

14 MALE PARTICIPANT: Okay, very good.

15 MALE PARTICIPANT: I think the
16 reimbursement column needs to stay in there. We
17 should probably change it from a yes/no because
18 they'll be, leave it just open because they'll be some
19 that say, you know, reimbursement for shipping,
20 reimbursement for duties, whatever. So it may not be
21 a binary column.

22 MALE PARTICIPANT: Yes. I think for the
23 assistance to the government from sources other than
24 private industry and United States, there's discussion
25 in Washington now about reimbursement --

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1 MALE PARTICIPANT: Right.

2 MALE PARTICIPANT: -- and what the policy
3 is going to be on that. There's a meeting tomorrow in
4 Washington, so after that meeting we should hopefully
5 have some clarity on this issue. But we definitely
6 want to keep that (inaudible).

7 MALE PARTICIPANT: Yes. Unless we get a
8 blanket policy, say reimburse everything or reimburse
9 nothing, I think we're going to need that.

10 MALE PARTICIPANT: All right. Whoever has
11 got the lead for it should be filling in and providing
12 as much information as they possibly have. That
13 should include each of those columns, I would think.

14 MALE PARTICIPANT: Yes. That's sort of
15 what I was driving at is how much do we want to put
16 the effort into doing it. And if we want to try to
17 take the time and we have the information, then we
18 should decide, yes, we're going to put it in as best
19 we have it and we'll modify it as we need to.

20 MALE PARTICIPANT: Just one more general
21 point. We've got a status of response and a comment
22 in the current version. I think status of response is
23 something we want to be able to share with the GOJ as
24 we give them their copy. Comments are more for
25 internal (indiscernible, possibly "USC") use.

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1 MALE PARTICIPANT: Okay. Thank you. All
2 right. Then we'll move on. I think we finished our
3 comments on 2.B, and the next one is embassy number
4 three, conduct of a simulation by the radiation
5 diffusion model (inaudible) simulation by the Japan
6 side.

7 JAY TILDON: I don't believe we have --
8 this is Jay Tildon. I don't believe we have any
9 updates. That is ongoing. I provided some comments
10 last night on that. So I don't see that there's any
11 problems there.

12 MALE PARTICIPANT: Okay. Is there
13 anything else that we need to do or (inaudible)?

14 JAY TILDON: So it's kind of an ongoing
15 thing, so if we want to take it off I guess I'm fine
16 with that.

17 MALE PARTICIPANT: You just want to say
18 ongoing, seeing that they're sharing the data for the
19 model (inaudible) working, there's nothing else that
20 sounds like needs to be done.

21 JAY TILDON: Right, not that I'm aware of.
22 Unless the embassy team kind of tells us that we've
23 either not delivered or need to do something else, we
24 could go ahead and close this.

25 MALE PARTICIPANT: All right. Let's move

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1 it to closed, unless somebody sees it differently.

2 MALE PARTICIPANT: Sounds good.

3 MALE PARTICIPANT: The next item is number
4 four, use of the (inaudible) semiconductor detectors
5 for measuring the extent to which water and foods are
6 exposed to radiation.

7 MALE PARTICIPANT: So two units were
8 loaned to the government of Japan. I don't know which
9 agency, whether it was NISA or not. Today, I believe,
10 another two are being shipped. I will get validation
11 on whether it's two or four, but I know whatever the
12 next increment was is already on its way.

13 MALE PARTICIPANT: Okay. That's good
14 news. Anything else on that item? Questions?

15 (No response.)

16 MALE PARTICIPANT: Item 2.A, use of
17 radiation monitoring devices on the ground, stationary
18 type.

19 MALE PARTICIPANT: Yes, and that is also,
20 we're really waiting on trying to, the government of
21 Japan to go ahead and tell us what they want to do
22 there. But I believe, my understanding is the
23 equipment is already there, and we're ready to go if
24 that's what they want to do.

25 MALE PARTICIPANT: So the next action

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1 belongs to who?

2 MALE PARTICIPANT: To the government of
3 Japan.

4 MALE PARTICIPANT: Do we need to
5 (indiscernible, possibly "tickle") them?

6 MALE PARTICIPANT: That's a good question.

7 MALE PARTICIPANT: I think the answer is,
8 in the meeting this afternoon we'll have to discuss
9 this, but did I hear you correctly in saying that all
10 the equipment is here in Japan?

11 MALE PARTICIPANT: I don't know about all.
12 I know all the DOE pieces of it are there. I don't
13 know -- so, again, I don't know exactly how extensive
14 this is, and that could be part of a negotiating
15 factor.

16 MALE PARTICIPANT: Okay. (Inaudible)
17 details on it.

18 MALE PARTICIPANT: We'll have to get
19 enough details on it. We have to understand what,
20 where, and when so we can talk about it with the
21 Japanese government.

22 MALE PARTICIPANT: Yes.

23 MALE PARTICIPANT: So I would try to
24 connect with Ron Cherry (phonetic) on this. He's
25 normally on these calls, and I haven't heard him the

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1 last two nights or two days, I guess, for you guys.
2 Sorry. So that would be my first (inaudible). And in
3 talking with Joe Cole (phonetic), he told me that our
4 equipment was there and we were ready to do it if they
5 wanted us to do it, if they, the government of Japan,
6 but that's not been decided.

7 MALE PARTICIPANT: I'm just going to
8 (inaudible) I'm just going to say on the list
9 (inaudible) tomorrow, unless we have an action plan on
10 either finding out the specifics of what else needs to
11 be done, so that we can go to the government of Japan
12 and tell them everything is there or we're waiting on
13 something else. (b)(5)

14 (b)(5)
15
16

17 MALE PARTICIPANT: Yes. We really need to
18 have DOE come back and tell us what's in country right
19 now. And --

20 MALE PARTICIPANT: I (inaudible).

21 MALE PARTICIPANT: Yes. DOE has no
22 (inaudible). Okay, yes. Then we'll just have to
23 make, to move forward on this, we're going to have to
24 make sure that Ron is up to speed on the specific
25 items so that we can talk about the specifics that are

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1 available in country, as well as out of country, and
2 understand what Japan wants.

3 MALE PARTICIPANT: The next step is, Alan,
4 you were one of the folks here that's going to talk to
5 Ron with DOE to make sure we got what we need so we
6 can carry on that dialogue with Japan?

7 MALE PARTICIPANT: Yes, I believe he's
8 going to be in the discussion this afternoon, so he'll
9 need to be prepared to go through the equipment in
10 Japan and the availability of other equipment. So
11 that action right now is with the embassy and with DOE
12 at the embassy.

13 MALE PARTICIPANT: Okay.

14 MALE PARTICIPANT: Right. And I think
15 that that's the way you got to do it because,
16 ultimately, you just got to call down to the folks
17 (inaudible), which is where most of our folks are
18 deployed, and they know exactly what they have there.

19 RICK NIELSON: This is Rick Nielson from
20 INPO. Just for completeness, there are other robotic
21 devices that are in country now. Westinghouse has,
22 separately contracted of course, that they have
23 robotic devices that they're using. They are in
24 country, and I imagine they're very close to being
25 deployed.

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1 MALE PARTICIPANT: Rick, that would be
2 industry to industry, though, correct? Westinghouse
3 is contracted with TEPCO?

4 RICK NIELSON: Yes, that is correct.

5 MALE PARTICIPANT: Okay. We can never
6 find out from industry to industry if they're, once
7 again, superceding some of the requests we're getting.
8 That would be very helpful to know so we're not going
9 through this drill that it's already being provided
10 through the private sector.

11 RICK NIELSON: Correct. And that's why I
12 brought it up because there is some relevance to
13 having that information. The Westinghouse effort is
14 to determine the condition of the spent fuel pool, so
15 that's what their focus is.

16 MALE PARTICIPANT: Did you all jump an
17 item ahead of me? Are you talking on five now, on the
18 robotics?

19 MALE PARTICIPANT: Yes, yes. They jumped
20 ahead. We have not (inaudible) robotics yet. (b)(5)

21 (b)(5)
22
23
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1 MALE PARTICIPANT: Okay. But on item 2.A,
2 on the rad monitoring devices, is there anymore
3 dialogue on that, or are we good to go based on what
4 we discussed?

5 MALE PARTICIPANT: I think we have a plan
6 on that item, so we are ready to move on then, right?

7 MALE PARTICIPANT: Hearing no
8 disagreement, it sounds like 2.A, Alan is going to
9 talk with Ron on that. Is there anymore dialogue on
10 the robotic devices, which is item 5?

11 MALE PARTICIPANT: (b)(5)

12 (b)(5)
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24 MALE PARTICIPANT: Okay. So let me phrase
25 it differently. The length of time we think before

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1 we're able to come up with one list and merge the
2 embassy list with this list, does anybody have a
3 perspective on that?

4 TIM CHIPOLLO: May I make a bold proposal
5 here? Tim Chipollo from the embassy. After this
6 call, why don't I fold in all the GOJ input from last
7 night into the sheet that Eric Stull (phonetic) and I
8 did with the NRC and embassy list combined and send
9 that out to everybody here and make the request that
10 anyone with knowledge of industry to industry work and
11 add it on this list and we use this starting tomorrow
12 for the daily call? Are there any objections to that
13 or other suggestions?

14 RICK NIELSON: I've got another -- this is
15 Rick Nielson. Another suggestion is, I don't know if
16 you have any interaction with Al Hochabar (phonetic),
17 but he has the clearest view of the industry to
18 industry efforts there in Japan. So I would touch
19 base with him. He's very willing and anxious to be
20 involved in that discussion, and he has a clearer line
21 of sight of what's being done industry to industry
22 than we would in the States.

23 MALE PARTICIPANT: I think we need
24 (inaudible) with Al and set up a quick call this
25 morning to step through that.

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1 MALE PARTICIPANT: This is (inaudible)
2 again. I tend to agree. I realize that, perhaps, the
3 first two times we do this may be a little more
4 chaotic than it is. But I think that's the way to go
5 because, ultimately, what we're trying to do here is a
6 combination of validating what the requirements are,
7 then understanding whether or not industry should be
8 delivering it or whether or not we should be
9 delivering it based on timing, based on availability,
10 based on specialization, based on costs, and also
11 making sure that we're not all delivering the same
12 kinds of things in one area and then missing a whole
13 other area. So I think that absolutely makes sense.

14 MALE PARTICIPANT: That's (inaudible)
15 thing we tried to set up here. And the other piece
16 that we've added into that is other donor countries
17 that are already working some of these pieces. (b)
(5)

18 (b)(5)
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21

22 MALE PARTICIPANT: So somebody at the
23 embassy is going to take the lead then to be that --

24 MALE PARTICIPANT: We've already convened
25 donor meetings, and when we get the prioritized list

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1 from the government and whether we need to add that we
2 think we're going to work on we will set up that, we
3 will talk about that with the other countries here who
4 are providing assistance to make sure that they're not
5 already doing it or haven't already done it.

6 MALE PARTICIPANT: Yes. And, actually,
7 condensing the list, I think we've been running in
8 parallel for the last few days now. So we do have a
9 list at the embassy that we've been synchronizing with
10 the NRC list with the thought that, hopefully, towards
11 the end of this week that we'll be able to move the
12 embassy list up to the Ops Center to be distributed
13 for this call. So we have been running a shadow list
14 down here, trying to sync everything up. And we
15 started that early this week.

16 MALE PARTICIPANT: One additional bit of
17 information to Al Hochabar as being relieved by Lee
18 Gard, G-A-R-D. Al has been in Japan for three weeks,
19 and we're going to set up a three-week rotation
20 between him and Lee Gard. So just be aware that
21 transition is taking place this week, and Lee is in
22 country and should be taking over the reigns from Al.

23 MALE PARTICIPANT: (Inaudible), you and I
24 can get together after this phone call and smooth out
25 the details with this industry to industry stuff.

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1 But, surprisingly, it's very few. We've passed most
2 of this stuff on to Rick Nielson at INPO, and they can
3 work in country. But we'll iron out the details.
4 Thanks.

5 ROY ZIMMERMAN: This is Roy Zimmerman
6 again. Did I pick up from the various points of view
7 that there's a desire to see the two lists mesh and
8 that we think we can do that within the next few days?

9 MALE PARTICIPANT: That's correct. We've
10 been running a shadow list down here, updating it with
11 the NRC list. We tried to start, I think, Monday, and
12 then we renumbered the embassy list, trying to
13 condense it. So we (inaudible) a little bit, but I
14 think for the last few days, Wednesday and Thursday,
15 we've had a shadow list and Eric has been working with
16 the Ops Center to get the information down here and
17 keep it up to date. So I think we're pretty close,
18 once we get through the government of Japan meeting
19 this afternoon, to really have a final list that
20 should be in sync with the NRC list that we can then
21 start to use the embassy's list for this call moving
22 forward. So we've been working on it. I think we're
23 almost there.

24 MALE PARTICIPANT: Sounds great. Okay.
25 I'll keep this moving. We were talking on item 5, the

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1 robotic devices. Did anybody have anything else that
2 they wanted to add on that item?

3 MALE PARTICIPANT: That item is still
4 accurate. The items that are being discussed there
5 are on the way, and, again, we have been discussing
6 with the kinetic (phonetic) crowd that's already in
7 town, as well as censor packages for the other
8 robotics I think were mentioned that are in country
9 already. We are still waiting on kind of a combo
10 decision. We floated the idea of sending a technical
11 expert over to the government of Japan. I think Ron
12 wanted me to get a kind of a sense of whether or not
13 the Japanese government wanted (inaudible) to help
14 with this robotic piece. So that's kind of where we
15 are on that. So if we get a head nod of they're
16 interested, we'll send a proposal over. We already
17 have the people identified, and they can travel in a
18 matter of two days.

19 MALE PARTICIPANT: Okay. So we'll add
20 that to the comments that (inaudible) a technical
21 expert, and the in country team will have that
22 dialogue with the Japanese to see whether they have
23 that need or not for the technical experts. And
24 that's supposed to arrive in a couple of days.

25 MALE PARTICIPANT: Yes. The roadblocks

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1 arrived Friday. The technical experts can arrive
2 probably three days (inaudible).

3 MALE PARTICIPANT: Okay. All right. This
4 is a little (inaudible) by the way, again, I've got
5 the in country team to work with the government to see
6 if they want the experts or not, probably after they
7 see the robots, or if they know ahead of time that
8 they want the experts then they can make that known to
9 us maybe in the meeting this afternoon, if that's
10 feasible.

11 All right. Item 27, use of (inaudible)
12 (nitrogen). Now, we were trying to make sure that
13 this item (inaudible) trying to understand do we
14 really know what the request is. Still awaiting
15 clarification.

16 MALE PARTICIPANT: That's correct. Still
17 waiting clarification. Hopefully, at the government
18 meeting today we'll get some clarification on that.
19 If we go back to the last one that we just talked
20 about, the DoD robotics I think, do we know who's
21 paying for that at this point in time? Oh, I'm sorry,
22 the DOE. Excuse me. DOE.

23 MALE PARTICIPANT: Yes. So to be clear,
24 it's only one robot. It is three additional radiation
25 sensors. It is five radiation-hardened cameras, and

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1 it's one gamma cam. And we are paying for that. We
2 are paying for the transport, and we will pay for the
3 experts.

4 MALE PARTICIPANT: Okay.

5 MALE PARTICIPANT: Okay. So we take notes
6 and update this as best we can. Are you also marking
7 these up and sending them into us? Because you
8 indicated there's more to this than just the one
9 robot. I'm trying to capture the action item
10 description as detailed as we can.

11 MALE PARTICIPANT: All that is written in
12 the current status and expected timing now. The only
13 thing that is not in comments is we're awaiting a
14 government of Japan decision on whether or not they
15 want a technical expert team to come over.

16 MALE PARTICIPANT: Okay. My only point
17 was that you listed a variety of hardware that makes
18 up this item 5, and I don't know if we have all that
19 captured in this write-up or not.

20 MALE PARTICIPANT: Yes, it's there.

21 MALE PARTICIPANT: Okay. All right. We
22 move on to item 23, (inaudible) retrieving, treating,
23 and storing/disposing of turbine building water.

24 FEMALE PARTICIPANT: There's an updated
25 paper that is going to be released tomorrow, and I'll

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1 send a written update. It's an options paper that
2 presents options for the water management concept. So
3 I'll provide an update on that.

4 I do have a question about the current
5 comments. There was a comment introduced, I'm not
6 sure where it came from and whether it should remain
7 there, which is the need to develop a single water
8 management team to handle all water issues once a
9 decision is made on how to proceed forward. I'm not
10 sure that that's, I think that's an interesting
11 concept. I'm not sure that it belongs on this item
12 tracking list. Do we know where that comment came
13 from in terms of at least the current version of the
14 table that I see?

15 MALE PARTICIPANT: Does anybody have a
16 response to that about how that item got added?
17 (Inaudible) came up on Sunday. This item was
18 discussed on Sunday, and then this item was added.

19 FEMALE PARTICIPANT: Okay. Well, right,
20 but the item is fine. There's a statement in the
21 comments section on that item that I'm not recognizing
22 where the wording came from in the comments, which is
23 (inaudible) to the need to develop a single water
24 management team. I'm not sure what the genesis of
25 those words were and whether it really belongs in this

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1 tracking item.

2 MALE PARTICIPANT: (Inaudible).

3 MALE PARTICIPANT: I'm not sure if
4 (inaudible) the conversations we had. But just
5 looking at the list and all of the water management
6 items, we thought that there should be an overarching
7 water management line item with many sub-items
8 underneath it. I didn't know if that was the genesis
9 of that comment or not, but that would be the only
10 thing that I could offer that may represent how that
11 got into the comments section.

12 FEMALE PARTICIPANT: Okay. Well, just
13 keep this active. That may be a good idea and it may
14 be fine to keep it there. I'm just not sure that that
15 reflects consensus of where this activity is going.
16 When this paper is submitted, we'll see what kinds of
17 response comes in terms of any further requests for
18 input or advice. I think I recall that there may be,
19 that TEPCO may be seeking actual support from industry
20 to proceed in this area, that it may not require
21 specifically U.S. government assistance, and the U.S.
22 government may become more of a commenter role on
23 proposed plans. And that may be the case; I think we
24 just have to see how this activity evolves. But in
25 terms of the item, we're going to be submitting a

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1 paper (inaudible) discussion, when that paper is
2 submitted, whether that constitutes a closed action.

3 ROY ZIMMERMAN: Okay. Not having been
4 involved -- again, this is Roy Zimmerman. Not having
5 been involved in the Sunday discussion, for somebody
6 that was involved, does the word approach help more
7 than team? Is that the thought to develop a single
8 water management approach, so you don't have left-
9 hand/right-hand problems and fixing one problem and
10 having an unintended consequence at the other end?

11 MALE PARTICIPANT: I really think, Roy,
12 that DOE probably has the leadership on this, but we
13 may need some more information from the government of
14 Japan and perhaps some more information from TEPCO
15 because, as we move forward, this may morph from DOE
16 supporting heavily in the beginning and then backing
17 out as time goes on with private industry. So I think
18 really we should have some more detail perhaps at the
19 cabinet meeting. And before the cabinet meeting, the
20 conversation that INPO and I have may shed some
21 additional light if there's already some private
22 sector work going on in this area.

23 MALE PARTICIPANT: Okay.

24 MALE PARTICIPANT: So I guess I'm saying
25 it's probably a dynamic, at this point in time it's

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1 probably still dynamic with certain needs to have been
2 requested, and with the government of Japan meeting
3 this afternoon we'll probably get some more details.

4 MALE PARTICIPANT: All right. So we'll
5 leave it the way it is for now then.

6 FEMALE PARTICIPANT: I'll provide the
7 update in terms of, well, tomorrow I'll be able to
8 provide a definitive update on whether the paper was
9 provided. And then perhaps we can hold it open until
10 further guidance is provided by government of Japan
11 and --

12 MALE PARTICIPANT: Sounds good.

13 FEMALE PARTICIPANT: -- and as we go
14 through the action of merging, I would be interested
15 in seeing how this item was captured in the embassy's
16 version of the list or was this uniquely on the NRC
17 list.

18 MALE PARTICIPANT: I don't think
19 (inaudible) at the embassy list. I'm not sure if it's
20 on the embassy list.

21 FEMALE PARTICIPANT: Okay.

22 MALE PARTICIPANT: All right. More to
23 follow on that one tomorrow. That will move us on to
24 embassy item also marked 23. Item number 31 also
25 corresponds to a temporary holding tanks and tanker

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1 trucks as a temporary holding area for removing
2 contaminated water. Is this open?

3 MALE PARTICIPANT: So that is still open.

4 That is being worked. We have had some initial back
5 and forth through Ron Cherry and Alicia Duncan
6 (phonetic) with NISA and TEPCO. One of the things we
7 had said was we need to know the priority of this, and
8 I'm glad to hear from the embassy team that, you know,
9 that's something that you've asked them to do.
10 Ultimately, these are large objects, and, if they need
11 them fast, the only way to get there is heavy-lift
12 aircraft. We could explore military, but it would
13 probably be more quick to (inaudible) commercial, like
14 they did with the concrete pumpers.

15 We offered up this morning about, you
16 know, we're willing to give these items over if
17 TEPCO/government of Japan is willing to pay for the
18 freight. And so that's where we are is we need to
19 know do they want it to go by sea or by air, and
20 that's actively being worked now. I saw emails going
21 back this morning about that.

22 MALE PARTICIPANT: Okay. I appreciate
23 that update. The part that I'm still struggling with
24 on this is we don't have, we don't capture next steps
25 well. So if we're trying to push ourselves and push

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1 those that are the next organization that we need to
2 deal with on it, you know, I can see us each night
3 revisiting the item, whereas it seems like we should
4 be targeting what that next step is that we decided
5 and ensuring it hasn't changed and keep pushing on
6 that item until we get it done.

7 MALE PARTICIPANT: Okay. We agree with
8 that. So is it nothing more than adding the
9 (indiscernible, possibly "calm") and then putting
10 somebody on the thought to provide it during these
11 calls or during their updates of the list?

12 MALE PARTICIPANT: It depends on, you
13 know, what the overall reaction from the group is.
14 I'm just giving you my reaction that next steps would
15 be a little bit of a (inaudible) to pick up the
16 conversation there and see if the next step holds.
17 But I need to get a sense from the group whether you
18 want to go that route or you think we don't need it.

19 FEMALE PARTICIPANT: Perhaps we can
20 include in our comments just a final line in our
21 comments of what the next step is and just identify
22 that in that field.

23 MALE PARTICIPANT: And who has the lead
24 for it?

25 MALE PARTICIPANT: Okay. Let's do that.

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1 If everybody is already with that it's a good idea,
2 let's try to roll it into the comments section and who
3 we think has the lead.

4 MALE PARTICIPANT: (b)(5)

5 (b)(5)
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17 MALE PARTICIPANT: Good comment.

18 MALE PARTICIPANT: So I guess you're going
19 to hear frustration from me. (b)(5)

20 (b)(5)
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(b)(5)

MALE PARTICIPANT: I think, moving ahead, we are consolidating to one list, and we should have one list out here shortly. But we did not want to jump in the middle and get mixed up between lists. And with the work we hope to do this afternoon with the government of Japan, we should come out with a much more actionable list so that we can move ahead and hopefully bring some of these items to a head that we know specifically what they want. So I agree, and I share your frustration. But, unfortunately, I think that's where we are at this point in time.

MALE PARTICIPANT: I agree. We'll work it.

MALE PARTICIPANT: I appreciate how, you know, everybody is being honest with their feelings and everybody is pulling in the same direction to try to get as much progress made as possible. So thank you. Item 33, Japan asked for NRC expertise on temporary shielding options to determine whether the nuclear power plant buildings are strong enough to hold up under additional pressure. Comments (inaudible) to discuss further with Japan.

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1 MALE PARTICIPANT: So let me jump in real
2 quick before NRC does. We never suggested that this
3 topic be closed, so that may have been a garble. I
4 think what we had suggested was is that if NRC has the
5 lead on it, great. This could be a major problem, and
6 all we said was that DOE is probably going to be
7 involved, as well. So clarify that one.

8 MALE PARTICIPANT: Yes. And I think we
9 need to understand -- this is Alan. I think we need
10 to understand more specifically where their needs are.

11 And then the way that I view this, whether it's NRC,
12 whether it's DOE, or perhaps somebody from industry,
13 we need to reach out and find the best people that can
14 do this work. And once we do that, then we can work
15 with the government of Japan to make things happen.

16 MALE PARTICIPANT: This is another this
17 afternoon discussion topic?

18 MALE PARTICIPANT: Yes. We do plan to go
19 through the list. This is on the embassy list.

20 MALE PARTICIPANT: Okay.

21 MALE PARTICIPANT: Absolutely agreed on
22 all points.

23 RICK NIELSON: And this is Rick Nielson.
24 If Al Hochabar is still on the line, Al, you received
25 some technical suggestions on this that included

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1 points of contact, did you not?

2 AL HOCHABAR (PHONETIC): That's correct.

3 RICK NIELSON: Yes. So that may, just so
4 that this group will know, there is some industry
5 expertise that was provided to the government of Japan
6 that came from the industry. So the group ought to be
7 aware of that.

8 MALE PARTICIPANT: Yes, that was forwarded
9 to -- Alan, you got that list that I forwarded to you,
10 so I think we're all on the same page.

11 MALE PARTICIPANT: Yes.

12 MALE PARTICIPANT: Okay. Embassy item 13
13 and 14, (inaudible) personal dosimeters, iodine
14 shielding masks.

15 MALE PARTICIPANT: This is an INPO item,
16 and we're in a holding pattern on this, as we
17 discussed last night. We'll keep this open until
18 Friday, and if there's no response or indication of
19 interest in this we'll close it out and just respond
20 if there's any specific requests. What this
21 essentially is is providing a catalog of things that
22 the government of Japan may or TEPCO may find
23 important to them.

24 MALE PARTICIPANT: Okay. So you're
25 indicating that if we want it after the comment

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1 section next steps. You were indicating Friday?

2 MALE PARTICIPANT: Correct.

3 MALE PARTICIPANT: Okay. That's the next
4 time it's going to be discussed.

5 MALE PARTICIPANT: What item was that,
6 Roy?

7 ROY ZIMMERMAN: I think what I heard was
8 that it's next getting dialogued on Friday with the
9 government of Japan.

10 MALE PARTICIPANT: What item number was
11 that?

12 ROY ZIMMERMAN: It's 13 and 14.

13 MALE PARTICIPANT: Item 34.

14 MALE PARTICIPANT: Item 34. So we had
15 discussions about this a couple of times, and (b)(5)

16 (b)(5)
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1 (b)(5)
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4 MALE PARTICIPANT: All right. Alan, you
5 can discuss this today?

6 MALE PARTICIPANT: We already do have some
7 feedback on that. We'll go through that quickly. It
8 looks like the government of Japan has already lined
9 out some of the items. It looks like the 2100
10 radiation survey meters they have lined out. It looks
11 like the 5100-plus masks for iodine absorption have
12 been lined out. It looks like the 33,000 iodine
13 absorption cans have been lined out. It looks like
14 the 2600-plus personal dosimeters have been lined out.

15 MALE PARTICIPANT: Is there anything left?

16 MALE PARTICIPANT: Protective clothing.

17 MALE PARTICIPANT: Yes. So it looks like
18 2100 units head survey meters. Maybe they just moved
19 some of these into one line item now when the
20 government of Japan did it. So according to this,
21 what I show right now is 2100 units rad survey meters,
22 2600 units personal dosimeters, and 5100 units iodine
23 shielding masks, and 33,000 units iodine absorbing
24 cans. So it looks like what they did, they lined out
25 some of the redundant line items we had and moved them

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1 into one item. So we'll have to confirm that this
2 afternoon.

3 MALE PARTICIPANT: Okay, good. And that
4 means, Alan, that they want the U.S. to source those;
5 is that correct?

6 MALE PARTICIPANT: We'll have to discuss
7 that this afternoon.

8 MALE PARTICIPANT: Great.

9 MALE PARTICIPANT: Once again, some of
10 these things, like the canisters, OFDA (phonetic)
11 supplied some of those already, and that turns out
12 that the maker of those has an outlet in Japan and the
13 canisters are readily available here. That's why we
14 also have a unit here that's looking at resource
15 mapping to see what might be locally available on
16 things like this so that we're not shipping them over
17 from the States. We can either just tell them where
18 the hardware store is to pick it up, or if we purchase
19 it we purchase it locally.

20 MALE PARTICIPANT: Good. So we'll just
21 wait on the results of the meeting then.

22 MALE PARTICIPANT: Thank you. Embassy
23 item number five, use of robotic devices for rubble
24 removal. Is that item understood?

25 MALE PARTICIPANT: I'm on. Hang on.

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1 Sorry. I'm in a parking lot trying to do this because
2 I didn't make it home in time. Now I've got people
3 asking me for directions. Apologies. All right. So
4 the robotic thing, there's nothing to add. Again, I
5 believe, in talking with Chris and the embassy team,
6 that they retracted the request for equipment, and
7 they really are just going to be periodically asking
8 for advice on shielding. Again, all this depends on
9 (inaudible) radiation mapping to understand what sort
10 of fields that we're working with. I think that's all
11 open, and I think it's all accurate as-is.

12 MALE PARTICIPANT: Okay. So I guess it
13 will just remain open, and they'll ask for information
14 when they need it. We should probably change the
15 action item description. Instead of use of robotic
16 devices, it's support for the devices?

17 MALE PARTICIPANT: I proposed changing the
18 action item last night, and I think I was told that
19 they resisted wanting to change the action items
20 because they've been tracking it under these similar
21 lines. So I'm really open to however they want to do
22 it, once these lists all kind of merge. I think we're
23 very open for that.

24 MALE PARTICIPANT: Okay. Very good.
25 We'll keep moving. This embassy item --

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1 MALE PARTICIPANT: Hold on, Roy. One item
2 that we noted from what the government of Japan gave
3 us back last evening, it looks like the robotic debris
4 cleaning machines, Japan had lined out "still wants
5 advice on shielding for heavy equipment." So it looks
6 like the shielding for those has been moved out of
7 that line item, and they moved it up into another line
8 item. So we'll be revising the sheets to reflect
9 that. They still want the advice, but it's under
10 another line item.

11 RICK NIELSON: Rick Nielson here. I think
12 that we have provided some advice in that area, too,
13 so I believe the advice that might be useful has
14 already been provided.

15 MALE PARTICIPANT: Okay. More details to
16 follow.

17 MALE PARTICIPANT: All right. The next
18 embassy number doesn't have a specific number. It's
19 item two, information of sources for gamma cameras,
20 closed. So everyone on this page is closed, so I
21 assume there's no dialogue needed on that. And as I
22 keep turning pages, everything else is done. Yes,
23 unless anybody has got any comments, the next four
24 pages or so I show closed. Anybody have any different
25 take on that?

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1 (No response.)

2 MALE PARTICIPANT: Okay. So I think we've
3 completed going through the list. Any questions or
4 comments dealing with what we've already done on the
5 list?

6 ALICE CAPANITTI (PHONETIC): This is Alice
7 Capanitti at Department of Energy. I have one
8 question for clarification concerning item 30, and
9 this might be something that somebody at the embassy
10 can help with. But the comments section of item 30
11 refers to a task tracker number, and I'm wondering is
12 that task tracker still valid? Is that something
13 that's being considered, or is that information that
14 we should go ahead and strike from this item?

15 MALE PARTICIPANT: (Inaudible).

16 ALICE CAPANITTI: (Inaudible) looked at
17 when the table is updated.

18 MALE PARTICIPANT: (Inaudible) 23. That
19 is a comments column.

20 ALICE CAPANITTI: Oh, I'm sorry. Yes,
21 it's embassy item 23, NRC item 30.

22 MALE PARTICIPANT: Could you repeat your
23 question, unless somebody else is ready to answer it?

24 ALICE CAPANITTI: Yes. So in the comments
25 field on that item, there's reference to a task

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1 tracker number. And my question is is that still a
2 valid item to be tracked? If it no longer has
3 relevance to anything we're doing (inaudible)
4 information be deleted.

5 MALE PARTICIPANT: (Inaudible).

6 MALE PARTICIPANT: Whose tracker number is
7 it? Where did it come from? Does anybody know?

8 MALE PARTICIPANT: It's not the holy
9 grail. Strike it out. That way you can still see it,
10 but it doesn't count anymore.

11 MALE PARTICIPANT: Good idea. Okay.
12 Other topics while we're all together? Anybody got
13 anything else they want to raise? Should we start to
14 wind down the call?

15 MALE PARTICIPANT: Yes, this is
16 (inaudible) of Japan. We want to make sure that you
17 can send us the updated list that you have as soon as
18 possible because we're going to roll that into the
19 embassy list in preparation for the meeting this
20 afternoon.

21 MALE PARTICIPANT: Okay. We're working
22 it.

23 MALE PARTICIPANT: (Inaudible).

24 MALE PARTICIPANT: Okay. Any other
25 comments?

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1 (No response.)

2 MALE PARTICIPANT: All right. We'll wish
3 everybody a good evening. Again, thanks for
4 everybody's energy and input on this important effort.
5 And we'll chat again tomorrow night. Have a good
6 evening.

7 MALE PARTICIPANT: Roy, thanks for hosting
8 this. It's great.

9 ROY ZIMMERMAN: You bet. Bye now.
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3 (CONFERENCE CALL INITIATED)

4 MALE PARTICIPANT: This is Headquarters
5 Operations Officer Chuck Casto (phonetic) from Japan
6 that's coming on the bridge.

7 MALE PARTICIPANT: Hey, Chuck.

8 CHUCK CASTO (PHONETIC): Hi.

9 MALE PARTICIPANT: Scott Lawrence
10 (phonetic), Mike Johnson.

11 CHUCK CASTO: Hey, guys.

12 MALE PARTICIPANT: Hey, how are you?

13 CHUCK CASTO: Okay. How can we help you?

14 MALE PARTICIPANT: Are you calling in
15 response to us?

16 ROY ZIMMERMAN: Yes. Hey, Chuck, this is
17 Roy Zimmerman. We were just going through the
18 turnover here.

19 CHUCK CASTO: Okay.

20 ROY ZIMMERMAN: (b)(5)

21 (b)(5)
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15 (b)(5)
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17 CHUCK CASTO: I think the information is
18 muddled here.

19 ROY ZIMMERMAN: I hope it's muddled
20 because that may clarify things for us.

21 CHUCK CASTO: Yes, that's all muddled.
22 We're not running that calculation that you're
23 thinking we're running. There is a scenario out there
24 that's already out in the broadly distributed among
25 government agencies that --

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1 MALE PARTICIPANT: Hey, Chuck, we know

2 (b)(5)

3 CHUCK CASTO: No, no, no. No, no, no,
4 that's not the scenario.

5 MALE PARTICIPANT: Okay.

6 CHUCK CASTO: There's another scenario
7 that's been widely distributed to, (b)(5)

8 (b)(5)

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20 MALE PARTICIPANT: Has that analysis been
21 done or just talked about?

22 CHUCK CASTO: Well, I don't know what you
23 mean by been done. (b)(5)

24 (b)(5)

25 MALE PARTICIPANT:

(b)(5)

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(b)(5)

CHUCK CASTO: No, no, it's purely qualitative.

MALE PARTICIPANT: Okay.

CHUCK CASTO: Purely qualitative. There's no quantitative analysis at all.

MALE PARTICIPANT: Who did it? Who did it?

CHUCK CASTO: (b)(5)

(b)(5)

MALE PARTICIPANT: Okay.

CHUCK CASTO: (b)(5)

(b)(5)

MALE PARTICIPANT: (b)(5)

(b)(5)

CHUCK CASTO: (b)(5)

(b)(5)

MALE PARTICIPANT: I understand now.

CHUCK CASTO: So that's out there, and that's, you know, what (b)(5)

(b)(5)

MALE PARTICIPANT: Right.

CHUCK CASTO: (b)(5)

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1 MALE PARTICIPANT:

(b)(5)

2 (b)(5)

3 CHUCK CASTO:

(b)(5)

4 (b)(5)

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12 MALE PARTICIPANT: I appreciate you
13 (inaudible) with my questions. I'm not trying to give
14 you a third degree.

15 CHUCK CASTO: No, I know, I know. I know
16 that.

17 MALE PARTICIPANT: We're just trying to
18 get smarter. Does the Japanese know that we're doing
19 that review?

20 CHUCK CASTO: They know we're doing a
21 quantitative review.

22 MALE PARTICIPANT: Okay. I think that's
23 good.

24 CHUCK CASTO: They know we are doing both
25 a qualitative assessment and a quantitative

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1 assessment.

2 MALE PARTICIPANT: Okay. So what we think
3 is reasonable about what could occur?

4 CHUCK CASTO: (b)(5)

5 (b)(5)
6

7 MALE PARTICIPANT: Okay. Do you
8 understand (inaudible).

9 MALE PARTICIPANT: (Inaudible).

10 MALE PARTICIPANT: Okay, all right.
11 You've helped with some of the --

12 CHUCK CASTO: Yes, things get muddled, you
13 know. Things get, you know --

14 MALE PARTICIPANT: We don't have all the
15 information, and we need help filling in a few of the
16 blanks.

17 CHUCK CASTO: Yes. (b)(5)

18 (b)(5)
19

20 MALE PARTICIPANT: Yes, I understand.

21 CHUCK CASTO: (b)(5)

22 (b)(5)

23 MALE PARTICIPANT: Okay. Well, the fact
24 that the, you know, the Japanese are aware of what
25 we're doing and probably want us to be doing it is,

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1 you know, takes a load off our mind.

2 CHUCK CASTO: Right, yes. And so, you
3 know, we think this will really help us understand
4 what the current risk is, and we are hoping that
5 that's, that this assessment that they're doing will
6 be a pivot point for us.

7 MALE PARTICIPANT: Okay.

8 CHUCK CASTO: And they've got some
9 preliminary runs, and we've seen those, but there's
10 some gaps. You know how it is. They run these
11 things, and they see where there's some inconsistency
12 or gap, and they say, okay, we need this piece of
13 information to help us fill that. You know, this
14 isn't responding the way we think it should respond,
15 and we need another piece of information. So they go
16 out and get that other piece of information, and then
17 they run another run until they get it where they
18 think it's, you know, it's valid.

19 MALE PARTICIPANT: Okay. You answered the
20 -- did you have questions?

21 MALE PARTICIPANT: Yes. Hey, Chuck?

22 CHUCK CASTO: Yes, sir.

23 MIKE JOHNSON (PHONETIC): This is Mike.
24 So I think what you told me (inaudible) of what I had
25 heard. My understanding is that this assessment, it

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1 will be a part of a number of other things that get
2 included in this total assessment, current state
3 assessment. That's what Elmo was sharing with me last
4 night. That's still correct, right?

5 CHUCK CASTO: Yes, that's correct. This
6 will get wrapped up into a qualitative assessment.
7 We're doing an assessment of our assessment, if that
8 makes any sense. You know, it's kind of crazy. But
9 as it turns out, it's actually going to be very
10 fortuitous because we have some, (b)(5)

11 (b)(5)

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20 (b)(5)

21
22
23 MALE PARTICIPANT: U.S. government, Chuck?
24 U.S. government?

25 CHUCK CASTO: Yes, yes, yes, U.S.

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1 government. So what I owe you guys, I talked with
2 Marty this morning, what I owe you guys, this is sort
3 of our cut at this is what we would present, you know.

4 I don't know what it looks like right now. I have no
5 idea what it would look like, the outline of the
6 presentation, you know. But we need to all put our
7 thinking caps on and say, you know, what would it look
8 like if we had to present this out. Presumably,
9 you've got the outline of the assessment. Elmo has
10 probably sent it to you.

11 MALE PARTICIPANT: Yes, we have it. We
12 sent it -- Mike has it and has shared it with the ET
13 directors and some (inaudible) directors (inaudible)
14 comments or whatever. But we'll need to focus in on
15 what you're trying to do with it, so we can help with
16 that.

17 CHUCK CASTO: (b)(5)

18 (b)(5)
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23

24 MALE PARTICIPANT: Okay. And you said
25 that's about a week?

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1 CHUCK CASTO: I think it -- yes, it's
2 somewhere around the -- I don't get too many dates,
3 but it's the week of the 10th.

4 MALE PARTICIPANT: Okay. The week of the
5 --

6 CHUCK CASTO: What? Is Sunday the 10th?
7 What is that --

8 MALE PARTICIPANT: Yes, I got you. So
9 it's next week, actually? Okay.

10 CHUCK CASTO: Let me check on that. Let
11 me --

12 MALE PARTICIPANT: That's all right.
13 That's all right, Chuck.

14 CHUCK CASTO: What is the date today?

15 MALE PARTICIPANT: Today is the 7th for
16 you.

17 CHUCK CASTO: Okay. Let me find out
18 exactly when this, let me find out exactly -- when is
19 that, when would that presentation need to be? What
20 was the date you gave me again? The 11th? Yes, I
21 guess it would be next week. I was thinking it was
22 the week after, but it's next week.

23 MALE PARTICIPANT: Okay.

24 CHUCK CASTO: So over the weekend, we need
25 to put something together. And we may not have all

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1 the comprehensive review done, but we know what's in
2 there, and we'll try to push out some insights from it
3 and get that presentation put together for early next
4 week. I was thinking we had another week, but we
5 don't.

6 MALE PARTICIPANT: Okay. All right. So I
7 think we're working on, I've seen evidence that you
8 have --

9 CHUCK CASTO: No. Hey, check me on that.
10 They misunderstood my question. It is the following
11 week. It's the week of, it's the week of the 17th.

12 MALE PARTICIPANT: Okay, all right.

13 CHUCK CASTO: We should be ready for the
14 17th. So it is -- I stand corrected. So it is that
15 following Sunday, so we have all next week to put
16 something together.

17 MALE PARTICIPANT: Okay. All right,
18 Chuck. Do we have, are we working on -- have you
19 tasked us to give you (inaudible) --

20 CHUCK CASTO: Here's my thing, and Marty
21 and I and Elmo talked this morning. Here's my
22 thinking on this. We can't go down much below nine or
23 ten here. There's no other organization to stand up.
24 Even with INPO standing up, it doesn't seem to be
25 reducing our workload. And, in fact, it may increase

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1 it because we get more information that causes more
2 questions. So our workload is not going down. I'm
3 starting to get nervous with much less than nine.
4 It's making me really nervous. And it looks like we
5 may have some gaps in turnover for this next wave, so
6 I'm holding people back as long as they can stay here.

7 Here's my thinking on this that I shared
8 with Marty. First, we really need three-week cycles
9 out here, not two, because by the time you lose, you
10 lose, you know, almost four days in travel by the time
11 you let people come in and go to the hotel and spend
12 the evening and come start the next morning. And then
13 you lose two days in turnover because you've got a day
14 to turn over and a day to turn over on the backside.
15 So we, effectively, get like nine days out of somebody
16 before they rotate out, and that's just not, it's just
17 not enough to get in the groove and understand what's
18 going on and move. So I would suggest a three-week
19 rotation instead of a two-week rotation.

20 The other thing I would suggest is that we
21 stand up, because it doesn't look like anything is
22 going to change in the near term, that we stand up a
23 separate support organization outside of the WHO that
24 could probably, you know, be people who could flow in
25 and out of here. You come in for three weeks and go

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1 back home, you know, into that organization, and we
2 could actually do -- you know, I don't think we need
3 the WHO for phone calls. We could do conference calls
4 from anywhere. So it would be kind of a -- because
5 we're losing consistency over the long haul, just like
6 what you all had, you know, what you all had to go
7 through here on this model thing --

8 MALE PARTICIPANT: Right.

9 CHUCK CASTO: -- you know, each of you are
10 doing great turnovers with each other. But over the
11 two- or three-week period, things start to fade and
12 the big picture starts to lose. So it's almost like
13 we should stand up an organization that has a fixed
14 leader and a fixed deputy and a fixed branch or
15 something in headquarters that stays on this project
16 and lets the rest of the organization focus on the 104
17 operating reactors. That's just my thinking. I mean,
18 I'm not anybody, but it's just my thinking.

19 MALE PARTICIPANT: Yes, there's some
20 elements of what you suggest that make a lot of sense.

21 I think we do and, as you point out, in the
22 turnovers, we do need the kind of continuity that you
23 would want to maintain and would be able to
24 (inaudible) some dedicated resource that would focus
25 on this outside of the Operations Center, I think,

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1 actually. So, okay, a number of the teams have been
2 thinking about that in parallel ways to do that also,
3 so I'm glad you would say that.

4 With respect to the presentation that
5 you're working on for the week of the 17th --

6 CHUCK CASTO: Right.

7 MALE PARTICIPANT: -- do you have, I don't
8 know that we have anything (inaudible) --

9 CHUCK CASTO: No, you don't. I just, you
10 know, we just got this information yesterday at the
11 roundup at 6 p.m. last night, and then I was able to
12 catch Marty this morning, or this evening before he
13 went to bed, and he said we need to get a tasker on
14 that to put together a presentation to, you know, out
15 of this comprehensive assessment, we'll roll up a
16 synopsis and some insights, and then we need to put
17 that in a highly impressive form to send or to
18 present. Actually, it will probably be presented out
19 here to senior government officials and will be
20 carried back there I'm sure.

21 MALE PARTICIPANT: Okay. So do you want
22 us to work with you on a task, or do you want to
23 initiate the tasker or --

24 CHUCK CASTO: If you all would. I don't
25 know how to do that. I really don't know how to do

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1 it, honestly. I can probably just ask somebody to
2 maybe get it done.

3 MALE PARTICIPANT: Okay, all right. But
4 the essence of what you are asking for is you want
5 our, you've already asked us for the pieces that
6 you're going to use to develop this global assessment,
7 so I assume that's working?

8 CHUCK CASTO: Yes.

9 MALE PARTICIPANT: What you're wanting
10 from us then are our help with pulling together, to
11 support you in pulling together the presentation that

12 (b)(5)

13 CHUCK CASTO: Yes.

14 MALE PARTICIPANT:

(b)(5)

15 (b)(5)

16 CHUCK CASTO: Right.

17 MALE PARTICIPANT: So, okay, I guess you
18 guys would be planning on (inaudible) you'd bounce it
19 back to us, and we'd give you input?

20 CHUCK CASTO: Right.

21 MALE PARTICIPANT: And whatever support
22 you need in pulling that together?

23 CHUCK CASTO: Yes. And I'm sure, you
24 know, the Chairman will definitely want to, you know,
25 he's definitely going to have to weigh in. This is

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1 going to have to be an agency assessment and an agency
2 product, you know, so we certainly, it definitely is
3 going to need the Chairman's input.

4 MALE PARTICIPANT: Okay. We'll take a cut
5 at developing, we'll take a cut at roughing out what
6 that task would look like, Chuck, and we'll share it
7 with you to make sure you're comfortable with it. And
8 then we'll get it in and then start working to support
9 it.

10 CHUCK CASTO: (b)(5)

11 (b)(5)
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16 ROY ZIMMERMAN: Hey, Chuck?

17 CHUCK CASTO: Yes.

18 ROY ZIMMERMAN: This is Roy. I'm not
19 going to send you this email. I tuned out, and I've
20 been working on something different for the last ten
21 minutes while you all are talking. Going back to the
22 Sandia review, and you may not be aware that part of
23 this is what we were just talking about with regard to
24 the command and control and the infrastructure and the
25 way we're set up and some people know some things and

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1 other people know other things.

2 CHUCK CASTO: Right.

3 ROY ZIMMERMAN: Here's something you may
4 not be aware of, and this way I can bring the rest of
5 the folks around the table up to speed, as well. (b)(5)

6 (b)(5)
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18 So I didn't want you to not be aware of
19 that, but I think it's just left-hand/right-hand
20 problems that, you know, there's certain things you
21 can't share with us that we can kind of piece together
22 bits and pieces of it.

23 CHUCK CASTO: Yes.

24 ROY ZIMMERMAN: But not everybody
25 understands that, so they're --

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CHUCK CASTO:

(b)(5)

(b)(5)

MALE PARTICIPANT: Understand. Let me just read this to you to give you an idea. The purpose of me raising this to you is I don't want something to come up to you later on in the day and scratch your head and say, "Well, gee, I just got done explaining it to the Ops Center. Why is this happening?" So let me just read this to you.

(b)(5)

(b)(5)

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1 (b)(5)

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3 (b)(5)

4 You need to be aware that these left-
5 hand/right-hand problems occur when some information
6 doesn't get out, so, again, if some thing comes up and
7 you're wondering, well, why didn't we deal with it,
8 it's because right now it's the middle of the night
9 here and I think we have to clear up this confusion
tomorrow with a few people.

10 CHUCK CASTO: Yes. (b)(5)

11 (b)(5)

12
13
14 MALE PARTICIPANT: Understand. We just --

15 CHUCK CASTO: -- and what it is we're
16 doing. I appreciate that.

17 MALE PARTICIPANT: Okay, all right.

18 CHUCK CASTO: (b)(5)

19 (b)(5)

(b)(5)

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25 (b)(5)

By giving it a name, we've put a

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1 different hat on it.

2 MALE PARTICIPANT: I'm with you. You're
3 doing a great job. We appreciate what you're doing.
4 I just didn't want you to get --

5 CHUCK CASTO: Yes, yes, we got that. Yes,
6 we got that.

7 MALE PARTICIPANT: -- why those inquiries
8 are being asked.

9 CHUCK CASTO: Yes, we appreciate it.

10 MALE PARTICIPANT: Okay.

11 CHUCK CASTO: Hopefully, the Chairman can
12 get clarity down there on them. (b)(5)

13 (b)(5)

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17 MALE PARTICIPANT: (Inaudible).

18 CHUCK CASTO: (b)(5)

19 (b)(5)

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25 MALE PARTICIPANT: Okay. All right,

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1 Chuck. So (inaudible) overriding the priorities that
2 you're working on or at least a driving priority for
3 you in the coming week and a half or so is to get
4 ready for this high-level presentation, (inaudible)
5 which is going to be captured this current state
6 assessment or whatever the hell we're calling it, the
7 outline that you're working, that you guys are pulling
8 together and have lead for that we're supporting you
9 on individual tasks. And the main task, there's a
10 main task for us to support you in preparing that
11 presentation --

12 CHUCK CASTO: Right.

13 MALE PARTICIPANT: -- and getting it
14 vetted and vetted back here and finished with you, so
15 it's ready for you to support it.

16 CHUCK CASTO: Awesome. You guys are
17 always there. Appreciate it.

18 MALE PARTICIPANT: All right, Chuck. Hey,
19 you sound tired. Are you, how you holding up?

20 CHUCK CASTO: I'm doing okay. I'm doing
21 fine.

22 MALE PARTICIPANT: Okay.

23 CHUCK CASTO: Getting a little bit of
24 sleep and doing fine.

25 MALE PARTICIPANT: Okay.

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1 CHUCK CASTO: Not a problem. Sorry I
2 sound tired. We were just in a long meeting that was
3 very long.

4 MALE PARTICIPANT: Oh, yes, I know.

5 CHUCK CASTO: Yes, you know. And then we
6 got what? Three more today.

7 MALE PARTICIPANT: All right.

8 CHUCK CASTO: Yes, no problem. Sounds
9 good.

10 MALE PARTICIPANT: Thank you, Chuck.

11 CHUCK CASTO: You guys are the ones up in
12 the middle of the night.

13 MALE PARTICIPANT: Yes, I know. We're
14 passing out.

15 MALE PARTICIPANT: Okay.

16 CHUCK CASTO: All right. Take care, guys.

17 MALE PARTICIPANT: Good night.
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(CONFERENCE CALL INITIATED)

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OPERATOR: There are currently 15 participants in your conference. The following people are in the conference.

HOO: Headquarters Operations Officer.

MIKE FRANOVICH: Mike Franovich, Commissioner Ostendorff's Office.

MICHAEL MARSHALL: Michael Marshall, Chairman Jaczko's Office.

TOM BLOUNT: Tom Blount, NRR, EO.

TIM ANDERSON: Tim Anderson, EDO's Office.

ANGELA MCINTOSH: Angela McIntosh, FSME.

PAT CASTLEMAN: Pat Castleman, Commissioner Svinicki's Office.

STAN HART: Stan Hart (phonetic), SECI.

MIKE SNODDERLY: Mike Snodderly, Commissioner Apostolakis' Office.

BRIAN HARRIS: Brian Harris, OGC.

BILL WATTERS: Bill Watters, Commissioner Magwood's Office.

JOHN CARUSO: John Caruso, Region I RDO.

NEIL O'KEEFE: Neil O'Keefe, Region IV Duty Officer.

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1 DARRELL JOHNSON: Darrell Johnson, NRC
2 Intelligence.

3 OPERATOR: Roster playback is complete.

4 BRUCE BOGER: Hey, good morning, all.
5 This is Bruce Boger. I've got the Director's job this
6 morning, or the day shift. Just working from the
7 briefing sheet, the plant conditions remain fairly
8 static with respect to the plants and radiological
9 conditions.

10 Unit 1 has begun inerting, using nitrogen.
11 They're working on getting nitrogen interian for the
12 other units as well. The Reactor Safety Team is
13 continuing to work with the Consortium on developing
14 the Stable Site Conditions document, circulating a draft
15 of that.

16 We'll be working with several folks to
17 determine our course of action for the New York Times
18 article that had to do with the release of a document
19 related to, the assessment document that the Reactor
20 Safety Team developed. We're in the process of
21 considering what corrective actions in consideration
22 of the release of the document would be. We have
23 received an FOIA request on that. So that's a process
24 that is available to us and we'll see how it fits in
25 that.

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1 The other thing that's come up through the
2 evening, well yesterday, was the support to the Site
3 Team. (b)(5)

4 (b)(5)
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12 (b)(5)
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18 And that's about it for my portion.
19 Questions, please.

20 PAT CASTLEMAN: Bruce, this Pat Castleman.
21 I've got a question about the inerting. Is the nitrogen
22 being injected into the reactor vessel or is it being
23 injected directly into the containment?

24 STU RICHARDS: This is Stu Richards. It's
25 directly into the containment. We understand it's

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1 through the normal containment inerting system.

2 PAT CASTLEMAN: Okay. Great. Thanks.
3 Next question is, in DOE's Sit Rep of yesterday evening
4 it says that the Unit 4 spent fuel pool has 204 fresh
5 assemblies close together and that presents a risk of
6 a low-power criticality. Although they note that there
7 is no evidence that a criticality has occurred. Have
8 we taken a look at that and what's our take on it?

9 MALE PARTICIPANT: We'll have to look into
10 that and get back to you.

11 PAT CASTLEMAN: Okay, thanks. Regarding
12 radiological conditions around the site, the same DOE
13 Report said that the Japanese government is reevaluating
14 the radiation exposure levels that are currently used
15 to determine their evacuation. And they are looking
16 at possibly making some changes. And I don't know,
17 other than, what the changes are. Do we have any sense
18 of what the Japanese are considering in terms of
19 radiological protective action recommendations?

20 TRISH HALLAHAN: This is Trish Hallahan.
21 At this point we don't.

22 PAT CASTLEMAN: Okay. And then the last
23 question is about the Consortium. A few days ago it
24 was announced, I guess, out of the principle's meeting
25 that DOE would be taking the government lead on all the

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1 coordination activities and so forth. And of course
2 we've been heavily involved in this Consortium. Is DOE
3 stepping up to the plate to take that over?

4 BRUCE BOGER: I haven't personally talked
5 to Chuck to see whether there's any change or not. I
6 saw, from the telephone Consortium call last night
7 relative to materials, that it looked like DOE was taking
8 a more active role in that. But beyond that, Pat, I
9 just haven't seen it.

10 PAT CASTLEMAN: Okay. Thank you. I'll
11 let other people ask questions now.

12 MIKE FRANOVICH: Good morning, Bruce, it's
13 Mike Franovich.

14 BRUCE BOGER: Hi, Mike.

15 MIKE FRANOVICH: (b)(5)

16 (b)(5)

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21 BRUCE BOGER: I don't know.

22 STU RICHARDS: That's a good question,
23 Mike. I'm not sure that we're totally clear on that.
24 Right now, you know, it's in the middle of the night
25 in Japan so we can't really talk to Chuck. What we are

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1 looking at is considering this to be not a today kind
2 of thing, but a longer term issue. And we're looking
3 at it from questions like if you put that kind of material
4 in the spent fuel pool, regardless of which unit, is
5 it going to be a structural concern. And what's that
6 going to do to heat removal.

7 So we're putting together kind of a draft
8 document we hope to get out later this afternoon, we'll
9 send it to the Site Team and to the Consortium partners.

10 And we should get some feedback from Chuck to see if
11 we're in the ballpark when they wake up in the morning.

12 MIKE FRANOVICH: Okay, great. And one
13 other question for you. Has the RST gone back and looked
14 at what was done for TMI after it reached some stable
15 state in terms of actions to help with decommissioning
16 and cleanup and things like that that would maybe
17 influence the recommendations today?

18 (b)(5)

19 (b)(5)

20 You know, although TMI didn't
21 have an issue with the spent fuel pool per se. But have
22 we taken a look to see what was done in that timeframe
23 and how it might influence our decisions now?

24 STU RICHARDS: Not specifically that I'm
25 aware of. We have people participating on the RST and
people that we've called on in the staff in general that

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1 are very familiar with TMI accident. But a specific
2 focus on that, no.

3 MIKE FRANOVICH: Okay. Great. I don't
4 have any other questions right now. Thanks.

5 BRUCE BOGER: Other questions? Okay.
6 Hearing none, let's get back together tomorrow morning.
7 Same time, same station. Thanks all.

8 MALE PARTICIPANT: Appreciate it, Bruce.

9 BRUCE BOGER: You're welcome.

10 (END CONFERENCE CALL)

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22 (CONFERENCE CALL INITIATED)

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24 HOO: We've got Chuck Casto on the AT
25 Bridge.

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1 BRUCE BOGER: Good morning, Chuck, it's
2 Bruce.

3 CHUCK CASTO: Hey, Bruce, how you doing,
4 buddy?

5 BRUCE BOGER: I'm doing fine. You moving
6 and shaking these days?

7 CHUCK CASTO: Yes, we just did. That was
8 a nasty one.

9 BRUCE BOGER: It's reported as a tremor.

10 CHUCK CASTO: Well that was more than a
11 tremor, let me tell you.

12 BRUCE BOGER: Yes, we can see some of the
13 pictures of the way things are shaking around. How can
14 we help you? You should be asleep.

15 CHUCK CASTO: I just want to make sure you
16 guys are on that one. That was 7.4, I see that Fukushima
17 has an advisory but not a warning.

18 BRUCE BOGER: Right. That tsunami?

19 CHUCK CASTO: Yes, I think it's two meters
20 expected.

21 BRUCE BOGER: Okay, I'm not sure we had that
22 height but that's good to know.

23 CHUCK CASTO: That's in the warning area.

24 At Fukushima it's expected to be half a meter, so it's
25 not, you know, nothing. Well, half a meter is still,

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1 that's a lot of water. But it's an advisory, but it's
2 at Fukushima prefecture so --

3 BRUCE BOGER: Does that get up into those
4 intake structures where they had all the leaks recently?
5 Or they a little higher than that?

6 CHUCK CASTO: I don't know. You can look
7 at it on the map. I can't really tell from here, exactly.
8 But if you go to the Japan Meteorological Agency
9 website.

10 BRUCE BOGER: Yes, I'm thinking, Chuck, on
11 the site where they had the water that was leaking out
12 where they plugged it with the liquid glass.

13 CHUCK CASTO: Yes. Well that's at the
14 intake structure, so it's susceptible. But, you know,
15 I don't know. I can't tell. But anyhow I was just
16 checking with you guys to see if you were aware of it.

17 BRUCE BOGER: Yes, okay. You've given us
18 more information, appreciate it.

19 CHUCK CASTO: Yes, it was 7.4, which is,
20 you know, it was definitely the biggest shake I've felt
21 since I've been here. It shook the room pretty good.

22 So it's 7.4, if you go to, just Google Japan
23 Meteorological Agency it gives you everything you need
24 to know. It shows a warning up at the top of the page
25 and you click on that and it'll show you exactly where

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1 it's at. What wave height is expected, all that stuff.

2 BRUCE BOGER: All right, we got folks
3 working on it, thanks.

4 CHUCK CASTO: The funny thing about this
5 place is you can actually set up a text message. I don't
6 exactly know how to do it, but you can set up a text
7 message and it sends you a text message 30 seconds before
8 the quake hits, before you feel it, it'll send you a
9 text message and tell you what the magnitude should be.

10 Down to a tenth of a point, it'll tell you what it's
11 going to be.

12 BRUCE BOGER: Wow. They're serious about
13 it.

14 CHUCK CASTO: Yes, they have it on this
15 website. You can see it, it's called Earthquake Early
16 Warnings. I think you can set up a text message.

17 BRUCE BOGER: Well you can do that here for
18 various weather alerts and stuff, but --

19 CHUCK CASTO: Right, like tornados. Yes.

20 BRUCE BOGER: Exactly, yes. Hey, since I
21 got you, since you're awake. One of the questions
22 that's bouncing around and it ended up in Marty's
23 discussions yesterday, the hearing yesterday, was
24 whether or not there is, Bruce's words, X-vessel stuff
25 on Units 2 and 3.

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1 CHUCK CASTO: Yes.

2 BRUCE BOGER: Do the Japanese folks have
3 a view? Do they have something, do they say that that
4 --

5 CHUCK CASTO: Well I'm sure they would tell
6 you it's not X-vessel. You know, in the end you really
7 don't know until you looked in there and find out I guess.

8 BRUCE BOGER: Right, it'll be years.

9 CHUCK CASTO: Yes.

10 BRUCE BOGER: Okay, well that helps. We
11 won't go down that path.

12 CHUCK CASTO: Yes, I understand. All
13 right, Bruce, thanks, buddy. Thanks for being there.
14 Appreciate the help.

15 BRUCE BOGER: I appreciate the call and
16 we're working on the slurry thing and the draping
17 material.

18 CHUCK CASTO: Yes, appreciate that. And
19 then, I guess, if you hear anything, you know, when I
20 saw Fukushima was hit by this one and potential half
21 meter tsunami, if you hear anything just give me a call.
22 Don't worry about waking me up.

23 BRUCE BOGER: Okay, will do.

24 CHUCK CASTO: We work 24/7 like you guys
25 do.

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1 BRUCE BOGER: Yes, but I get to go home,
2 you don't. So there's a difference and we know it.

3 MR. CASTRO: We're doing fine. All right,
4 thanks guys. Talk to you soon.

5 BRUCE BOGER: Thanks, Chuck. Bye.

6 MR. CASTRO: Bye.

7 (END CONFERENCE CALL)
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21 (CONFERENCE CALL INITIATED)

22 0(2)8MD613765094

23 HOO: I have the Chairman on the AT Bridge.

24 CHAIRMAN JACZKO: Hello.

25 MARTY: Chairman, it's Marty. Bruce

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1 Bolger is at the helm here at Operations Center and we
2 just wanted to make sure you're aware of the latest
3 earthquake and potential impacts on the site. Bruce,
4 you want to --

5 BRUCE BOGER: Yes, sir. The earthquake
6 somewhat over 7 on Richter Scale. They issued a tsunami
7 warning of half a meter to two meters for the site.
8 We're working off a lot of news reports, or what's on
9 the TV. And basically the TV is indicating that NISA
10 has indicated that there were no abnormalities with
11 respect to radiation. But we're seeing other things
12 that indicate that there's some loss of power.

13 There's talk about external power supplies,
14 rather than having three lines they're down to one line.
15 We also, from the TV, heard that they had evacuated
16 the site. So we're not sure whether the pumps were left
17 running when they evacuated the site or anything.

18 CHAIRMAN JACZKO: Is (inaudible) asleep
19 right now?

20 BRUCE BOGER: I'm sorry?

21 CHAIRMAN JACZKO: Our team's asleep in
22 Japan?

23 BRUCE BOGER: Chuck called us right about
24 midnight his time, about 45 minutes ago. And he was
25 okay. He just wanted to make sure we were aware of it.

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1 You know, the news travels fast over there. He was
2 well aware of the earthquake in the news and the tsunami
3 warnings.

4 CHAIRMAN JACZKO: Did he have any insight
5 on the plant conditions or plant impact?

6 BRUCE BOGER: No, sir.

7 MALE PARTICIPANT: Chair, it sounds like
8 we're picking up most of the information we have off
9 the news right now. And so we're continuing to monitor
10 the news coming out of Japan and CNN. But we just wanted
11 you to know we'd also been contacted by the White House
12 to provide them whatever information that we knew and
13 we've told them what we're telling you.

14 So the purpose of the call was just to make
15 sure that you had the information that we had.

16 CHAIRMAN JACZKO: Let's just take a minute
17 to lean a little bit forward and say, if they're down
18 to one line so basically we still believe they have
19 offsite power.

20 BRUCE BOGER: That's what we're reading off
21 the screen, yes, sir.

22 CHAIRMAN JACZKO: That would mean that 5
23 and 6 continue to operate fine.

24 MARTY: So the news is reporting that
25 they've still got one remaining line continuing to cool

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1 down the nuclear fuel, whatever that means. You can't
2 tell from the news report whether that's core cooling
3 to all three units or to one unit only. But I think
4 the other concern that we would have is that they've
5 abandoned the site.

6 CHAIRMAN JACZKO: Right.

7 MALE PARTICIPANT: And you just don't know
8 what's going on there. Whether they were able to leave
9 the pumps turned on and walk away from it or whether
10 they secured the pumps before they left.

11 CHAIRMAN JACZKO: Did you hear me?

12 BRUCE BOGER: No, sir.

13 CHAIRMAN JACZKO: Oh, could you not hear
14 me?

15 BRUCE BOGER: No.

16 CHAIRMAN JACZKO: Oh, I'm sorry. I had you
17 on speaker phone, I don't think it was working. But
18 do we have a plan to try and kind of confirm the impact
19 at the site? Namely if people have left the site what
20 the impacts will be, are they permanent, temporary, any
21 longer term concerns with that?

22 MARTY: We'll engage through the team and
23 make sure that we have a clear understanding of what's
24 going on and what, you know, what if. As you said, let's
25 lean forward.

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1 CHAIRMAN JACZKO: Yes, okay. You know, I
2 would assume we have, you know, (b)(5)

3 (b)(5)
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10 MARTY: No, the only thing that would
11 complicate it would be another tsunami.

12 CHAIRMAN JACZKO: Yes.

13 MALE PARTICIPANT: Is what's being
14 reported on the news now, is that potential. So they've
15 got a "warning" for tsunami now posted. That's what
16 we're getting off of the news now.

17 CHAIRMAN JACZKO: Okay, and that's right
18 now one to two meters?

19 MALE PARTICIPANT: Half a meter to two
20 meters.

21 CHAIRMAN JACZKO: Half a meter to two
22 meters. Okay. Is it something you're going to wake
23 Chuck over?

24 BRUCE BOGER: No, he was aware of the
25 earthquake, he's aware of the tsunami warnings. And

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1 it's (inaudible).

2 CHAIRMAN JACZKO: Okay, and so he didn't
3 have any immediate concerns about any action that needed
4 to be taken?

5 MALE PARTICIPANT: No.

6 CHAIRMAN JACZKO: Okay, good.

7 MALE PARTICIPANT: But I would, I'm drawing
8 back on an old brain cell in this, I thought that we

9 (b)(5)
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12 CHAIRMAN JACZKO: Okay, yes. Okay, well
13 keep me posted if we get more information about it and
14 right now what I'll take away is that there has been
15 an earthquake and a tsunami. Conflicting, well
16 unconfirmed reports about impacts that that may have
17 on the site.

18 (b)(5)
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25 BRUCE BOGER: That's correct.

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1 CHAIRMAN JACZKO: Okay. Good, well keep
2 me posted if something comes in.

3 BRUCE BOGER: Yes, sir.

4 CHAIRMAN JACZKO: Thank you.

5 (END CONFERENCE CALL)
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18 (CONFERENCE CALL INITIATED)

19 0(2SS9!L13765094

20 HOO: Chuck Casto's coming on the bridge.

21 MALE PARTICIPANT: I've got to get this to
22 him real fast. We've got to go to Headquarters.

23 MIKE: Morning, Chuck. Or evening, Chuck.

24 CHUCK CASTO: Good evening. Hey, Mike.
25 How are you doing? I've got Elmo and Mike Hays

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1 (phonetic) working, but he's here too. Do you have a
2 minute?

3 MALE PARTICIPANT: Yes, sir.

4 CHUCK CASTO: Have a minute to talk?

5 MALE PARTICIPANT: Yes, absolutely.

6 CHUCK CASTO: We have some needs this
7 evening. I'm sorry to do this to you.

8 MALE PARTICIPANT: It's fine, (inaudible).

9 MALE PARTICIPANT: Go ahead, Chuck.

10 CHUCK CASTO: (b)(5)

11 (b)(5)

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20 MALE PARTICIPANT: Yes?

21 CHUCK CASTO: Hear me?

22 MALE PARTICIPANT: We're listening.

23 CHUCK CASTO: I think we know the concerns.

24 (b)(5)

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(b)(5)

MALE PARTICIPANT: Yes.

CHUCK CASTO: This would be the top three concerns. Now I think we have (b)(5)

(b)(5)

MALE PARTICIPANT: Yes.

CHUCK CASTO: Probably leverage off of that. And maybe somebody knows, I don't know, and really don't know if I can find out. (b)(5)

(b)(5)

But nevertheless what I would say, if we don't know the exact material we could at least tee up the concerns, the hazards. And also we could maybe give some kind of, from the structural people, that evaluation we've done here previously, we could give some this is the maximum weight of whatever you put in there should be. That make sense?

MALE PARTICIPANT: Yes, it does.

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1 CHUCK CASTO: So our guys are talking to
2 your guys, and ladies. And they're discussing that as
3 we speak. So I just need to know, that's one shift of
4 importance, you know, that's important. What we're
5 going to do is turn it over to you guys and then when
6 we get back in here in the morning (b)(5)

7 (b)(5)

8 (b)(5)

And at least go

9 that far.

10 MALE PARTICIPANT: Chuck, you don't have
11 any insights about what that slurry could look or what
12 it is? Just that it would be a slurry?

13 CHUCK CASTO: Yes, that it would (b)(5)

14 (b)(5)

15 MALE PARTICIPANT: Okay. Yes, we will get
16 you an answer.

17 CHUCK CASTO: The other issue. And we've
18 asked INPO to check in on this. Again, there are urgent
19 requests for titanium protective wear. I think INPO
20 has a source of that and by morning they hope to get
21 us that source. They've already provided that source
22 to the Japanese, but we need to reprovide it at a
23 different level in the organization, that source.

24 MALE PARTICIPANT: That is the source of
25 where this stuff could be found?

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1 CHUCK CASTO: Yes. INPO has already
2 provided that to them once. They're titanium vests I
3 think, is what it is. It's chest protection, like a
4 bullet proof vest or something, or titanium vests. And
5 so INPO has already provided that, they're going to
6 reprovide it to us so that we can provide at a different
7 level in the organization, Japanese organization.

8 MALE PARTICIPANT: Okay. What would it be
9 used for, Chuck? Excuse my ignorance.

10 CHUCK CASTO: Shielding of people.

11 MALE PARTICIPANT: Shielding.

12 CHUCK CASTO: Yes.

13 MALE PARTICIPANT: These are like titanium
14 vests.

15 CHUCK CASTO: One inch of titanium is worth
16 like ten inches of lead in terms of shielding radiation.

17 MALE PARTICIPANT: Wow.

18 CHUCK CASTO: It's high density. Now some
19 people argue that there's a shine off of it that's more
20 hazardous than the absorption of the lead. So I don't
21 know all that science, but you know.

22 MALE PARTICIPANT: All right, Chuck.
23 Thank you. We'll get you something.

24 CHUCK CASTO: And we have more to talk about
25 but we can talk about it tomorrow. I don't want to

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1 distract you from, yes, that's going to happen April
2 11th so we've got a couple of days. Tomorrow I'll give
3 some more briefing on some other issues that we need
4 to discuss. But I don't think they're important enough
5 to discuss tonight.

6 (b)(5)

10 (b)(5)

So I

11 think Brian Wittick's coming out. And I need him as
12 quickly as possible so he can help us with these
13 international partners that will come in.

14 And then we need to think, back in your shop,
15 we need to think about how are going to plug in
16 international partners into the Consortium.

17 MALE PARTICIPANT: Okay.

18 MALE PARTICIPANT: Japanese have asked us
19 to plug in with them.

20 MALE PARTICIPANT: All right, is that it,
21 Chuck?

22 CHUCK CASTO: Yes, that's it.

23 MALE PARTICIPANT: Okay. We've been
24 taking notes, sorry. Okay. Thanks, Chuck.

25 CHUCK CASTO: All right, talk to you soon.

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1 MALE PARTICIPANT: Have a good evening.

2 (CONFERENCE CALL ENDED)

17 (CONFERENCE CALL INITIATED)

18 0(2UC^(L13765094

19 MALE PARTICIPANT: You on the line,

20 Chairman?

21 CHAIRMAN JACZKO: Yes.

22 MALE PARTICIPANT: All right, sir.

23 BRUCE BOGER: Good morning, Chairman.

24 This is Bruce Boger, I've got the Director's job this
25 morning.

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1 CHAIRMAN JACZKO: All right.

2 BRUCE BOGER: Welcome back.

3 CHAIRMAN JACZKO: Thank you.

4 BRUCE BOGER: As far as plant's conditions
5 go, still fairly static with respect to the reactors
6 and the radiological conditions. Unit 1 has begun the
7 inerting, the containment. That's been done slowly but
8 surely. The other two units anticipate doing that
9 sometime in the near future.

10 As far as our hot activity for the day, the
11 Reactor Safety Team is continuing to work on the
12 definition of what stable site conditions would mean.

13 (b)(5)
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18 We're also working with, as you're no doubt
19 aware of the release of the Reactor Safety Team
20 Assessment Document, the 0 Version (phonetic) of that.

21 So we're going to be working that today to determine
22 what our corrective actions would be. And also the
23 consideration or recommendations on consideration of
24 release of a more current version of that document.

25 CHAIRMAN JACZKO: Okay.

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1 BRUCE BOGER: Chuck called last night.
2 He's asked us for some specific support that deals with

3 (b)(5)

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7
8
9 You know, (b)(5)

10 (b)(5)

So we'll be working

11 on that today so we can get it back to him in time for
12 his morning tomorrow.

13 CHAIRMAN JACZKO: Good.

14 BRUCE BOGER: And that's about it from
15 here.

16 CHAIRMAN JACZKO: What about the Unit 1
17 containment leakage? Has that been stopped or is that
18 still an issue?

19 BRUCE BOGER: We think it still has a stuck
20 open safety release valve.

21 CHAIRMAN JACZKO: Okay. That's what we
22 believe the source is at this point of the
23 depressurization?

24 STU RICHARDS: Well the safety release
25 valve goes into the wet well (inaudible) containment,

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1 but we --

2 CHAIRMAN JACZKO: I'm sorry?

3 STU RICHARDS: Leakage out of the
4 containment, we don't know what the source of that
5 leakage is.

6 CHAIRMAN JACZKO: Oh, okay.

7 BRUCE BOGER: That was Stu Richards from
8 Reactor Safety Team.

9 CHAIRMAN JACZKO: So at this point do we
10 know what the pressure is in the Unit 1 containment?

11 BRUCE BOGER: It's in the order of seven
12 pounds.

13 CHAIRMAN JACZKO: Okay, so it's still
14 continuing to go down?

15 BRUCE BOGER: Yes, but the indication we
16 have is that it might have gone up recently.

17 CHAIRMAN JACZKO: Okay.

18 BRUCE BOGER: Anything else?

19 CHAIRMAN JACZKO: Any other issues?

20 BRUCE BOGER: No, sir. But is there
21 anything we can do for you?

22 CHAIRMAN JACZKO: No, that's good. I just
23 wanted an update, haven't had one in awhile. So that's
24 very helpful.

25 BRUCE BOGER: Yes, sir.

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1 CHAIRMAN JACZKO: Thanks, everybody.

2 BRUCE BOGER: Bye.

3 CHAIRMAN JACZKO: Bye.

4 (CONFERENCE CALL ENDED)

18 (CONFERENCE CALL INITIATED)

19 0(2Y905L13765094

20 OPERATOR: Mr. Virgilio is on the bridge.

21 MARTY VIRGILIO: Good morning. Who's got
22 the watch. Good morning.

23 BRUCE BOGER: This is Bruce, Marty.

24 MARTY VIRGILIO: Hey, Bruce. Good
25 morning, how are you?

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1 BRUCE BOGER: Great. Thanks.

2 MARTY VIRGILIO: Hey, I need to sort of get
3 a status or maybe even ask you all to do me a favor.

4 BRUCE BOGER: Okay.

5 MARTY VIRGILIO: It seems about two weeks
6 ago Jake Zimmerman was on watch as the Liaison Team Lead
7 and I can't exactly recall all the staff that were in
8 there doing the work, but there was work underway to
9 take the summary of these deputy meetings and SVTS phone
10 calls. And sort of put that in digested form so that
11 we could, at a glance, know what roles and
12 responsibilities were amongst the federal players who
13 participated in those Deputy's phone calls and
14 principle's phone calls.

15 You know there's typically, out of each one
16 of those meetings, anywhere from a half a dozen to a
17 dozen action items assigning different federal agencies
18 different roles and responsibilities. Is this ringing
19 a bell with you?

20 BRUCE BOGER: Not the task. But I'm
21 familiar with what comes out of those meetings and
22 things.

23 MARTY VIRGILIO: And I know that the
24 Liaison Team had started an effort there and I don't
25 know what became of it.

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1 JEFF TEMPLE: Marty, Jeff Temple. The
2 Liaison Team has the lead for that. We're keeping the
3 list updated. The SECCY Office sends up copies of the
4 minutes and the taskers and so forth for each of those.

5 So I'll check to where we are. But we do have our own
6 major concerns of what they've assigned to the NRC and
7 how we've closed those items.

8 MARTY VIRGILIO: Okay. And do we have a
9 good sense of what's been assigned to others? And I'm
10 thinking about the dose modeling and some of the other
11 things?

12 JEFF TEMPLE: Yes, we have that. We've not
13 been tracking that unless it's assigned to the NRC as
14 a primary or as a secondary component. But, yes we've
15 got all those.

16 MARTY VIRGILIO: Does somebody have a full
17 compilation of all of the meeting summaries?

18 JEFF TEMPLE: I'd have to check to see if
19 our compilation is full and whatever Annette Viette-Cook
20 sends us, that's what we have. So I'll work on that
21 today to make sure that's up to date.

22 MARTY VIRGILIO: Yes, we could even double
23 back with the National Security Staff if necessary.

24 JEFF TEMPLE: To make sure we have all the
25 pieces. Then what I'd like us to do is enough of analysis

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1 as necessary to make sure that we're clear about our
2 roles and responsibilities. And clear about the roles
3 and responsibilities of others where there's and
4 interface or an overlap.

5 JEFF TEMPLE: Okay. I'll work on that
6 today, Marty.

7 MARTY VIRGILIO: That would be great.
8 I've got a meeting coming up with the Chairman. It was
9 this afternoon but I think I'm going to punt it into
10 tomorrow.

11 JEFF TEMPLE: Okay.

12 MARTY VIRGILIO: And if by the end of the
13 day, you know, I'm talking 6:00 or 7:00 tonight, so that
14 will overlap a couple of shifts, if we could pull that
15 off.

16 JEFF TEMPLE: We can do that.

17 MARTY VIRGILIO: I think it would be really
18 helpful for me to sit down with him and go over this
19 with him, because I'm not sure we're all on the same
20 page right now with regard to things like who has the
21 lead for (b) (5)

22 (b)(5)

23 JEFF TEMPLE: Yes, okay, let me work on that
24 Marty and I'll get that to you before close of business,
25 which is 7 o'clock today.

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1 MARTY VIRGILIO: Okay, but there are
2 specific issues I think that we could look at. And it
3 is the protective action recommendations. And I think
4 things like coordination of industry efforts in Japan
5 would be another issue. At one time, for example, at
6 one time we were looking at Department of Defense to
7 take the lead on that. And then it was DOE to take the
8 lead on that. And now I'm sensing it's NRC taking the
9 lead on that.

10 JEFF TEMPLE: I think we still have that
11 here, right.

12 MARTY VIRGILIO: Notwithstanding what I
13 think has been agreed to in some of these Deputy
14 meetings.

15 JEFF TEMPLE: Okay, let me go back and do
16 some homework.

17 MARTY VIRGILIO: All right, you got it.

18
19 JEFF TEMPLE: Thank you.

20 MARTY VIRGILIO: All right, I'll check in
21 with you guys around 6:00 or 7:00 tonight.

22 BRUCE BOGER: Okay, Marty.

23 MARTY VIRGILIO: Thanks, Bruce. Thanks,
24 Jeff.

25 JEFF TEMPLE: Yes, you're welcome.

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1 (CONFERENCE CALL ENDED)

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17 (CONFERENCE CALL INITIATED)

18 0(30!J(_13765094

19 OPERATOR: There are currently nine people
20 in your conference. The following people are in the
21 conference.

22 JOE O'HARA: Joe O'Hara, Headquarter's
23 Operations Officer.

24 LT COL PRICE: Lieutenant Colonel Price,
25 U.S. Pacific Command, (indiscernible, possibly JIASIC)

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1 RICK NIELSEN: Rick Nielsen, INPO.

2 MALE PARTICIPANT: Japan team.

3 MJR MCKENNA: Major McKenna, JSF-J-J4

4 LT COL OROFIELD: Lieutenant Colonel
5 Orofield, Japanese (inaudible).

6 ALICE CAPONITI: Alice Caponiti,
7 Department of Energy.

8 OPERATOR: Roster playback is complete.

9 ROY ZIMMERMAN: Well good evening, this is
10 Roy Zimmerman at the NRC Operations Center. Appreciate
11 you all calling in and again putting your energy and
12 hard work into this important activity. I was impressed
13 with the list that came out of. I thank, all the folks,
14 I guess particularly DOE, for updating the list, the
15 comment section, there's a lot more information in here
16 than we had yesterday. And I think that helps us.

17 I saw some next steps added, which I think
18 is a good aspect to add to this so that we can see what
19 we expect to be occurring in the short term. And then
20 we also have the Embassy list, I believe, that is in
21 priority form as we address.

22 What I wanted to try to do was put it out
23 for a couple of minutes of discussion early on about
24 how best to proceed. At one point we want to be able
25 to merge these lists. It would seem to me that using

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1 the high priority requests and going through that
2 Embassy list may be the right starting point on this.

3 But I wanted to get the benefit of those
4 of you on the call on how you feel the best way to
5 effectively work through this call should proceed.
6 With the Embassy list or with the list we used yesterday?

7 BILL BERGER: This is Bill Berger from the
8 DART, is Ron Cherry on? We asked him to be on this
9 morning. He was in the meeting yesterday. We would
10 think that, from our perspective, we would think working
11 from the Embassy list. We'd like to update that list
12 and will iterate it and take it back to the government.

13 (b)(5)
14
15
16
17

18 So we take our spreadsheet and take it back
19 to them and ask them to tell us what their real priorities
20 are and their timeframe, because they also know what
21 other donors might be doing too. And here we're also
22 checking with other donors and looking at local
23 resources that might be brought into play.

24 So I think we're in the best position to
25 validate the list and understand what the real

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1 priorities of the Japanese government are and make sure
2 that we've manage this in a way that moves as efficiently
3 as possible to get them what they need as quickly as
4 possible.

5 ROY ZIMMERMAN: Okay, that's good. We'll
6 see if anybody else has a varying view. And then
7 (inaudible) delta back to our list that's kind of hanging
8 out there maybe we can address that at the secondary
9 piece of this.

10 Would it be worthwhile for the site team
11 to spend a couple of minutes with a high-level overview
12 of whether you found your meeting with the Cabinet level
13 going over the Embassy list to be successful yesterday?

14 There were a lot of things that we put off based on
15 your important meeting yesterday. Can you give us a
16 couple of minutes on how that went and then we can
17 probably walk through the individual items on the
18 Embassy list?

19 ALAN: Yes, Roy, this is Alan, I guess my
20 thought is, and I know it's kind of like you were talking
21 about trying to keep the NRC list updated as well. I
22 think the thought that it's coming out of the Embassy
23 is we really should just have one list.

24 ROY ZIMMERMAN: I'm agreeing with that,
25 Alan, I'm just wondering that when we finish going

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1 through the Embassy list will there be items at our list
2 that won't be discussed that are going to need to get
3 merged in?

4 ALAN: Yes. And I would recommend that
5 what we do is move that to the Embassy list, but it gets
6 put further down. That it doesn't show up as an official
7 request from the government. And then that way when
8 we go back to the government of Japan they see the
9 government of Japan requests and these other items are
10 hidden further down on that list for our use.

11 MALE PARTICIPANT: But there's some degree
12 of overlap between the Embassy list and our list?

13 ALAN: Okay.

14 ROY ZIMMERMAN: I would expect there would
15 be some degree of overlap. And then there's a few
16 slackers that are hanging out that may not have a home.

17 ALAN: Yes, and I would think the slackers
18 that are hanging out without a home should probably,
19 it needs to be put on the government of Japan list, but
20 it needs to be separated from the official items that
21 the government of Japan has requested, so that there's
22 one list that's being maintained.

23 And I think that will be easy enough to do.

24 And that way if we want to track other things that the
25 Embassy needs to know about that will probably work

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1 because it'll be on one list but it'll be hidden from
2 the official requests for the government of Japan.

3 ROY ZIMMERMAN: Okay. All right, very
4 good. Well unless somebody has any other comments
5 before we get going, we'll start with the Embassy list,
6 high priority. Does anybody have anything they want
7 to offer up before we start.

8 JAY TILDEN: No, I just wanted to jump in
9 and say I did finally get here. This is Jay Tilden.

10 I'm sorry, I was in the middle of five other things,
11 so I was a little late. Thanks. And I hear the
12 direction you're going, that's great.

13 ROY ZIMMERMAN: Okay, thanks. All right
14 then the first high priority item, devices for
15 condensing radiation contaminated water, information
16 on evaporation technology. It's Embassy Item Number
17 21. So if I understand the way this works, this is a
18 new item since there's not an NRC number, this is an
19 item that was not on our list.

20 It's an item that was on the Embassy list
21 that we were not previously tracking. And now, again,
22 as we merge lists we'll have this item. So this is a
23 brand new item that hasn't been discussed before. This
24 is the first time we're talking about this?

25 ALAN: This is an item that has been

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1 discussed between the team that meets with the Japanese
2 government, this has come up in those meetings. And
3 that's when we put it on. We have another with the
4 government of Japan tonight. These are the regular
5 meetings that we hold with the Japanese government.

6 ROY ZIMMERMAN: Okay. So who's going to
7 lead us through the efforts here to be able to move
8 forward on this item?

9 JAY TILDEN: Let me jump in. I don't know
10 if I can lead you on it. What I can tell you is this
11 is one of those things that got all tied up and twisted
12 in with the wastewater management and the tanks. And
13 how do we get the highly radiated water out of the turbine
14 building and all that fun stuff.

15 And I believe I know where this came from,
16 and this is where we are talking about the technologies
17 that DOE used during its bomb building era, produced
18 large amounts of radioactive material, especially
19 liquids, into smaller amounts.

20 So I don't know exactly where that is and
21 I have to be honest, if Alice is on the line, Alice,
22 I would think it would be your crowd in (inaudible,
23 possibly NE) who's kind of gotten the lead on this, is
24 that true? Alice, are you on?

25 ALICE CAPONITI: Can you hear me?

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1 JAY TILDEN: Now I can hear you.

2 ALICE CAPONITI: Okay. Yes, I have not
3 heard specific discussions on this particular item.
4 It's certainly worded differently, but I think it should
5 be going into Monica's group. Is there any way we can
6 get a more detailed explanation of what's being
7 requested?

8 RON CHERRY: Yes, this is Ron in Tokyo.
9 And this Item 21, as you can see, it has several
10 sub-elements and they're all dealing in one way or
11 another with the contaminated water that's accumulated
12 in, I guess, primarily in the turbine buildings. So
13 my personal view here from the Embassy perspective is
14 that this whole series of items, from 21 to 21-A all
15 the way through 21-I, could stand to be resorted and
16 re-racked and prioritized.

17 And in fact we even made a comment to that
18 effect in the working level meeting that took place
19 yesterday. I think we need to have a little more
20 discussion of this here within the Embassy today. And
21 that would need to include (b)(6) who've been
22 in some discussions this week with TEPCO regarding, I
23 think the tanks especially. And then also perhaps the
24 PN&L people, who've been talking to TEPCO on some of
25 these same subjects.

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1 So kind of a warning that it might seem a
2 little, of some of the tasks that might seem a little
3 awkward are from either papers or the (indiscernible,
4 possibly rebel) requests that have been made by the DOJ
5 in these crisis management meetings.

6 ALICE CAPONITI: Okay. What I hope we know
7 is one thing is that because if we merge them I'm worried
8 that we'll lose the --

9 RON CHERRY: I'm not saying merge
10 necessarily, but I'm saying just figure out what each
11 one of these things is, how they relate one to another.
12 What sequence they should be acted upon. What priority
13 they should have relative to one another and so forth.

14 The comment that we made to the Japanese
15 yesterday, for example, was that most of the information
16 on status of response and so forth, there just wasn't
17 anything. So we need their help to figure out just
18 exactly what some of these things are.

19 ALICE CAPONITI: What I'd like to request
20 is that if there's more detailed discussions on the areas
21 related to Task 21, that we include somebody like Monica
22 Regalbuto in those discussions so that we can stop it
23 properly here. Okay, so we can take offline out of this
24 meeting, but I thought that would be good.

25 ROY ZIMMERMAN: Okay. So can we summarize

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1 what the next step is on these items so that when we
2 talk about it tomorrow we know how we want to advance
3 this issue?

4 RON CHERRY: Well I'm not sure we'll have
5 much more of a status update tomorrow, but I think the
6 next step is we need to clarify these actions and we'll
7 do that with DOJ in coordination with DOE Headquarters.

8 MALE PARTICIPANT: That sounds great. So
9 what we could do though is hit the one or two that we
10 definitely have things going on with that way we can
11 sort those.

12 RON CHERRY: Correct.

13 MALE PARTICIPANT: I'll go ahead. So the
14 water tanks, so, Ron, you know I'm going to hit you with
15 that, so it's --

16 RON CHERRY: On the water tank?

17 MALE PARTICIPANT: It sounded like in the
18 teleconference with (b)(6) this morning that they wanted
19 to go by sea. And we can do that, I won't have the quote
20 for what it is to ship by sea until tomorrow morning.

21 If we want it to get there within a week to 10 days
22 or something like that we have to truck it across
23 country. Truck these tanks across country and then ship
24 out of San Diego or wherever. Los Angeles probably.

25 RON CHERRY: I'll be right back.

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1 ROY ZIMMERMAN: Okay. Are you on Item 21-B
2 or --

3 MALE PARTICIPANT: Yes, 21-B or 30 and 31.
4 So the other thing we're waiting on is if the Japanese
5 government and TEPCO want this really urgently, only
6 they don't really have the money or whatever to pay for
7 the \$1.3 or \$1.5 million commercial lift, you know, if
8 they were to tell us no, we still want it urgently then
9 we could pursue military DOD Air.

10 MALE PARTICIPANT: Yes, we talked to the
11 Japanese about this yesterday. They're sourcing these
12 tanks from various other donors also. So they've bumped
13 it down their priority list. So we have time to make
14 a decision. They want estimates from us of the various
15 ways of getting it here.

16 MALE PARTICIPANT: They said they wanted
17 both air and sea estimates. And since it's not urgent
18 they're probably going to go with sea but they'd like
19 both estimates.

20 MALE PARTICIPANT: Yes, and that's what
21 we'll get them. We hope to have that tomorrow. And
22 we'll give them that from both East Coast shipment, West
23 Coast shipments and of course the air.

24 MALE PARTICIPANT: And they've moved this
25 down their list of urgency, basically we've got time.

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1 MALE PARTICIPANT: Yes, but we've got a
2 little misnomer, when we met with the Japanese yesterday
3 they said all 21, you know 21-A through H are high
4 priority, but that's what we need to detangle if in fact
5 each of these elements is not high priority necessarily.

6 So we've got to find out which ones are and which ones
7 aren't.

8 BILL BERGER: This is Bill Berger again.

9 Just to tell you in the meeting, this is what happened,
10 we went on for two and a half hours just getting through
11 the five priority items. We weren't even able,
12 everybody had to go, we weren't even able to raise all
13 of our issues.

14 (b)(5)

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16
17
18 (b)(5)

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25 ROY ZIMMERMAN: This is Zimmerman again.

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1 We think we're going to have the additional details
2 from the government of Japan tomorrow to be able to add
3 some more definitions to the items that really are high
4 priority?

5 BILL BERGER: No, we're taking each of
6 these items and we've set up, we're getting contacts
7 from them, specific contacts, to get the information
8 that we need to move through. We're hoping to have those
9 meetings, but we'll have another meeting with them on
10 Tuesday with this subgroup from the main Japanese
11 government group to discuss where we are.

12 We're hoping that they give us the contacts
13 for the technical people we need to get in touch with
14 to move this along and we'll see what progress we can
15 make before the Tuesday meeting.

16 RON CHERRY: And, this is Ron, I think we'll
17 probably have some further offline with DOE on this,
18 but we've got several threads here and they all need
19 to be brought together. As I've mentioned there have
20 been a number of other discussions here with TEPCO and
21 NESA this week. And most of the people who are on this
22 call were not in those discussions, though many of us
23 have seen readouts from them.

24 And also I think they're some discussion
25 and planning perhaps for Monica to either meet with or

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1 certainly have a more detailed discussion with the PN&L
2 people when they return home next week. So we're going
3 to get this sorted out and get these water related tasks
4 re-racked and prioritized and organized as soon as we
5 possibly can. But that's something that we're just
6 going to have to work on. And as soon as we have those
7 details we'll put them in this tracker.

8 ROY ZIMMERMAN: Thank you.

9 MALE PARTICIPANT: All right, that's good.

10 So what I'm taking away from this is we will go ahead
11 and gather the information but I am not going to have
12 these folks work overtime on the weekend like they were
13 beginning to think. So, I mean, if we're going to wait
14 on a Tuesday meeting then we will have time to figure
15 out between now and then all of this. So that's fine.

16 RON CHERRY: Sounds, good. Roger that.

17 ROY ZIMMERMAN: All right, are there any
18 other comments on any of the 21 sub-lettered items?
19 Sounds like we've covered it sufficiently. Does that
20 take us to Item 20? Heat exchanger to be used at spent
21 fuel pool.

22 RON CHERRY: That's what I have on my list.

23 ROY ZIMMERMAN: Okay. TEPCO is trying to
24 get a system designed, it's a design order with Toshiba.
25 So the next step here are TEPCO's actions?

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1 ALAN: Which item are you on, Roy?

2 ROY ZIMMERMAN: I think we're on Item 20.
3 I think we exhausted ourselves on 21.

4 ALAN: Okay. Yes, Item 20 right now, the
5 only thing that we're going to do with that particular
6 item at this point in time, I'm going to talk to INPO
7 and they're just going to forward the information NISA,
8 period. Because I believe there's some commercial
9 contracts that are let to actually put the heat
10 exchangers in the fuel pool. So this is really no more
11 than a data information dump to NISA.

12 ROY ZIMMERMAN: Okay, now what's the far
13 right column. Check if Shaw has a commercial contract
14 to work on this?

15 ALAN: That is what TEPCO was doing,
16 because the only question was TEPCO noted that they had
17 a contract out to Toshiba. And they weren't sure who
18 was doing subcontract work. So it was confirmed in the
19 meeting that there was a commercial contract.
20 Therefore, all we're going to do is pass the information
21 on to NISA and then they can do what they want to with
22 it.

23 ROY ZIMMERMAN: Okay. Thank you. Any
24 other discussion on Item 20.

25 RICK NIELSEN: This is Rick Nielsen from

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1 INPO. That should be pretty easy to determine if
2 there's that contract that Shaw is in with INPO industry
3 support there at TEPCO.

4 ALAN: Yes, and Rick, I wouldn't even worry
5 about it. I think TEPCO noted that they have a contract
6 right now. So from our perspective in this list, once
7 it moves into a commercial contract I do not believe
8 that we're going to be tracking it any more.

9 This is really just for the government to
10 government, or even I would think private industry to
11 government if they're going to be donating it to the
12 government of Japan. But once TEPCO gets involved,
13 issues a commercial contract with entities, I don't
14 believe that we plan to track it on this list.

15 RICK NIELSEN: Roger that.

16 ROY ZIMMERMAN: Okay. So we move on to
17 Item 4, germanium semiconductor detectors.

18 JAY TILDEN: So I tried to update. It
19 looks like some of my updating didn't work. So let me
20 go back to the other list, I apologize. Basically we
21 have, right now they're officially a loan. We have
22 loaned two high purity germanium detectors and we have
23 four more that we believe will be delivered from Naval
24 Research Lab, so apparently we had some down there, to
25 Yokota Air Base on April 11th.

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1 And I had the FedEx tracking numbers. And
2 I don't know why, as I'm looking at this printout I'm
3 not seeing this in here. So that is still open but it
4 is progressing.

5 ROY ZIMMERMAN: Yes, and it does show on
6 the list that we used last night that you updated.

7 JAY TILDEN: Great.

8 MALE PARTICIPANT: Put into this current
9 list then that two detectors are on loan, four more en
10 route to be delivered on April 11th to Yokota?

11 RON CHERRY: This is Ron. I just want to
12 give folks a heads up that (inaudible) with the AMS,
13 the DOE AMS team here at the Embassy to help me write
14 this section down, because you've got different
15 detectors and different actions going on with multiple
16 ministries. I don't really like this, you know, A, B,
17 C, D, E, F approach, especially if it goes on too long.

18 But I think in some of these areas where
19 we have the same sort of thing but being done in slightly
20 different ways with different ministries, I want them
21 to break these out in discrete line items so that it
22 will hopefully be a little more clear, at least to me,
23 on this spreadsheet.

24 So you'll probably see something like this,
25 well I hope anyway, in a further update of the

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1 spreadsheet. I hope that's clear.

2 ALAN: That's fine. However you want to
3 slice it, Ron, we're okay with that.

4 ROY ZIMMERMAN: Okay. We have some
5 positive news on that item. The next one looks like
6 13-A. This was a request for a large numbers of meters
7 and dosimetry iodine shield that we talked about
8 yesterday.

9 And it looked like some of those had changed
10 yesterday. That the government of Japan didn't need
11 some of those, they just needed aspects of some different
12 things. What can we do to update this from yesterday's
13 dialogue?

14 BILL BERGER: The issue on this, and we've

15 (b)(5)
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20 They have requested these from other
21 donors, that's why we have a donors meeting here to see
22 what other people are doing. But we have to see what's
23 manageable on our side. And also we want to confirm
24 exactly what kind of dosimeters they need so we're
25 getting them the right ones.

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1 MALE PARTICIPANT: Bill, that was you?

2 BILL BERGER: That was me. Over to you.

3 RICK NIELSEN: Yes, so this is one of these
4 requests that just for some reason hasn't gotten a lot
5 of traction. The, I guess, the (inaudible) connected
6 to the donor had provided information on things like
7 the dosimetry as well as these iodine absorbent masks,
8 regarding commercial availability. And to the best of
9 my knowledge no response from the Japanese.

10 So it looks like this is -- And yet the
11 Japanese are withdrawing the request. And so it looks
12 like in order to close this out the government may have
13 to just simply step in and do it and source these somehow
14 and then arrange for them to be shipped, because this
15 is not going away. But the Japanese themselves don't
16 seem to be acting on the information that we provided
17 with respect to commercial availability.

18 So a U.S. Agency, potentially DOE, or
19 potentially somebody else is going to have to step up
20 and just do it. That's my take on it. Bill, do you
21 have anything you want to add?

22 BILL BERGER: Well, I think we'll try and
23 get out a cable for your waking up Monday to talk about
24 how we envision the vetting process working here. I
25 mean we can look if things are locally available. We're

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1 doing resource mapping here to once again make sure that
2 we know what might be available locally.

3 So if we are going to step up to the plate
4 we can buy it here so we avoid shipping and also so we
5 can provide that vendor name to the Japanese government
6 because there's no reason they can't purchase those
7 things.

8 So we'll let you know on it. That's why
9 we have this whole process to make sure that nothing's
10 falling between the cracks. That we're being as
11 efficient as we can. So once again, that's how we'll
12 move forward on local purchases, we'll purchase it here
13 if we can.

14 RICK NIELSEN: This is Rick Nielsen. Back
15 on the dosimetry question, is there any need for us to
16 do sourcing at the industry level here or is there
17 sufficient attention given to it at the government
18 level?

19 BILL BERGER: Please hold on that. We'll
20 sort that out and get back to you. We also want to talk
21 to the other donors about what's being provided from
22 their side. But once again, this is a long term need,
23 it's not something that we'd have to be able to respond
24 to in the next couple of days.

25 RICK NIELSEN: We'll stand by on that.

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1 ROY ZIMMERMAN: But it is a high priority
2 though? Okay. If there's nothing else on that item
3 I'll move to Item 1. Aerial survey for AMS measurement,
4 data sharing and analysis.

5 JAY TILDEN: So my impression on that is
6 that is ongoing and good and that we have no problems.
7 So if anyone wants to correct me on that please do.

8 ROY ZIMMERMAN: Then that would allow us
9 to close this item because we don't have any additional
10 work planned other than what we're already doing.

11 RICK NIELSEN: The one point there, I don't
12 know if it's worth keeping it open, but we do have a
13 joint aerial monitoring mission that will be taking
14 place over the next couple weeks, as indicated here.
15 It should have begun yesterday. I think they may have
16 had to push that back by a day or so.

17 But the idea is that at the end of this
18 period on or about the 12th the U.S. and Japanese
19 analysts will get together and basically create a joint
20 product reflecting the results of the aerial surveys.

21 So that is an outstanding action, to complete that
22 product.

23 But the bottom line is that the work, as
24 Jay mentioned, the work is proceeding very well. It's
25 good cooperation. And so I think from that standpoint

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1 we can certainly say mission accomplished on this one.

2 ROY ZIMMERMAN: Do you want to leave it open
3 or would you prefer to close this that we don't need
4 to update this on a routine basis?

5 RICK NIELSEN: I think from that standpoint
6 we could close it.

7 ROY ZIMMERMAN: Yes, closed on the other
8 list. Okay. 2-A, loaning ground radiation monitoring
9 devices, local and stationary.

10 JAY TILDEN: So again, apologies. I think
11 when I sent out the modified integrated list I have
12 missed some things. So on the Consortium list, under
13 2-A, you will see the update, which I'll read for you.

14 But what you may want to do is just go ahead and transfer
15 that over. DOE currently has operating air samplers
16 on the roof of the Embassy, at the Consequence Management
17 Team Headquarters in Yokota and occasional field
18 deployments.

19 DOE is working to install eight infield
20 radiation detection backpacks in an unattended mode,
21 which will reading to Fukushima Nuclear Power Plant from
22 about anywhere from 10 to 30 miles out, within small
23 police stations (inaudible). (Indiscernible, possibly
24 METS) has approved this and now they're waiting for
25 coordination with the Japanese National Police to put

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1 this in place.

2 ROY ZIMMERMAN: Okay, that's great.
3 That's a great write up and a lot of detail. I thank
4 you. We'll get to that write up will then move over
5 into the comment section. Any other discussion on that
6 item? 2-B?

7 RICK NIELSEN: 2-B is pretty easy from
8 INPO's standpoint here. The San Onofre and South Texas
9 items have shipped. Bruce has not shipped yet. I think
10 one open item that deserves some attention as to how
11 work with the authorities in Japan to free up the
12 shipping or the receipt of low level contamination
13 items. Because as things are sent from the U.S.
14 industry there might be low levels of internal
15 contamination. And until that's resolved that could
16 limit some of the things that are shipped.

17 ALAN: And, Rick, does that include the
18 shipment from Bruce to the government of Japanese.

19 RICK NIELSEN: Negative, that shouldn't.
20 It was the cost that is probably limiting Bruce. They
21 have to get approval for that. Their intent is to go
22 ahead and ship several of the hand and foot monitors
23 by air and the rest of them by sea. In the last two
24 days I have not had an update from them on that. So
25 I don't have a current status on whether that has shipped

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1 or not. I know for a fact that San Onofre and South
2 Texas have shipped theirs though.

3 ALAN: Okay, was Bruce going to pay for that
4 themselves or were they looking for reimbursement?

5 RICK NIELSEN: Their intent is to pay for
6 it themselves.

7 ALAN: Okay. Then I think what we need to
8 do, this was not a high priority item so it wasn't
9 discussed yesterday. But we do have a point of contact
10 for two people at NISA and what we need to do today is
11 to get an email out to those two individuals, let them
12 know what's coming.

13 And I think we also want the government of
14 Japan to determine if they would like these detectors
15 quicker than by sea. And if they'd like them quicker
16 than by sea then they, I think, the recommendation would
17 be they would pick up the cost for that. If they needed
18 them quicker they can pay for the air shipping.

19 Now, do you know if they've, I think they
20 were going to ship four by air. Do you know if they
21 shipped the other 16 by sea yet or are they still waiting?

22 RICK NIELSEN: I'm sure they have not
23 shipped the others by sea yet. This is probably more
24 detailed than you want, Bruce is a very large site.
25 It's a single nuke utility but it's an eight-unit site.

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1 And they have these hand and foot monitors distributed
2 in SEAVANs and they have some 30 or 40 SEAVANs that have
3 these in there.

4 And they're having to open each one to try
5 to find out where they put these. They know they have
6 them, they're still looking for some of them. I think
7 they have 12 of them located now.

8 ALAN: And based upon the conversation we
9 had before, the items coming from Bruce do not have any
10 contamination?

11 RICK NIELSEN: That's correct.

12 ALAN: Okay. So I think what we need to
13 do, if you could get back in touch with Bruce and
14 recommend that they do not ship the ones by sea yet until
15 we get a response from the government of Japan, because
16 if they would like them sooner and they want to pay for
17 it, if I remember correctly shipping by sea was like
18 20 days.

19 RICK NIELSEN: That's correct. A minimum
20 of 20 days, 20 to 25.

21 MALE PARTICIPANT: Yes, so I would propose
22 that the action, the next step on this, is if you can
23 get back with Bruce and let them know to hold off on
24 the shipment. And we're going to get in contact,
25 probably by email, with the individuals that were at

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1 the Cabinet Meeting and let them know the status of this
2 and ask them if they feel that they need them sooner
3 than, you know, April, early May.

4 And if the answer is yes and they want to
5 pay for it then we'll get back with you and let you know.

6 We'll work out the details on that.

7 RICK NIELSEN: Very good. I understand
8 then to tell Bruce to hold off shipping by sea until
9 there's further word.

10 ALAN: Yes, and we should hopefully have
11 that information early next week.

12 RICK NIELSEN: Very good. Thanks.

13 ROY ZIMMERMAN: Okay. Thank you. Unless
14 there's any further discussion on 2-Bravo we'll move
15 to Item 3. Conduct simulation by radiation diffusion
16 model.

17 RON CHERRY: Excuse me. This is Ron in
18 Tokyo. I have to be on a conference call in just a few
19 minutes. So is there anything else you need from me
20 before I cut out?

21 MALE PARTICIPANT: So let me jump in, Ron,
22 on that. I'm going to be on the same conference call
23 with him. So I would like to cover a couple of the
24 DOE-centric things that I need to make sure you guys
25 have. And that way then I can feel like I didn't just

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1 ditch out on you guys. Is that all right?

2 So real quick on Number 3, what you just
3 mentioned. On the Consortium we closed that. Ron, I
4 think we agree that we've already been sharing the
5 radiation diffusion and the SPEEDY models and I think
6 that that's going just fine. So I don't see any more
7 activity with that.

8 The next one, Number 5, Robotic Monitoring
9 Devices. There's an update in the Consortium that I
10 didn't transfer over. That basically says that we're
11 waiting on the government of Japan to tell us whether
12 or not they want these people to come over. We have
13 four people selected, we can send them over if they want
14 at no cost to them. I just need to know whether or not
15 the government of Japan wants these people.

16
17 And I believe the rest of them, like 5-A,
18 5-B, I think that's all I had. They're all under
19 control. The radiation hardened cameras, the
20 (indiscernible, possibly gamma cams). We've already
21 kind of sent in with the robotics and that's why we want
22 to send some of the experts along as well.

23 So I think that covers all of DOE's things,
24 except for maybe some more things on Alice's side. So
25 Alice, are you still on? You can cover while I jump

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1 off, is that okay?

2 ALICE CAPONITI: That's fine. Thanks.

3 MALE PARTICIPANT: All right. So any
4 other things for me or Ron?

5 ROY ZIMMERMAN: No. Thank you for joining
6 us this evening.

7 MALE PARTICIPANT: Not a problem. Thank
8 you guys. We really do appreciate you guys organizing
9 this and running it. I think it's really been very good.
10 It's a very good forum.

11 ROY ZIMMERMAN: Okay. We'll talk to you
12 tomorrow night. Does somebody have a comment?

13 I think it brings us to 5-Charlie,
14 Westinghouse working on the UAV request and coordinating
15 with Texas A&M, and we don't have a correlation to the
16 Consortium on.

17 MALE PARTICIPANT: I thought Toshiba was
18 already in the country, in Japan actually?

19 DAN FIDDLE: This is Dan Fiddle, with the
20 Industry Support Team. I do know that the UAV with
21 Westinghouse and Honeywell is onsite and the Texas A&M
22 Expert has been coordinating.

23 ROY ZIMMERMAN: So we should close this
24 item?

25 DAN FIDDLE: Unless there are separate

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1 requests for UAVs, yes. We are not aware of any other
2 active UAV requests other than that. And the T-Hawk
3 is onsite. Did its test flight yesterday.

4 ROY ZIMMERMAN: Okay. Sounds to me like
5 we should be closing it.

6 DAN FIDDLE: I concur.

7 ROY ZIMMERMAN: Okay. Unmanned
8 helicopter. We closed that one a couple of nights ago.

9 Just confirming that everybody agrees that we should
10 show the unmanned helicopter is a closed item. We
11 closed it on, I'm trying to find it on the Consortium
12 list.

13 TIM: Sorry I want to clarify. This is Tim
14 from the Embassy. Are we closing this or was the request
15 withdrawn? Because for requests that were withdrawn
16 we're taking them off the list. For things that we
17 delivered but are closed we're leaving them on to keep
18 track of.

19 (Crosstalk)

20 MALE PARTICIPANT: There are four T-Hawk
21 helicopters onsite.

22 ROY ZIMMERMAN: It says no longer needed.

23 TIM: Four T-Hawk helicopters, so we'll
24 leave it as closed and keep it on the list as a closed
25 item.

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1 ROY ZIMMERMAN: 16, Separation materials
2 for maps. Is that an old item or a new item?

3 MALE PARTICIPANT: It's not on the other
4 list.

5 ROY ZIMMERMAN: I'm hearing it's not on our
6 Consortium list. (inaudible) enough detail to what
7 this item is?

8 MALE PARTICIPANT: The map part is
9 redundant between 16 and 13-A. Yes, the iodine maps.

10 ROY ZIMMERMAN: Do we see closes and maybe
11 making reference that it's just for tracking purposes?
12 That it's redundant to 13-A?

13 MALE PARTICIPANT: Correct.

14 ROY ZIMMERMAN: Okay. So this one's closed
15 and the comments will say redundant to 13-A. The next
16 item is Item 18, Potassium Iodide Preparation, one
17 million 70 dose bottles. Closed on the Consortium list.

18 So we just need to close this. Alan to verify the
19 government in Japan may be (inaudible) logistics.
20 Industry had tablets available, (inaudible) has liquid.

21 ALAN: Yes, we can tell you this one's hung
22 up with the Japanese government. (b)(5)

23 (b)(5)
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(b)(5)

ROY ZIMMERMAN: Do we need to keep this open?

ALAN: we're hoping it'll be closed in a couple of days, but it's with the lawyers right now.

ROY ZIMMERMAN: Yes, we probably should update the comments section. The action is the government of Japan.

Okay, Item 24. Medical Triage. Can anybody speak to this item? Decontamination capability, I don't know if it was on the Consortium list or not.

ALAN: Well as I understand it there is a Military (indiscernible, possibly sea burst) team that's here and they're going to support the Japanese government with training. We will talk to Joint Forces Japan and get back to you on that one.

ROY ZIMMERMAN: All right. Maybe add a little something in the comments, we didn't really have a whole lot on that item, in terms of what we're doing with it. Item 25, extinguishing coolant. This was one that we needed to find out exactly what this request was. Any success on that yesterday?

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1 ALAN: The answer's no. That's another
2 one that we're going to be forwarding to the point of
3 contacts in NISA. It was not a priority for them
4 yesterday.

5 ROY ZIMMERMAN: To see if they still want
6 it? And to try to find out exactly what it is they want?

7 ALAN: Yes, exactly. I'm not sure exactly
8 what that item is. And if they can accept it once we
9 give it to them. My gut feeling is that's probably going
10 to fall off.

11 ROY ZIMMERMAN: Sounds like it. Item 26.
12 P&L into crisis management dialogue. P&L team in Tokyo
13 and providing support, so is that one closed?

14 ALAN: We need Ron to weigh in on that, I'm
15 sorry.

16 ROY ZIMMERMAN: We'll raise it tomorrow to
17 Ron. 27, U.S. cooperation in private sector engineers
18 into Shielding Working Group. Can anybody speak to
19 that?

20 ALAN: Yes, I'll have to check my list on
21 that, Roy. I don't have that one in front of me.

22 ROY ZIMMERMAN: All right, so we'll revisit
23 it tomorrow?

24 ALAN: Yes.

25 ROY ZIMMERMAN: 19, Assessment of

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1 structural stability at spent fuel pools.

2 ALAN: That's another one where we're going
3 to have to get input from them, because we did a
4 structural assessment. And I think what we were trying
5 to understand is, is that what they needed or do they
6 need more. Do they want us to do more specific
7 calculations on shielding, which I don't think we have
8 and we typically do the expertise. So we need to number
9 one, understand that it is.

10 And then once we do that we have to work
11 with to, if we're not the right people, to figure out
12 who the right people are. So more to follow after we
13 get an update. That's another item that's going to be
14 sent to their experts, to our points of contact, because
15 it was not on their priority list yesterday.

16 ROY ZIMMERMAN: (b)(5)

17 (b)(5)
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1 ALAN: Yes, and I think we've already
2 provided the initial analysis to them. I think this
3 is analysis for shielding. So yes, if it's more than
4 what we just wanted we'll have to hear that from their
5 experts on what they're looking for.

6 ROY ZIMMERMAN: When do you think we'll
7 hear more on this item?

8 ALAN: Once again, it was not a priority
9 for them at the meeting. We're going to send an email
10 to try and contact their people. But if it's not a
11 priority for after the meeting all the NISA people were
12 completely focused on water control, like a laser beam.
13 That's all they were worried about.

14 (b)(5)
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21 ROY ZIMMERMAN: All right. Thank you.
22 29-Bravo, (inaudible) expertise on temporary
23 (inaudible) options to determine whether the plant
24 buildings are strong enough to hold up under additional
25 pressure.

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1 ALAN: Yes, that's the same thing.

2 ROY ZIMMERMAN: All right. 31, KMG
3 Technical Document. The guidance is info contacting
4 Japan being updated.

5 ALAN: Yes, I believe they've already
6 provided that to TEPCO. I think what we need to do there
7 is just get confirmation from Japan that they received
8 it and close it.

9 ROY ZIMMERMAN: All right. So we won't
10 close it until we get that confirmation.

11 ALAN: Yes, that's correct.

12 DAN FATAL: Yes, I can give you that
13 confirmation, this is Dan Fatal (phonetic) with the INPO
14 Industry Support Team. TEPCO has definitely received
15 that document. We had a conference on that yesterday
16 with their review of it. So that can be --

17 ROY ZIMMERMAN: So we can close it then?

18 DAN FATAL: Yes, close this one.

19 ROY ZIMMERMAN: 32, GE Hitachi is following
20 up on the nitrogen curve issue analysis.

21 ALAN: Yesterday we have received that
22 analysis. Today we hopefully will not be tied up in
23 nearly as many meetings as yesterday so we can start
24 to review these items and move them to TEPCO and NISA.
25 So I would think within the next day or two that will

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1 be closed in that we followed up with NISA and TEPCO
2 with the analysis.

3 ROY ZIMMERMAN: Okay. 33, clarify per
4 (inaudible) Safety Team the indications that could be
5 used to assess pressure vessel integrity at location
6 of core.

7 ALAN: I think that's ongoing.

8 ROY ZIMMERMAN: Okay. 34, list
9 alternative flow paths that can be used for purging
10 accessibility challenges. GE to provide March 29th
11 list, INPO providing technical review.

12 ALAN: It's thought that we had provided
13 that, or either we did or INPO. We'll take a look at
14 it, there's one outstanding document that we need to
15 go through yet. But I think this was separate. Over
16 the next day or two, as we start to clear the analyses
17 through the Japan team and turn them over, that should
18 be flushed out.

19 ROY ZIMMERMAN: Okay. 35, confirm
20 corrective safety team recommendation that pressure
21 vessel injection can be maximized once containment has
22 pursed and vented. Ongoing project.

23 ALAN: Yes, that's ongoing and that's the
24 discussions we have with TEPCO and NISA at a 11:00.

25 ROY ZIMMERMAN: Okay. So the other items

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1 all show closed?

2 MALE PARTICIPANT: I think that's about
3 adding the protective titanium body armor.

4 ROY ZIMMERMAN: Well that (inaudible) you
5 raised, which one is that?

6 MALE PARTICIPANT: The Item Number 12, a
7 couple of pages back on protective body armor, I think
8 Chuck Casto asked that an item be added to the list on
9 titanium body armor. Bill or Alan, do you have any
10 information on that?

11 ALAN: Yes, I think INPO has already
12 provided that. And I gave Chuck some information this
13 morning.

14 MALE PARTICIPANT: Okay, good. So we can
15 keep that closed?

16 ALAN: Yes, unless Chuck comes back and
17 requests more information.

18 TOM: Yes, this is Tom (inaudible) from the
19 industry support team here in Tokyo, that information
20 was provided for the Tungsten shielding and that
21 personal protection.

22 MALE PARTICIPANT: All right. We'll keep
23 it closed.

24 ROY ZIMMERMAN: All right. Anything from
25 the Consortium list that we think we need to talk about?

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1 Or do we think we covered them when we went over the
2 Embassy list? Let's see, there's an item here --

3 MALE PARTICIPANT: The combination
4 filters?

5 ROY ZIMMERMAN: Yes, combination filters
6 and (inaudible) limits by TEPCO (inaudible). There's
7 two in stock, supply chain to locate TEPCO committed
8 to purchase and ship. Determine how this will work.
9 Can we do any update on that?

10 MALE PARTICIPANT: Is that not the same as
11 Number 4?

12 ROY ZIMMERMAN: Number 4? I'm sorry.

13 MALE PARTICIPANT: I thought those were
14 (inaudible) numbers.

15 ROY ZIMMERMAN: Anybody know anything
16 about that item from the Consortium list? Well we
17 probably ought to look at carrying it forward until
18 somebody can talk to it. What we're doing is picking
19 out items that don't have Embassy numbers on them on
20 the Consortium list. That one was the only one.

21 Okay, so that item would need to migrate
22 over.

23 RICK NIELSEN: Sorry, what item are we
24 talking about here?

25 ROY ZIMMERMAN: There's no number on it.

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1 MALE PARTICIPANT: It's not on the Embassy
2 list, it's on the soliciting and maintaining, the fourth
3 page, try new combination filters and (inaudible) limits
4 requested by TEPCO through (indiscernible, possibly Al
5 Hokabar).

6 RICK NIELSEN: There's a lot of items that
7 we had on the list that we gave to the Japanese that
8 they lined out saying that they're no longer requesting
9 it. The Embassy list here is the complete list of what
10 the Japanese government tells us that they're asking
11 for.

12 ROY ZIMMERMAN: Then we should close this
13 item then.

14 RICK NIELSEN: If it's not on this list that
15 means the DOJ told us that it's no longer an active
16 request.

17 ROY ZIMMERMAN: All right, so the only
18 thing it sounds like we need to do is take some of the
19 good work that was done in the comment section, bring
20 some of these items current and move that language over
21 onto the Embassy list.

22 RICK NIELSEN: If you want to put it on the
23 Embassy list as a closed item we can do that.

24 ROY ZIMMERMAN: Well I'm talking about --

25 TIM: This is Tim, on the (inaudible)

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1 combination filters and (inaudible), that new item, is
2 being handled commercially by TEPCO.

3 ROY ZIMMERMAN: All right, so they're not
4 looking for any support from any of us?

5 TIM: No, that is correct. you can close
6 this item.

7 ROY ZIMMERMAN: All right, any other
8 comments, questions, before we wrap up?

9 MALE PARTICIPANT: I think we're dealing
10 with a much more manageable list today than we were at
11 the beginning of the week. There's still a lot of
12 information we need to get on our side from the Japanese,
13 you know, like we had said earlier we spent two and a
14 half hours going over the first five items.

15 ROY ZIMMERMAN: That's a good test in
16 patience.

17 MALE PARTICIPANT: Yes. We'll get through
18 it.

19 MALE PARTICIPANT: Well, Bill and Alan,
20 would you want us here at the NRC Headquarters to make
21 those changes and then maintain the Embassy list as now
22 the one list?

23 ALAN: I would probably recommend to go
24 ahead and make the changes and then email it out to us
25 so that we can do, with the Embassy list I think they

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1 have some people that want to go through and review it
2 and just verify it.

3 ROY ZIMMERMAN: Okay. So to support maybe
4 your goal of taking the list over on that end by the
5 end of this week, which for you is coming quickly enough,
6 we have another day on this end.

7 ALAN: Yes, and I would say that that could
8 be excellent if you could do that and then just fire
9 it off so that these guys can do a quick verification
10 on it.

11 ROY ZIMMERMAN: So the goal then, if I
12 following, will be that we'll only be dealign with one
13 list tomorrow?

14 MALE PARTICIPANT: Exactly. We want to
15 get this list, take the changes from this call, put them
16 into this Embassy list and give it to the DOJ today so
17 they can go through with them, because it's going to
18 be an iterative process.

19 ROY ZIMMERMAN: Okay. Very good.
20 Anybody got any other comments before we close?

21 MALE PARTICIPANT: We should be able to get
22 that to you quickly. Easily within an hour.

23 MALE PARTICIPANT: Fantastic, thank you.

24 ROY ZIMMERMAN: Okay. Once again thanks
25 for your support and your energy and we'll chat tomorrow.

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1 MALE PARTICIPANT: Thanks.

2 ROY ZIMMERMAN: Thank you.

3 (CONFERENCE CALL ENDED)

13 (CONFERENCE CALL INITIATED)

14 0(3U#JO613765094

15 ROY ZIMMERMAN: Hi, Vince?

16 VINCE HOLAHAN: Hello, well I guess it's
17 aloha.

18 ROY ZIMMERMAN: How are you doing, aloha.

19 VINCE HOLAHAN: Death by meetings.

20 ROY ZIMMERMAN: You must be doing - yes,
21 I know that's the same thing Chuck would say. You must
22 be doing a great job because we keep hearing real good
23 feedback on how you're helping them.

24 VINCE HOLAHAN: Hey, I learned a long time
25 ago, stay low and keep moving.

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1 ROY ZIMMERMAN: Yes, well it must be
2 working. I think they're benefitting from your
3 talents. You're aware that they want to keep you
4 longer?

5 VINCE HOLAHAN: Yes, I am.

6 ROY ZIMMERMAN: Do you want to be kept
7 longer?

8 VINCE HOLAHAN: Well, you know, I've got
9 no problem. And the reason I say that, I see this as
10 eventually winding down.

11 ROY ZIMMERMAN: Yes, eventually.

12 VINCE HOLAHAN: I don't know how much
13 longer we're going to want to keep somebody out here.
14 If we get to the point where we can start declaring
15 these things a little bit more stable, I'm figuring once
16 you start pulling folks out of Tokyo we're going to be
17 shutting down the Emergency Operations Center and then
18 there's no need for us to be even here.

19 ROY ZIMMERMAN: Okay. So you're looking
20 at trying to see it through, is that your thoughts?

21 VINCE HOLAHAN: Yes, you know, consistent
22 with whatever the tempo is back there. You've got to
23 understand, first of all if you don't have a CAC Card
24 you can't get on to base, you can't do a lot of the things
25 you need. So that really helps.

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1 ROY ZIMMERMAN: Well that --

2 VINCE HOLAHAN: Well, you know, Glen Tracy
3 would be a type of person that would fit in just fine
4 out here.

5 SCOTT MORRIS: Hey, Vince, it's Scott
6 Morris, (phonetic) how are you?

7 VINCE HOLAHAN: Hey, doing quite well.

8 SCOTT MORRIS: Good.

9 ROY ZIMMERMAN: I hadn't spoken to you
10 since you've been out there so I was looking to try to
11 chat with you, see how you were doing. If there's
12 anything that you need. But then also to find out what
13 your reaction was to their request. So has anybody else
14 asked you that question?

15 VINCE HOLAHAN: Well actually we've had
16 quite a few folks bring it up. You know, it's the type
17 of thing, one of the senior folks here basically put
18 it, for whatever the reason, I probably got one of the
19 better operational views of what's going on here because
20 of all the different aspects we play in.

21 ROY ZIMMERMAN: Yes.

22 VINCE HOLAHAN: And I think that's
23 something they value.

24 ROY ZIMMERMAN: Right, but my question,
25 Vince, has somebody back here at Headquarters asked you

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1 about your druthers about staying or coming back?

2 VINCE HOLAHAN: You know, for a couple of
3 weeks I just don't mind.

4 ROY ZIMMERMAN: Yes, but somebody has asked
5 you other than me?

6 VINCE HOLAHAN: Michelle did. Michelle
7 Evans, we were exchanging emails today.

8 ROY ZIMMERMAN: Yes, she's the right one
9 because she's working the (inaudible) and everything,
10 okay.

11 VINCE HOLAHAN: Yes, she sent me an email.

12 (b)(6)

13
14 (b)(5)

14 ROY ZIMMERMAN:

15 (b)(5)

16 VINCE HOLAHAN: You know, the one thing I
17 would say is, you know, if I did have a say in it. It
18 would really be nice to be back on that ground by April
19 30th. (b)(6)

20 (b)(6)

21 ROY ZIMMERMAN: Yes, well I don't remember
22 offhand their date, was it like the 27th or something?

23 VINCE HOLAHAN: They were looking at the
24 27th or the 29th, you know, if I was back on the ground
25 the 29th that would be departing the 28th. I mean quite

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1 frankly in a couple of weeks, I mean, we need to reassess
2 if we want to continue doing this. Because this
3 literally could go on for months. (b)(5)

4 (b)(5)

5 ROY ZIMMERMAN: Right.

6 JENNIFER EWELL: Hey, Vincent, Jennifer
7 Ewell.

8 VINCE HOLAHAN: Hi, how are you doing?

9 JENNIFER EWELL: Good. How are you doing?

10 VINCE HOLAHAN: Well, do you know a Rear
11 Admiral Ewell?

12 JENNIFER EWELL: No.

13 VINCE HOLAHAN: It's spelled the same way
14 they just have a different enunciation.

15 JENNIFER EWELL: Huh, no. I didn't think
16 my gene pool was that deep.

17 VINCE HOLAHAN: He's Navy so maybe it is.

18 JENNIFER EWELL: Okay. All right, so
19 here's my question. What technical, I would say, skill
20 set are you using primarily to support the group out
21 there?

22 VINCE HOLAHAN: Understanding of Military
23 Consequence Management. I'm working with the J-2 Shop,
24 the J-5-7 Shop. Sometimes the J-3 Shop. So that's
25 Intel operations. The Consequence Management Team here

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1 we interact with Navy Reactors that happens to be here
2 as well as the DOE Liaison while he was here. Plus the
3 J-9, which is involved with the Consortia calls and all
4 of the equipment transfer. (b)(6)

5 (b)(6)

6 JENNIFER EWELL: Okay. So aside from the
7 military aspects, is it your rad protection background?

8 VINCE HOLAHAN: A lot of that's coming in.

9 A lot of HP questions. They're trying to bounce off
10 force protections things. What would we do, what does
11 EPA do? Decontamination standards, release standards.

12 Very much in the (indiscernible, possibly PAGS), they
13 had a lot of modeling questions. How are we modeling,
14 what's the nature of the modeling. So it's a lot of
15 PNT type of stuff as well.

16 JENNIFER EWELL: Okay.

17 ROY ZIMMERMAN: Do you need anything from
18 us?

19 VINCE HOLAHAN: You know, I'm talking to
20 the PNT a minimum of once a day, we've got a set time
21 we go back and forth. I spend a lot of time working
22 with Jim Whitney (phonetic) trying to coordinate a lot
23 of the efforts here, trying to bring staff in. Tony
24 Ulses, you know, he's been on a number of calls with
25 us, they would like to have a daily occurrence with that.

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1 And that's generated, obviously, a number of
2 communications issues but I think they're working it
3 out.

4 ROY ZIMMERMAN: Okay.

5 SCOTT MORRIS: Vince?

6 VINCE HOLAHAN: Yes.

7 SCOTT MORRIS: I got something that we were
8 talking about last night, and still on the turnover,
9 the six pages of questions that PACOM had for us, that
10 originally they were trying to get out of the site team
11 but the site team deferred to us.

12 VINCE HOLAHAN: Okay, who sent these six
13 pages of questions? Because Trish asked me about that
14 at 4:15 this morning and my question to her is who sent
15 it. And they weren't sure if it was real, if it was
16 a phantom request. So you do have six pages of
17 questions?

18 SCOTT MORRIS: I've heard six pages and
19 then now I'm reading the turnover now and it says 60
20 questions. So I'm --

21 VINCE HOLAHAN: Yes she said something
22 about 60 questions.

23 GREG: Yes, we never -- This is Greg, how
24 are you doing, Vince?

25 VINCE HOLAHAN: Hey, doing well.

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1 GREG: I don't think we've seen those yet.

2 We keep hearing the rumor that they're coming and we
3 thought they were tied to our getting the Tandberg line?

4 VINCE HOLAHAN: No, it's got nothing to do
5 with that. And that's why when it said USMJ I said what's
6 that. And the closest I could come is maybe U.S. Mission
7 Japan. Trish contacted the point of contact at the
8 Embassy, they don't know of any questions.

9 SCOTT MORRIS: Okay. Maybe it's a garble.

10 VINCE HOLAHAN: I would facilitate getting
11 those questions to you. I would facilitate scrubbing
12 those questions for you if I had seen them, you know,
13 just nothing has come through here. I talked to a number
14 of in the (indiscernible, possibly TOO) Office, that

15 (b)(5)
16
17

18 SCOTT MORRIS: Let me just read to you the
19 two-sentence turnover items. Vince Holahan has
20 requested some information from PACOM. Examples
21 include guidance on the return of U.S. Citizens and the
22 report cited on the New York Times article on Wednesday,
23 April 6th. I'm sorry, I lied, there's one more on the
24 sentence. Also PACOM had 60 questions that NRC is
25 trying to get.

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1 VINCE HOLAHAN: Okay, now I did call in with
2 regards to the New York Times Article. And the request
3 from DTRA. DTRA wanted a copy of the assumptions
4 document that had been referenced there and if we could
5 release it to DTRA. And the bottom line that I
6 understood was, is right now the principles that were
7 involved in drafting that document could have it. And
8 a discussion was ongoing as to whether it would be shared
9 with other federal agencies.

10 That was my point into this. I didn't have
11 anything to do with the reentry document. My
12 understanding is Trish Milligan was working was working
13 that.

14 And as far as the 60 questions, we were
15 trying at some point to set up a QA with some of the
16 folks here with the RST just about plant status and
17 things like that. But no mention of numbers of
18 questions. In fact, I was asking folks here for
19 questions and never got any written up.

20 SCOTT MORRIS: Must be a garble then.

21 JENNIFER EWELL: But when you say the
22 assumptions document, you mean those severe accident
23 recommendations?

24 VINCE HOLAHAN: Right, right.

25 SCOTT MORRIS: Shouldn't be a problem,

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1 we've already shared that with a whole bunch of people.

2 VINCE HOLAHAN: Well when the first request
3 came in it was from Dale Petroff (phonetic). Dale is
4 an SAIC contractor at DTRA, and the first response was
5 we can't give it to a contractor. So I said fine if
6 I had one of the staff at DTRA request it will you release
7 it to them. And Tim came and his response was, we'll
8 that discussion's ongoing right now we're not sure if
9 and when we're going to give it to other federal
10 agencies.

11 JENNIFER EWELL: It's already leaked.

12 SCOTT MORRIS: I mean it's already out.
13 So I don't --

14 ROY ZIMMERMAN: (Inaudible.)

15 JENNIFER EWELL: Yes, I don't understand
16 what --

17 VINCE HOLAHAN: Well, so if I go back to
18 DTRA and ask them to send an email request for the
19 document in through let's say the RST, that would be
20 the appropriate venue?

21 JENNIFER EWELL: Yes.

22 SCOTT MORRIS: That would work.

23 VINCE HOLAHAN: So that way you've got the
24 official request from a non-contractor type?

25 SCOTT MORRIS: Yes.

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1 VINCE HOLAHAN: You got it.

2 SCOTT MORRIS: How's everything else?
3 Need anything else from us?

4 VINCE HOLAHAN: No. As long as
5 everybody's happy with that's going on, you know, that's
6 end state we're looking for. Keep the customer happy.

7 SCOTT MORRIS: What hours can you be
8 reached?

9 VINCE HOLAHAN: Well, that's --

10 SCOTT MORRIS: Because we tried to reach
11 you last night and I don't know what the issue was.

12 VINCE HOLAHAN: Well, what time did you try
13 to call?

14 SCOTT MORRIS: It would have been about 7
15 o'clock out there, p.m. You probably out to dinner or
16 something, but.

17 VINCE HOLAHAN: Well actually, yes. About
18 7 o'clock I went for a walk, but I had my BlackBerry
19 with me so I don't know why that wasn't going off.
20 BlackBerry doesn't really work during the day because
21 we can't bring it into the building.

22 SCOTT MORRIS: Right.

23 VINCE HOLAHAN: And just like Chuck, you
24 know, I start the day off with meetings at 5 o'clock
25 in the morning and I finish at about 4 o'clock in the

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1 afternoon. And in a couple of periods between that it's
2 rush back to the desk, check the email, and rush off
3 to the next meeting. But, hey, the guys working with
4 Jim Whitney said they're setting up the communications,
5 you know, they're doing just great work. I mean, it's
6 a real tough nut to crack. And my best goes out to all
7 those guys, I mean they're really helping out.

8 SCOTT MORRIS: Is it a video conference
9 you're trying to arrange?

10 VINCE HOLAHAN: (b)(5)

11 (b)(5)

12
13
14 SCOTT MORRIS: Got it.

15 VINCE HOLAHAN: (b)(5)

16 (b)(5)

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1 JENNIFER EWELL: Yes, let me ask you this
2 one, it's going to sound sarcastic but it's not meant
3 to be. And that is, what would you guys be meeting about
4 from 5:00 in the morning until 4:00 at night?

5 VINCE HOLAHAN: I'm participating and
6 listening to that 11:00 a.m. Industry Consortium phone
7 call where the RST is discussing the status of various
8 products, whether it be the spent fuel status product,
9 you know, because EPRI is involved and INPO is involved
10 and GE Hitachi. We're trying to listen in to all of
11 the Consortia calls to see where we can support. And
12 it also helps us with situational awareness.

13 JENNIFER EWELL: Okay. So the meetings
14 aren't directly supporting or in response to the Navy?

15 VINCE HOLAHAN: Oh no, PACOM wants us
16 listening to this.

17 JENNIFER EWELL: Yes. No, no, but I mean
18 I was just wondering what the powers that be up there
19 would be talking about in particular from 5:00 to 4:00.

20 But you're saying you're involved in other meetings
21 associated with NRC's response in Japan at the time?

22 VINCE HOLAHAN: Yes, yes. We're
23 monitoring, yes and just listening.

24 JENNIFER EWELL: I got you, thanks.

25 VINCE HOLAHAN: Yes, and if I had my way

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1 we'd change that time on that meeting.

2 JENNIFER EWELL: What do you mean?

3 VINCE HOLAHAN: Well if you could make it
4 12:00 or 1 o'clock your time that would be a little bit
5 better here.

6 JENNIFER EWELL: Oh. I got your point.
7 I thought you said title, not time.

8 VINCE HOLAHAN: Oh, sorry about that.

9 ROY ZIMMERMAN: All right, we're going to
10 let you go. Thanks for calling in.

11 VINCE HOLAHAN: Hey, have a good evening.
12 And I guess this is what, Day 2 for you, Roy?

13 ROY ZIMMERMAN: Yes.

14 VINCE HOLAHAN: Yes, I understand we were
15 listening to the APM call, which was 2 o'clock here where
16 you were doing the equipment issues.

17 ROY ZIMMERMAN: Yes, same time, same Bat
18 Channel tomorrow.

19 VINCE HOLAHAN: Do we have any idea what
20 INPO's plans are?

21 ROY ZIMMERMAN: With regard to?

22 VINCE HOLAHAN: It sounded like they wanted
23 to start pulling out of some activities?

24 ROY ZIMMERMAN: No, I think they're still
25 eager to see some of these issues come to fruition.

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(b)(5)

VINCE HOLAHAN: Okay. Well, what we heard this morning on the RST call, let's see this was the 11:00 a.m. call, is INPO said that they would continue participating in that forum until the weekend and then pulling out on Monday.

ROY ZIMMERMAN: Oh, I didn't hear that.

VINCE HOLAHAN: They are going to discontinue their 24/7 Emergency Operations Center. The folks that are participating with TEPCO, they're going to shift their hours to coincide with Japan Standard Time. But then they want to have an industry-to-industry interactions.

(b)(5)

(b)(5)

ROY ZIMMERMAN: Yes, I'm not sure what that means.

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1 VINCE HOLAHAN: I have no idea either.

2 ROY ZIMMERMAN: Okay. But anyway I think
3 they're going to continue with the Consortium and try
4 to deliver on these issues, utility-to-utility and then
5 through the government of Japan when that's necessary.

6 Okay. Keep us apprised and we're thinking
7 about you. Stay well, stay safe.

8 VINCE HOLAHAN: Hey, we'll do that. I
9 mean, being on an Army camp and then going into a Navy
10 base, I don't know where I could be safer.

11 ROY ZIMMERMAN: Yes, sounds good.

12 VINCE HOLAHAN: All right, have a good
13 evening.

14 ROY ZIMMERMAN: You too.

15 VINCE HOLAHAN: Okay, bye-bye.

16 (CONFERENCE CALL ENDED)

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(CONFERENCE CALL INITIATED)

0(35WXJL13765094

MALE PARTICIPANT: Coming up on
(inaudible), Chuck Casto.

ROY ZIMMERMAN: Hey, Chuck.

CHUCK CASTO: Good evening, there.

ROY ZIMMERMAN: All right. We've got
Marty and Roy Zimmerman, Joe Giitter.

CHUCK CASTO: Hi, guys.

ROY ZIMMERMAN: I think the Chairman's
going to be put on momentarily.

MARTY VIRGILIO: Did you feel the
earthquake last night?

CHUCK CASTO: I certainly did. That was
a big shake. That was clearly the biggest one since
I've been here.

MARTY VIRGILIO: And you're what, maybe 200
miles away from the epicenter?

CHUCK CASTO: About 130, something like
that, 200 kilometers or something like that. I don't
know what it is. We're 130 now from the plant, I think
the epicenter was a little bit north of that. So it
probably was probably about 180 or something like that.
A good shake.

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1 MARTY VIRGILIO: Chuck, we'll, change the
2 subject a little bit. One of the reasons I'm here, and
3 I want to be on the line when we talk to the Chairman
4 tonight, is we're trying to make sure that we're all
5 aligned on staffing of your team and a complimentary
6 staffing here in Headquarters.

7 I met with the Chairman today and we had
8 some good discussions around that issue. But I need
9 to make sure that you and I and the Chairman are all
10 on the same page with regard to site staffing.

11 CHUCK CASTO: Not a problem.

12 MARTY VIRGILIO: The particular issue
13 that, you know, I don't want to, we'll wait for the
14 Chairman to come on and then we can talk about it.

15 ROY ZIMMERMAN: And I mentioned we are
16 seeing DOE stepping up on a regular basis, more and more
17 active role the specifics of mitigation and strategies
18 for recovery. So I got that, printed two documents,
19 and got a third document.

20 But these are the guys, they've been putting
21 them out periodically but I think they're putting them
22 out more now. And, you know, I'm seeing (inaudible),
23 either DOE's running with it and we're in more of a
24 supportive role?

25 MARTY VIRGILIO: Neither the Chairman or

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1 I have seen that yet. The Chairman's view --

2 HOO: Chairman Jaczko coming up to the EC
3 Conference.

4 ROY ZIMMERMAN: Thank you.

5 CHAIRMAN JACZKO: Hey, Chuck.

6 CHUCK CASTO: Good morning. Good evening,
7 how are you?

8 CHAIRMAN JACZKO: I'm great.

9 MALE PARTICIPANT: Chairman, Marty and Roy
10 and others, Joe Giitter are on the line with you.

11 CHAIRMAN JACZKO: Good, excellent.
12 Chuck, do you want to proceed? And there was an issue
13 that Marty and I wanted to go through with you about
14 staffing.

15 CHUCK CASTO: Yes, sir.

16 CHAIRMAN JACZKO: Do you want to start
17 first and just kind of give us a rundown of things?

18 CHUCK CASTO: With regard to the plant, as
19 you know, they nitrogen injected. We're just asking
20 questions. Feedwater inlet temperature went up
21 immediately when they started injecting nitrogen. Not
22 clear on what the cause of that was. But we're pursuing
23 that.

24 There's several products we owe them and
25 we're getting those to them.

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1 CHAIRMAN JACZKO: Good.

2 CHUCK CASTO: Other than that not a lot of
3 changes to the plant conditions. The shake last night
4 apparently did not cause any problems.

5 CHAIRMAN JACZKO: Good.

6 ROY ZIMMERMAN: Although, this is Roy, I
7 guess at some of the other units, Chuck, they have come
8 offline and lost onsite power?

9 CHUCK CASTO: I didn't know that.

10 ROY ZIMMERMAN: That's what the media is
11 reporting. No indications of damage but some loss of
12 offsite power situations. No radiation level type of
13 issues, but it looks like several plants might have been
14 affected by this quake.

15 CHAIRMAN JACZKO: And you mean plants at
16 that site or different sites?

17 ROY ZIMMERMAN: Different sites.

18 MALE PARTICIPANT: Onagawa for example.

19 CHAIRMAN JACZKO: Okay. Well I'm sure,
20 Chuck, you'll get the best information about that and
21 keep us posted obviously if there's anything new?

22 CHUCK CASTO: Certainly.

23 CHAIRMAN JACZKO: (b)(5)

24 (b)(5)

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1 with that, Chuck.

2 CHUCK CASTO: (b)(5)

3 (b)(5)

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6 CHAIRMAN JACZKO: Okay. (b)(5)

7 (b)(5)

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17 (b)(5)

18 (b)(5)

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22 CHUCK CASTO: (b)(5)

(b)(5)

23 (b)(5)

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(b)(5)

CHAIRMAN JACZKO: Okay. Marty, did you have any luck trying to track down our PMT involvement in, I think, it's my understanding that that work is going on. At least to try and figure on kind of what we do next and what triggers would be and things like that. Marty, did you get any feedback? Or, Roy, on that?

MARTY VIRGILIO: We're still trying to track it down. And there was some work being done by research. I'm still trying to unwind some emails I've gotten today. And have reached out to understand who is doing what.

CHAIRMAN JACZKO: Okay. But is it your sense at this point we're at least tied in with the rest of the federal family?

ROY ZIMMERMAN: (b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes.

ROY ZIMMERMAN: Okay. (b)(5)

(b)(5)

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(b)(5)

So if you understand

what I'm saying --

CHAIRMAN JACZKO: Yes.

ROY ZIMMERMAN: (b)(5)

(b)(5)

CHAIRMAN JACZKO: Okay. Well, and again,

(b)(5)

CHUCK CASTO: I understand that. And we

(b)(5)

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(b)(5)

CHAIRMAN JACZKO: Okay, good. So I'm comfortable with us going forward for sure with that.

And then I think we just need to slowly continue to bring folks along on the other pieces. And I think we can get there. We just need to do a little more work to get them to understand that at some point we want to be able to tell people they can come back to Japan, or whatever the case may be. But I --

MALE PARTICIPANT: (Inaudible.)

CHAIRMAN JACZKO: I have a sense that there's work going on in that regard. I think we're just not maybe tied into it in the right way.

CHUCK CASTO: Yes, I agree. (b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes, got it.

CHUCK CASTO: (b)(5)

(b)(5)

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(b)(5)

CHAIRMAN JACZKO: Okay. Well, Roy or Marty, do you know if there's another IPCC set up on this for tomorrow or anything?

ROY ZIMMERMAN: There's one that doesn't have a date yet that they're setting up for next week.

And there's a variety of things in play here. One of the things that they're interested in, I was on an IPC call yesterday, (b)(5)

(b)(5)

CHAIRMAN JACZKO: Right.

ROY ZIMMERMAN: (b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes, I got that. I guess the question, I mean, that interest has been there since I was in Japan. So the issue is why is not getting traction and what do we do to get some traction in the interagency on that?

ROY ZIMMERMAN: It's getting discussed in the meeting on the 11th. The Deputy's meeting.

CHAIRMAN JACZKO: Okay. Good.

ROY ZIMMERMAN: So that's the way it's

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1 getting the traction. What we're doing is working with
2 other agencies and the other stakeholders to get a final
3 product so that it can be put in front of the deputies
4 for that meeting on the 11th. That's when I see this
5 thing breaking free.

6 CHAIRMAN JACZKO: (b)(5)

7 (b)(5)

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14 (b)(5)

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24 CHUCK CASTO: I think so. That's a good
25 path. Two nights ago, I guess it was, during the call

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1 that the Embassy had. (b)(5)

2 (b)(5)

7 CHAIRMAN JACZKO: Yes.

8 CHUCK CASTO: (b)(5)

9 (b)(5)

12 CHAIRMAN JACZKO: (b)(5)

13 (b)(5)

14 CHUCK CASTO: (b)(5)

15 (b)(5)

19 CHAIRMAN JACZKO: Yes. And they gave that
20 same presentation in Vienna when I was there as well.
21 Not as clearly as what you had, but similar data.

22 CHUCK CASTO: Yes. And they make some
23 evaluations, our line versus their line.

24 ROY ZIMMERMAN: This is Roy. Now another
25 issue, Trish Milligan has joined us and then she was

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1 briefing me on it earlier. (b)(5)

2 (b)(5)

3 CHAIRMAN JACZKO: Yes.

4 ROY ZIMMERMAN: (b)(5)

5 (b)(5)

6 CHAIRMAN JACZKO: Yes, for now. (b)(5)

7 (b)(5)

8 (b)(5)

9 And I think, let's hold off on

10 the 11th, we need to get everybody on board with
11 everything here and I don't think we're there yet.

12 So let's make the 11th the focus for doing
13 that so we can get, you know, we can get the interagency
14 all working together to come up with criteria and then
15 we can evaluate that objectively. (b)(5)

16 (b)(5)

Does that

17 make sense?

18 ROY ZIMMERMAN: Yes, thank you.

19 CHUCK CASTO: And just to clarify, just to
20 put a finer point on what you said, Chairman, (b)(5)

21 (b)(5)

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1 (b)(5)
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3 CHAIRMAN JACZKO: So does that make sense,
4 Trish, is that okay with you?

5 TRISH MILLIGAN: Yes, that's fine for me.
6 That works.

7 CHAIRMAN JACZKO: Okay. So yes, I think
8 this meeting on the 11th. And let's make sure that I'm
9 prepared. And if you all can work on the agenda for
10 that to make sure that we have an item to kind of talk
11 about.

12 (b)(5)
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19 TRISH MILLIGAN: Chairman, Trish Milligan,

20 (b)(5)
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23 CHAIRMAN JACZKO: Oh, good.

24 TRISH MILLIGAN: (b)(5)

25 (b)(5)

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1 (b)(5)
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8 CHAIRMAN JACZKO: Oh, good. Excellent.

9 Well, good, so I think is then better progress. (b)(5)

10 (b)(5)
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15 (b)(5)
16

17 (b)(5)

(b)(5)

18 ROY ZIMMERMAN: Chairman, this is Roy --

19 Oh, go ahead, Chuck.

20 CHUCK CASTO: Oh, I was just going to say,

21 as you probably know, (b)(5)

22 (b)(5)
23
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25 CHAIRMAN JACZKO: Yes. And that's next

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1 Sunday as in two days or a week, my understanding was
2 --

3 CHUCK CASTO: One week, the 17th.

4 CHAIRMAN JACZKO: Good, so we should
5 hopefully have all this wrapped up before then. So it
6 looks like the 11th is the time we really want to focus
7 and get this decision made. I know the Ambassador he
8 asked me about this, and he and I talked about this.

9 So I'm fully on board with getting these
10 issues resolved. I think we just need to probably do
11 a little bit better change management or management with
12 the rest of the federal family to get everybody on board
13 with the same issue.

14 Marty, were you going to say something?

15 MARTY VIRGILIO: The document that Trish
16 is referring to is the one that I shared with you today.

17 CHAIRMAN JACZKO: Oh good. Okay, good.

18 MARTY VIRGILIO: So you've got that. And
19 I was going to say, for the benefit of the people that
20 weren't in the room with you and I today, what I think
21 we need to do is to blend the documents that the Reactor
22 Safety Team has been working on entitled Stable Plant
23 Conditions, that you and I have also talked about,
24 Chairman, with this document that EPA and our staff has
25 been working on.

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1 So you have in one document the plant issues
2 and protective measures issues.

3 CHAIRMAN JACZKO: Good, yes that makes
4 sense. I think that's a good idea.

5 MALE PARTICIPANT: Give an idea of what's
6 stable and how to (inaudible).

7 MARTY VIRGILIO: Right, how to define
8 stable. So we'll work that, Trish understands and we'll
9 work that from this end.

10 CHAIRMAN JACZKO: Okay. Good. Does that
11 work for you, Chuck?

12 CHUCK CASTO: Yes, sir.

13 CHAIRMAN JACZKO: Okay. Good. I think
14 the last issue, Marty and I just wanted to talk to you
15 a little bit about staffing levels and what you need
16 for staffing levels.

17 CHUCK CASTO: This is my feeling, we drew
18 down to about nine people. Yesterday and the day before
19 we were very strapped. We had no one to cover the office,
20 cover the conference room for hours. And I think,
21 unfortunately I'm not a person that likes to throw people
22 at a problem. But I think nine is probably -- And then
23 yesterday we were asked by the Japanese to include AREVA
24 in our discussion and also they'll eventually make
25 contact with the Russians. So I see that international

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1 piece as growing a little bit. Somebody will have to
2 coordinate with them.

3 And I think we might have to consider what
4 the implications are of AREVA joining the Consortium
5 from the Reactor Safety Team's perspective, you'll have
6 another player in that. So there's going to be more
7 interaction in that area. And with the INPO's team
8 standing up it actually has led to even more questions.
9 Even more questions and more dialogue.

10 So I think, I don't want to go back up to
11 15, but probably 11 is more like the number. And we
12 probably, and, Marty, I haven't talked with you about
13 this, but I think a project manager, a good project
14 manager particularly to work with the DART team or
15 whomever is doing the equipment. Right now Alan Blamey
16 is doing the equipment piece and he's trying to run the
17 Safety Team and it's just too much.

18 So we have to review, we've been obligated
19 to review the equipment that they asked for, to give
20 a sanity check to it and to help determine priorities
21 for the equipment and some coordination with it. So
22 that's a path, and I think a project manager might be
23 good for that kind of work. We don't really need, you
24 know, a (inaudible) person for that. A project manager,
25 something like that.

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1 CHAIRMAN JACZKO: Okay.

2 CHUCK CASTO: And then I'm sure you all
3 talked a three week rotation, I think I saw it in Marty's
4 email, that a two week rotation is just too short. We
5 technically get nine days out of people and they're gone.
6 By the time you travel and do turnover.

7 CHAIRMAN JACZKO: Marty, can you -- So a
8 project manager would add one person. Any other
9 specific specialty for the additional, the 11th person?

10 CHUCK CASTO: I think more either
11 Protective Measures or Reactor Safety either one. I
12 think we have one, I don't know what Marty found out
13 about the Protective Measures, whether we're bringing
14 two over or one.

15 MARTY VIRGILIO: Yes, Chuck, my view on
16 this is I would personally rather keep, be working
17 Protective Measures here as opposed to putting more
18 Protective Measures people on your team. I'm not
19 opposed to going to 11 to govern everything you do.

20 But I would rather reach back, so we can
21 continue to coordinate with our other federal partners
22 on the Protective Measures issues. That's so sensitive
23 that I would rather run that out of here. I'm not arguing
24 the 11, I'm just arguing that skill set. Do you really
25 need another Protective Measures person in Tokyo?

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1 CHUCK CASTO: Yes, that's fine. And we can
2 always use someone to work the technical issues, that's
3 always a challenge. And we do get a lot of tasking out
4 of the Embassy for Protective Measures, to coordinate
5 the help, we do that. But we'll try it with one person
6 and see how that works.

7 MARTY VIRGILIO: Right, because I'm really
8 trying to, if I can, tamp down some of the efforts that
9 are being generated by, you know, by your folks over
10 there. Because some of that is not being well
11 coordinated I'm afraid, with the stakeholders here.

12 (b)(5)

13 CHUCK CASTO: That's fine.

14 MARTY VIRGILIO: So if you have to reach
15 back here to get that support then I'm guaranteed, in
16 my view, I'm guaranteed tighter coordination.

17 CHUCK CASTO: That's understandable,
18 that's fine.

19 CHAIRMAN JACZKO: So have we got a
20 compromise here then, Chuck? We'll get you two more
21 people for sure. And we'll put people on three week
22 rotations. And we'll see, we'll try for a little bit
23 longer if we can try and focus the PMT stuff more here.

24 If that doesn't work then I can appreciate,
25 you know, I appreciate what you're saying, Marty, I think

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1 the one thing I'll say is that having been out there,
2 even just having someone to answer questions fo the
3 stakeholders there can sometimes just reduce, it can
4 cut off things even needing to be done, because we just
5 give them information that is just kind of in people's
6 heads and then they don't need to pursue things farther.

7 So I think let's continue it this way and
8 see, Chuck, if it does feel like you need somebody out
9 there just to kind of be in people's ear we can reevaluate
10 the PMT piece.

11 CHUCK CASTO: And the other issue is maybe
12 not doing PMT, it's just we do a lot of town hall meetings
13 for the Embassy. And they're reaching out now, they're
14 doing a broader audience. There's clubs in Tokyo,
15 American clubs in Tokyo and they're reaching out doing
16 briefings today. The Embassy's reaching out, they had
17 350 people yesterday at a Tokyo American's club meeting.

18 And we get a lot of taskings to just discuss radiation
19 and kind of give a general picture of what's going on
20 and they're trying to --

21 MARTY VIRGILIO: Chuck, then I would
22 suggest that you might need somebody with Health Physics
23 and Health Effects skill set.

24 CHUCK CASTO: Yes, that's what, maybe I
25 didn't put that in the email, but yes that would be

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1 helpful too, to help give briefings.

2 MARTY VIRGILIO: Yes, that makes good sense
3 to me. I mean I think that makes, yes, so add one PM
4 and add one person that's got good communication skills
5 and understands health physics and health effects.

6 CHUCK CASTO: That would be helpful.
7 Because I think they really only have Dr. Coleman and
8 I believe he's leaving, to be able to explain that.
9 And I think he's a volunteer or something out of USAID
10 and he's done a lot of work but I don't think he'll be
11 here forever. And we get a lot of questions, we get
12 a lot of taskings like that from the Embassy staff.
13 So that would be great.

14 MARTY VIRGILIO: We could do that.

15 CHUCK CASTO: If you could add a PM that
16 has maybe BWR, you know, some kind of strong nuclear
17 background and is a project manager that would be
18 helpful.

19 MARTY VIRGILIO: Got it.

20 CHAIRMAN JACZKO: Anything else that you
21 need, Chuck?

22 CHUCK CASTO: No, I think, for whatever
23 reason I guess. We're going to have to probably look
24 at some different space. I'm going to have to talk to
25 the Embassy. It looks like we're going to have to settle

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1 in for a longer run than we anticipated. We tried to
2 draw down and tried to get, you know, maybe some other
3 agency to weave in here but that doesn't look like it's
4 happening.

5 CHAIRMAN JACZKO: Yes.

6 CHUCK CASTO: So we may have to, I talked
7 to Matt Fuller (phonetic) last night at dinner about
8 we may have to take them up on their offer to do something
9 different with our arrangement out here. We stayed in
10 that conference room just because we thought we were
11 going to draw down and collapse the bubble, but that
12 doesn't appear to be happening.

13 CHAIRMAN JACZKO: Okay. Well keep us
14 posted on that.

15 CHUCK CASTO: Certainly.

16 CHAIRMAN JACZKO: So we'll keep working on
17 the interagency to kind of bring everybody along on the
18 possible need for additional modeling. (b)(5)

19 (b)(5)
20
21
22

23 And so if you get any push back on that,
24 Marty or Roy, just let me know and I'll engage. Just
25 bring me into the conversation and I'll walk through

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1 that.

2 ROY ZIMMERMAN: Okay. Great. Thanks,
3 Chairman.

4 CHAIRMAN JACZKO: Sure.

(b)(5)

5 (b)(5)
6
7

8 CHUCK CASTO: Certainly. Not a problem.

9 CHAIRMAN JACZKO: All right. And then
10 you've got worked out with Marty the staffing and we'll
11 get that taken care of.

12 CHUCK CASTO: Yes, sir.

13 CHAIRMAN JACZKO: Okay. Thanks, Chuck,
14 appreciate it.

15 CHUCK CASTO: Thank you, Chairman.

16 CHAIRMAN JACZKO: Thanks, Marty. Thanks,
17 Ray.

18 ROY ZIMMERMAN: All right, thank you,
19 Chairman. Have a good night.

20 MARTY VIRGILIO: Thank you.

21 CHUCK CASTO: Marty, do need me to hold on
22 for something? Is there something we need to talk
23 about?

24 MARTY VIRGILIO: Not immediately, unless
25 you have something. You and I can catch up later if

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1 you want to, or if you've got something I'm ready right
2 now.

3 CHUCK CASTO: No. No, I pretty much went
4 through my list. So I'm good. I'll talk to you soon.

5 ROY ZIMMERMAN: Chuck, this is Roy.

6 CHUCK CASTO: Yes?

7 ROY ZIMMERMAN: (b)(5)

8 (b)(5)

13 CHUCK CASTO: They're training on it.

14 JOE GIITTER: They're training on it?

15 ROY ZIMMERMAN: Yes. So do you --

16 CHUCK CASTO: They're training on it.

17 ROY ZIMMERMAN: Okay. So you think that
18 they're leaning to do that somewhere in the next few
19 days?

20 CHUCK CASTO: I think so. They're
21 training on it. They said they had 30 SDF troops that
22 were training with it.

23 ROY ZIMMERMAN: Okay. (b)(5)

24 (b)(5)

25
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(b)(5)

So at least that way they can consider the
U.S. views.

CHUCK CASTO: Well that's why we plugged
you guys in last night. We had all those same concerns
when we heard about it. And there's going to be a call
this morning that will convey those concerns. And I'm
not real certain of the motivation, because when this
came up I wasn't in the room.

(b)(5)

ROY ZIMMERMAN:

(b)(5)

CHUCK CASTO: --

(b)(5)

(b)(5)

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1 BRIAN HOLIAN: Hey, Chuck, it's Brian
2 Holian. I just joined late. I was talking to Al Blamey
3 there and he did point us to that data on a document,
4 70 page document, that indicated some, I guess,

5 (b)(5)

6
7
8 (b)(5)

9
10
11 CHUCK CASTO:

(b)(5)

12 (b)(5)

13
14
15 BRIAN HOLIAN: Okay. We did just get that
16 document from Al Blamey so we'll take a look at that.

17 CHUCK CASTO: Okay, just let us know as
18 quick as you can anything, other concerns you have after
19 looking at that so that we can inform in the telephone
20 call this morning.

21 BRIAN HOLIAN: Do we need to have a --

22 ROY ZIMMERMAN: Well there is already a
23 telephone call, do we need to set up a separate
24 connection with DOE, NRC and appropriate folks in Japan
25 to go over (b)(5)

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BRIAN HOLIAN: Well I think the concerns

(b)(5) Al Blamey's looking over it now. So, Chuck, you've got that. Our paper, he may tell you, didn't get all your questions from last night. There might have been some turnover issues with kind of the chemical effects. So it just addresses (b)(5) it might not get to everything you asked last night. So we're trying to catch up on that.

But, as Roy mentioned right when I was coming DOE had looked at this before. (b)(5)

(b)(5)

(b)(5)

That's all we have now. But as Roy mentioned if there's time that we can set something up we'll try to do that.

CHUCK CASTO: I understand. Thanks for that help. Yes, I think we have to, you know, I guess you have to weigh the benefits from the down side on this and then, but I think it's going to win (b)(5)

(b)(5)

(b)(5)

(b)(5)

If that makes any sense, what I just said. I mean, you've got to look at their motivation of why they want

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1 to do it and does that justify doing it. Is it bad
2 enough?

3 BRIAN HOLIAN: Yes, this is Brian Holian,
4 Chuck. And we weren't sure that we understood their
5 motive from the questions, (b)(5)

6 (b)(5)

7
8
9 (b)(5)

Maybe they're just supposing that.

10 CHUCK CASTO: Yes, I think that's an
11 inference, (b)(5)

12 (b)(5)

13
14
15
16
17
18 (b)(5)

I don't

19 know if that justifies it.

20 (b)(5)

21 (b)(5)

22
23 ROY ZIMMERMAN: Yes, if there was an
24 opportunity to communicate the thoughts associated with

25 (b)(5)

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1 back here, is (b)(5)

2 (b)(5)

4 CHUCK CASTO: I think the (b)(5)

5 (b)(5)

13 ROY ZIMMERMAN: Okay, well I guess the
14 bottom line it's obviously their call. But if they are
15 interested in having some dialogue to hear what some
16 of the concerns are back here between NRC and DOE that
17 that offer is there.

18 BRIAN HOLIAN: And we'll also try to get
19 INPO's view also. We've been talking to them and we
20 haven't heard that yet. We did CPOE's view, but that
21 was kind of from an earlier decision or discussion and
22 it might not be informed by these latest rad samples.

23 CHUCK CASTO: Well I appreciate that and
24 Alan will brief me here in just a few minutes and we'll
25 move forward and do the best we can as far conveying

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1 that there are concerns and we can articulate those
2 better in detail with a call or a meeting. But we would
3 suggest that they pause and make sure they understand
4 the ramifications of doing it, if they just choose to
5 go that way.

6 ROY ZIMMERMAN: Anything else we can do for
7 you?

8 CHUCK CASTO: No, good shape. Appreciate
9 all the help.

10 ROY ZIMMERMAN: Any new food that you want
11 to tell us about that you're adding to your favorite
12 collection?

13 CHUCK CASTO: You say food?

14 ROY ZIMMERMAN: Yes, any new favorite foods
15 that you want to share with us?

16 CHUCK CASTO: Well last night we had
17 Mexican so pretty typical.

18 ROY ZIMMERMAN: That was our guess, we
19 guessed that you had Mexican last night. We figured
20 you were in Tokyo you were probably having Mexican.

21 CHUCK CASTO: That's right. Why not have
22 Mexican in Tokyo? All right. Thanks folks, appreciat
23 it. Talk to you soon.

24 ROY ZIMMERMAN: All right, have a good day.

25 CHUCK CASTO: Yes, sir. Bye.

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1 (Off the record comments.)

2 BRIAN HOLIAN: I didn't know you were on
3 that call. We were on with Al Blamey out there at the
4 site team and that's was why I was coming to just tell
5 you the new data about a two hour half-life out of Unit
6 4 turbine building. Well, I'm going to show it to you.
7 I printed it out. It came from the NISA website.

8 ROY ZIMMERMAN: This is the high, it's a
9 high source term, but it's short lived, so --

10 BRIAN HOLIAN: It's a two hour, they have
11 a water sample from the Unit 4 turbine building. So
12 Al Blamey said, Brian, turn to Page 60 in there and Iodine
13 130 with a two hour half-life.

14 ROY ZIMMERMAN: Coming from where?

15 BRIAN HOLIAN: Unit 4 turbine building is
16 all we know, it's the water in there.

17 ROY ZIMMERMAN: So you don't know if it's
18 coming from the core?

19 BRIAN HOLIAN: No, no. The core is all
20 flooded.

21 ROY ZIMMERMAN: Yes, the core is all
22 flooded.

23 BRIAN HOLIAN: And the other piece, so
24 we're out there just kibitzing on that and somebody
25 quickly looked open and said reminder, Unit 4 spent fuel

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1 pool is non-borated racks. So, you know, it's the most
2 data we had on the difference between some of the other
3 units.

4 ROY ZIMMERMAN: (b)(5)

5 (b)(5)

6 BRIAN HOLIAN: (b)(5)

7 (b)(5)

8
9 (TAPE ENDED ABRUPTLY)

10
11 (CONFERENCE CALL INITIATED)

12 0(310\$0L13765094

13 MALE PARTICIPANT: Elliot (phonetic)?

14 ELLIOT: Hey, how are you? I got a quick
15 question here. I just got an email from the press shop
16 at the Embassy in Tokyo asking me to chop on a little
17 piece of flowery language, which includes reference to
18 there having been approximately 30 NRC experts in Tokyo.

19 And that number doesn't, you know, over the
20 period. And I'm sure we've changed a lot of people out
21 but can we truthfully say that we have had over 30 people
22 in Tokyo?

23 ROY ZIMMERMAN: I think the number is
24 close. What we can do, how much time do you have? You
25 want us to try to run?

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1 ELLIOT: No, they're probably keeping
2 track of who's coming, but the number was new to me.

3 ROY ZIMMERMAN: Yes, well I remember you
4 asked us the other day on one of the calls and I think
5 they said they had upwards of 16 or 24 at the time.
6 They had people come in, others left for turnovers.

7 ELLIOT: All right, well if it ain't 30 it
8 should be, right?

9 ROY ZIMMERMAN: Well it's in the ballpark,
10 I think, approximately.

11 ELLIOT: That's close enough for me.

12 ROY ZIMMERMAN: Yes, and again, you've got
13 people flying out today, so it's a running number.

14 ELLIOT: All right, that's good.

15 ROY ZIMMERMAN: We don't want to leave the
16 impression we've had 30 at one time out there.

17 ELLIOT: No, I will make that point in my
18 response back to them. But I guess in aggregate we've
19 had that many.

20 ROY ZIMMERMAN: Yes, I think it's ballpark.

21 ELLIOT: Is Bill Ruland over there?

22 ROY ZIMMERMAN: He is not. Brian Holahan
23 is RC.

24 ELLIOT: Okay, I will call back. Would you
25 ask Brian to call me on a separate line? The audio on

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1 this line sucks.

2 ROY ZIMMERMAN: Okay. I'll Brian Holahan
3 give you a call.

4 ELLIOT: Thanks very much, I'm 8201.

5 ROY ZIMMERMAN: Hey, Elliot?

6 ELLIOT: Yes?

7 ROY ZIMMERMAN: The number is 29.

8 ELLIOT: Twenty nine, okay that works.

9 MALE PARTICIPANT: I got 32. That's not
10 including --

11 ROY ZIMMERMAN: Go with about 30.

12 ELLIOT: About 30, I was going to say,
13 that's three extra fingers.

14 ROY ZIMMERMAN: There you go.

15 ELLIOT: Thanks a lot.

16 ROY ZIMMERMAN: Stay well.

17 ELLIOT: Okay, bye.

18 (CONFERENCE CALL ENDED)

19

20

21

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4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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6 FRIDAY

7 APRIL 8, 2011

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(CONFERENCE CALL INITIATED)

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MALE PARTICIPANT: Guidance on return.

MALE PARTICIPANT: Yes.

MALE PARTICIPANT: And the white paper
paper on it.

MALE PARTICIPANT: (Inaudible)

MALE PARTICIPANT: Hey, Chuck.

MALE PARTICIPANT: (inaudible).

MALE PARTICIPANT: We have Marty, and Roy
Zimmerman, Joe Gitter. I think the Chairman's going
to be put on momentarily. Did you feel the earthquake
last night?

CHUCK CASTO: I certainly did. That was
a big shake. That was the biggest one since I've been
here.

MALE PARTICIPANT: And you're what, maybe
200 miles away from the epicenter.

CHUCK CASTO: (inaudible) something like
that. (inaudible) or something like that. I don't know
what it is. (Inaudible), I think the epicenter was a
little bit north of that. So it probably was probably
like 180, something like that.

MARTY VIRGILIO: Chuck, well what -- to

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1 change the subject a little bit. One of the reasons
2 I'm here, and I want to be on the line when we talk to
3 the Chairman tonight is that we're trying to make sure
4 that we're trying to make sure that we're all aligned
5 on staffing of your team and a complimentary staffing
6 here in headquarters.

7 I met with the Chairman today. And we had
8 some good discussions around that issue. But I need
9 to make sure that you and I and the Chairman are all
10 on the same page with regard to site staffing.

11 CHUCK CASTO: No problem.

12 MARTY VIRGILIO: The particular issue
13 that, you know, from -- Well I don't want -- It looks
14 like we'll wait for the Chairman to come on. And then
15 we can talk about it.

16 MALE PARTICIPANT: I mentioned (inaudible)
17 rated editions (inaudible) active role on (inaudible)
18 for recovery. (Inaudible) you got to think about. But
19 these are the guys (inaudible).

20 MARTY VIRGILIO: We've been printing a
21 military article. But I think (inaudible) more now.
22 And (inaudible) the DOE's running with it.
23 (Inaudible). Neither the Chairman or I (inaudible) that
24 yet. I think that the Chairman would be --

25 MALE PARTICIPANT: Chairman Jacsko coming

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1 up to the ET conference.

2 MARTY VIRGILIO: Thank you. Hey Chairman.

3 CHAIRMAN JACZKO: Good morning, good
4 evening. How are you?

5 CHUCK CASTO: I'm great.

6 CHAIRMAN JACZKO: Good.

7 MALE PARTICIPANT: Chairman, Marty and Roy
8 and others, Joe Giitter, are on the line with you.

9 CHAIRMAN JACZKO: Oh, good. Excellent.
10 Chuck, do you want to proceed? And there was an issue
11 that Marty and I wanted to go through with you about
12 staffing. Do you want to start first and just kind of
13 give us a run down of things?

14 CHUCK CASTO: I was at the plant. I do know
15 they nitrogen injected. We're just asking questions.
16 The P water and the temperature went up immediately
17 when they started injecting nitrogen. It's not clear
18 what the cause of that was. And we're pursuing that.

19 CHAIRMAN JACZKO: Okay.

20 CHUCK CASTO: (Inaudible) them and we're
21 getting those to them.

22 CHAIRMAN JACZKO: Good.

23 CHUCK CASTO: Other than that, not a lot
24 of change. It's quiet.

25 CHAIRMAN JACZKO: Okay.

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1 CHUCK CASTO: The quake last night
2 apparently did not cause any problems.

3 CHAIRMAN JACZKO: Good.

4 ROY ZIMMERMAN: Although -- This is Roy.
5 I guess some of the other units, Chuck, they have come
6 off line? And some loss of off site power. That's what
7 the media's reporting.

8 No indications of damage, but some loss of
9 off site power. Situations -- No radiation level like
10 issues. But it looks like several plants might have
11 been affected by the quake.

12 CHAIRMAN JACZKO: And were these plants at
13 that site? At that site or different sites?

14 ROY ZIMMERMAN: No. It was different
15 sites.

16 CHAIRMAN JACZKO: Okay.

17 MALE PARTICIPANT: Onagawa for example.

18 CHAIRMAN JACZKO: Okay. Well I'm sure,
19 Chuck, you'll get that information about that. And will
20 post it obviously if there's anything new.

21 CHUCK CASTO: Certainly.

22 CHAIRMAN JACZKO: The issue --

(b)(5)

23 (b)(5)

24 (b)(5)

(b)(5)

25 with that, Chuck.

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CHUCK CASTO: (b)(5)

(b)(5)

CHAIRMAN JACZKO: Okay.

CHUCK CASTO: And if the reactors

(Inaudible).

CHAIRMAN JACZKO: Okay.

(b)(5)

(b)(5)

(b)(5)

CHUCK CASTO:

(b)(5)

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(b)(5)

CHAIRMAN JACZKO: Okay.

CHUCK CASTO: And how hazardous it might be.

CHAIRMAN JACZKO: Okay. Okay. Marty, did you have any luck trying to track down our PMT involvement in -- I think, my understanding is that that work is going on. At least to try and figure on kind of what we do next. And what triggers would be and things like that. Marty, did you get any feed back or any (inaudible) on that?

MARTY VIRGILIO: No. We're still trying to track it down. And there was some work being done by research. I'm still trying to unwind some emails I've gotten today. And I've reached out to understand who is doing what.

CHAIRMAN JACZKO: Okay. But is it your sense at this point we're at least tied in with the rest of the federal family?

MARTY VIRGILIO:

(b)(5)

(b)(5)

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes.

MARTY VIRGILIO: Okay.

(b)(5)

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(b)(5)

CHAIRMAN JACZKO: Okay.

MARTY VIRGILIO:

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes.

MARTY VIRGILIO: So if you understand what

I'm saying --

CHAIRMAN JACZKO: Yes.

MARTY VIRGILIO:

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Okay, okay. Well and

again,

(b)(5)

(b)(5)

CHUCK CASTO: I understand that. And we

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(b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes,

CHUCK CASTO:

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Okay, good. Good. So

I'm comfortable with us going forward for sure with that.

And then I think we just need to slowly, we need to slowly continue to bring folks along on the other pieces.

And I think we can get there.

We just need to do a little bit more work to get them to understand that at some point we want to be able to tell people they can come back to Japan, or whatever the case may be. But I have a sense -- Oh, I'm sorry.

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1 CHUCK CASTO: (Inaudible).

2 CHAIRMAN JACZKO: I have a sense that
3 there's work going on in that regard. I think we're
4 just not maybe tied into it in the right way.

5 CHUCK CASTO:

(b)(5)

6 (b)(5)

7 (b)(5)

8
9 CHAIRMAN JACZKO: Yes. Got it.

10 CHUCK CASTO: As you might imagine. And

11 (b)(5)

(b)(5)

12 (b)(5)

13
14
15
16
17
18
19 CHAIRMAN JACZKO: Yes.

20 CHUCK CASTO:

(b)(5)

21 (b)(5)

22 CHAIRMAN JACZKO: Okay. Okay.

23 MARTY VIRGILIO: Hey, Roy, Marty. Do you
24 know, is there another IPCC set up on this for tomorrow
25 or anything?

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1 ROY ZIMMERMAN: There's one that doesn't
2 have a date yet that they're setting up for next week.

3 And there's a variety of things in play here. One of
4 the things that they're interested in -- I was on a
5 call, an IPCC call yesterday. (b)(5)

6 (b)(5)

7 CHAIRMAN JACZKO: Yes.

8 ROY ZIMMERMAN: (b)(5)

9 (b)(5)

10 CHAIRMAN JACZKO: Right.

11 ROY ZIMMERMAN: (b)(5)

12 (b)(5)

13 CHAIRMAN JACZKO: We want that. I guess
14 the question is, (inaudible) been there since I was in
15 Japan. The issue is why is that not getting traction?
16 And what do we do to get some traction in the interagency
17 on that?

18 ROY ZIMMERMAN: You need to discuss at the
19 meeting on the eleventh.

20 CHAIRMAN JACZKO: Okay.

21 ROY ZIMMERMAN: The deputy's meeting.

22 CHAIRMAN JACZKO: Okay. Good.

23 ROY ZIMMERMAN: That's the way it's getting
24 the traction. What we're doing is working with other
25 agencies and the other stakeholders to get a final

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1 product, so that it can be put in front of the Deputy
2 for that meeting on the eleventh. CHAIRMAN

3 JACZKO: Okay.

4 ROY ZIMMERMAN: That's when I see this
5 thing breaking free.

6 CHAIRMAN JACZKO:

(b)(5)

7 (b)(5)

8 (b)(5)

9 (b)(5)

10 (b)(5)

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(b)(5)

CHUCK CASTO: I think that's a good path.

Two nights ago, I guess it was, doing the call with
the embassy head, with the --

(b)(5)

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Okay.

CHUCK CASTO:

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes.

CHUCK CASTO:

(b)(5)

(b)(5)

(b)(5)

(b)(5)

CHAIRMAN JACZKO:

(b)(5)

CHUCK CASTO:

(b)(5)

CHAIRMAN JACZKO: Yes.

CHUCK CASTO:

(b)(5)

(b)(5)

CHAIRMAN JACZKO: And they gave that same

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1 presentation in Vienna when I was there as well.

2 CHUCK CASTO: Okay.

3 CHAIRMAN JACZKO: Not as clearly as what
4 you had. But similar data.

5 CHUCK CASTO: And they made some evaluation
6 in regard to our line versus their line.

7 CHAIRMAN JACZKO: Okay.

8 ROY ZIMMERMAN: This is Roy. Another
9 issue, Trish Milligen has joined us. And she was
10 briefing me out earlier. (b)(5)

(b)(5)

11
12 CHAIRMAN JACZKO: Yes,

13 ROY ZIMMERMAN: (b)(5)

(b)(5)

14
15 CHAIRMAN JACZKO: And for now -- (b)(5)

(b)(5)

16
17
18
19 And I think, let's hold off until the
20 eleventh to get some -- We need to get everybody on
21 board with everything here. And I don't think we're
22 there yet.

23 So let's make the 11th the focus for doing
24 that, so we can get, you know, we can get the interagency
25 all working together to come up with criteria. And then

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1 we can evaluate that objectively. (b)(5)

2 (b)(5)

3
4 ROY ZIMMERMAN: Yes, thank you.

5 MALE PARTICIPANT: And just a clearance,
6 just a sort of minor point on what you said, Chairman.

7 (b)(5)

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14
15 CHAIRMAN JACZKO: Okay.

16 MALE PARTICIPANT:

17 (b)(5)

18 CHAIRMAN JACZKO: Okay. Does that make
19 sense, Trish? Is that okay with you?

20 PATRICIA MILLIGAN: Yes, that's fine with
21 me. That works.

22 CHAIRMAN JACZKO: Okay. Yes, I think this
23 meeting on the eleventh -- And let's really, let's get
24 this, make sure that I'm prepared. And if you all can
25 work on the agenda for that to make sure that we have

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1 an item to kind of talk about.

2 (b)(5)

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PATRICIA MILLIGAN: Chairman? Trish

11 Milligan.

(b)(5)

12 (b)(5)

13

14

CHAIRMAN JACZKO: Oh, good.

15

PATRICIA MILLIGAN:

(b)(5)

16

(b)(5)

17

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19

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21

CHAIRMAN JACZKO: Oh, good.

22

PATRICIA MILLIGAN:

(b)(5)

23

(b)(5)

24

25

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CHAIRMAN JACZKO: Oh, good. Excellent.

Good. So then I think this is in better progress then.

(b)(5)

(b)(5)

MARTY VIRGILIO: Chairman, this is Marty

again. Go ahead, Chuck.

CHUCK CASTO: I think they're saying, as

you probably know, (b)(5)

(b)(5)

CHAIRMAN JACZKO: Good.

CHUCK CASTO: (b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes. And that's next

Sunday as in two days, or a week? My understanding was

--

CHUCK CASTO: A week, one week, the

seventeenth.

CHAIRMAN JACZKO: Good. So we should

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1 hopefully have all of this wrapped up before then. So
2 it looks like the eleventh is the time we really want
3 to focus and get this decision made. I know the
4 Ambassador, he asked me about this. And he and I talked
5 about this. So I'm fully on board with getting these
6 issues resolved.

7 I think we just need to probably do a little
8 bit better. Kind of change management, or management
9 with the rest of the federal family to get everybody
10 on board with the same issue. Marty, were you going
11 to say something?

12 MARTY VIRGILIO: The document that Trish
13 is referring to is the one that I shared with you today.

14 CHAIRMAN JACZKO: Oh, good. Okay, good.

15 MARTY VIRGILIO: So you got that. And I
16 was going to say, for the benefit of the people that
17 weren't in the room with you and I today. What I think
18 we need to do is blend the documents that pertain to
19 the reactor, and safety teams they're working on,
20 entitled Stable Plant Conditions, that you and I have
21 also talked about, Chairman, that with this document
22 that EPA and our staff has been working on.

23 CHAIRMAN JACZKO: Good.

24 MARTY VIRGILIO: We have in one document
25 the plant issues and protective measures issues.

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1 CHAIRMAN JACZKO: Good. Yes. That makes
2 sense. I think that's a good idea.

3 MALE PARTICIPANT: (Inaudible)

4 MARTY VIRGILIO: Right.

5 MALE PARTICIPANT: And have (inaudible).

6 MARTY VIRGILIO: (Inaudible) table.

7 MALE PARTICIPANT: Yes.

8 MARTY VIRGILIO: Well work that. Trish
9 understands, and we'll work that for this end.

10 CHAIRMAN JACZKO: Okay, good. Good.
11 Does that work for you, Chuck?

12 CHUCK CASTO: It does.

13 CHAIRMAN JACZKO: Okay, good. I think the
14 last issue Marty and I just wanted to talk to you a little
15 bit about, staffing levels and what you need for staffing
16 levels.

17 CHUCK CASTO: We drew down -- This is my
18 feeling. We drew down about nine people. Yesterday
19 and the day before we were very strapped. But we had,
20 no one was covering the office, covering the conference
21 room for hours. I think unfortunately, I'm not a person
22 that likes to go to people with a problem. But I think
23 nine is probably --

24 And yesterday we were asked by the Japanese
25 to include a (indiscernible, possibly "Aruba") in our

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1 discussions. And also to eventually make contact with
2 the Russians. So I think that international piece is
3 growing a little bit.

4 MALE PARTICIPANT: Go back about five
5 minutes.

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(CONFERENCE CALL INITIATED)

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CHAIRMAN JACZKO: Not as clearly as what you had. But similar data.

CHUCK CASTO: And they made some evaluation in regard to our line versus their line.

CHAIRMAN JACZKO: Okay.

ROY ZIMMERMAN: This is Roy. Another issue, Trish Milligen has joined us. And she was briefing me out earlier. Is this look that we're doing in shrinking the 50 mile evacuation zone --

CHAIRMAN JACZKO: Yes,

ROY ZIMMERMAN: -- down to 25 miles. That's also a work in progress right now.

CHAIRMAN JACZKO: And for now -- But let's -- I'm going to turn that off too, for right now. Again, I think it's a relatively small U.S. population in that area, if any quite frankly.

And I think, let's hold off until the eleventh to get some -- We need to get everybody on board with everything here. And I don't think we're there yet.

So let's make the 11th the focus for doing that, so we can get, you know, we can get the interagency all working together to come up with criteria. And then

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1 we can evaluate that objectively. And then get to a
2 decision about changing the 50 miles or not. Does that
3 make sense?

4 ROY ZIMMERMAN: Yes, thank you.

5 MALE PARTICIPANT: And just a clearance,
6 just a sort of minor point on what you said, Chairman.
7 Most people that are going up there are traveling
8 through the area to get --

9 Most Americans that are going through there
10 are traveling through the area to get (inaudible).
11 They've only had -- The ushering of this came up in
12 the comp order. I mean, the briefing yesterday, last
13 evening. And they've only had a couple of people ask
14 for (inaudible) who said that they would be in the zone.

15 CHAIRMAN JACZKO: Okay.

16 MALE PARTICIPANT: Very, very small
17 numbers.

18 CHAIRMAN JACZKO: Okay. Does that make
19 sense, Trish? Is that okay with you?

20 PATRICIA MILLIGAN: Yes, that's fine with
21 me. That works.

22 CHAIRMAN JACZKO: Okay. Yes, I think this
23 meeting on the eleventh -- And let's really, let's get
24 this, make sure that I'm prepared. And if you all can
25 work on the agenda for that to make sure that we have

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1 an item to kind of talk about.

2 Specifically issues of reentry, ultimate,
3 you know, goals for, you know, criteria for eventual,
4 you know, relaxation of the 50 miles and all of that.

5 That we start thinking about that now.

6 And then make a fine point that that will
7 likely include some additional dose modeling as we get,
8 you know, to get some understanding of when we might
9 be near those criteria.

10 PATRICIA MILLIGAN: Chairman? Trish
11 Milligan. We've been working with the EPA. They were
12 tasked by Julie Bend (phonetic) to look at developing
13 what they're calling long term reentry guidance.

14 CHAIRMAN JACZKO: Oh, good.

15 PATRICIA MILLIGAN: Which would be
16 basically looking at, you know, shrinking the evacuation
17 zone as we go forward. And we've worked with PMT and
18 also with EPA up to some very high level of EPA issues
19 to get a document that we're fairly comfortable with
20 on both sides.

21 CHAIRMAN JACZKO: Oh, good.

22 PATRICIA MILLIGAN: That would give us a
23 good place to start based, grounded in reality. So EPA
24 is pretty happy with that particular product, which was
25 really pleasing to me.

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1 CHAIRMAN JACZKO: Oh, good. Excellent.
2 Good. So then I think this is in better progress then.

3 I think, like I said, I think we just may have caused
4 confusion with doing some of the additional runs.

5 I think for now if we just turn off the max
6 piece of it, then that will get us everybody where we
7 can just get back to working this through. And I think
8 we'll then build back up to getting to the point where
9 people are going to realize that we need to do some dose,
10 maybe do some dose modeling.

11 MARTY VIRGILIO: Chairman, this is Marty
12 again. Go ahead, Chuck.

13 CHUCK CASTO: I think they're saying, as
14 you probably know, next week we'll have a VIP here, which
15 I think we'll probably hear a lot about the desire for
16 people to come back.

17 CHAIRMAN JACZKO: Good.

18 CHUCK CASTO: She visits here next Sunday.
19 You should be probably aware.

20 CHAIRMAN JACZKO: Yes. And that's next
21 Sunday as in two days, or a week? My understanding was
22 --

23 CHUCK CASTO: A week, one week, the
24 seventeenth.

25 CHAIRMAN JACZKO: Good. So we should

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1 discussions. And also to eventually make contact with
2 the Russians. So I think that international piece is
3 growing a little bit.

4 CHAIRMAN JACZKO: Okay.

5 CHUCK CASTO: Somebody will have to
6 coordinate with them. And I think we may have to
7 consider what's the implication of (inaudible) joining
8 the consortium. And you have to take (inaudible) for
9 sector.

10 CHAIRMAN JACZKO: Okay.

11 CHUCK CASTO: And another player in that.
12 So there's going to be more interaction in that area.
13 And with the INPO team standing up, it actually then
14 led to even more questions.

15 CHAIRMAN JACZKO: Okay.

16 CHUCK CASTO: And more questions and more
17 dialogue. But I think -- I don't have real backup for
18 15. But probably 11 is more like the number.

19 CHAIRMAN JACZKO: Okay.

20 CHUCK CASTO: And it probably -- Marty,
21 I haven't talked with you about this, but I think a
22 project manager --
23

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1 (CONFERENCE CALL INITIATED)

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3 MALE PARTICIPANT: Guidance on return.

4 MALE PARTICIPANT: Yes.

5 MALE PARTICIPANT: And then this paper on
6 it.

7 MALE PARTICIPANT: (inaudible).

8 CHAIRMAN JACZKO: At this point, that's how
9 we get into kind of the additional dose modeling piece.

10 Would that help you at least in the short term?

11 CHUCK CASTO: I think that what we're
12 trying to understand is how much short term dose in terms
13 of energy, hydrogen and radioactivity, for all of those
14 is remaining in those cores so we can give a perspective
15 of, you know, what might, what energy might be left.

16 CHAIRMAN JACZKO: Okay.

17 CHUCK CASTO: And how hazardous it might
18 be.

19 CHAIRMAN JACZKO: Okay. Okay. Marty,
20 did you have any luck trying to track down our PMT
21 involvement in -- I think, my understanding is that
22 that work is going on. At least to try and figure on
23 kind of what we do next. And what triggers would be
24 and things like that. Marty, did you get any feed back
25 or any (inaudible) on that?

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1 MARTY VIRGILIO: No. We're still trying
2 to track it down. And there was some work being done
3 by research. I'm still trying to unwind some emails
4 I've gotten today. And I've reached out to understand
5 who is doing what.

6 CHAIRMAN JACZKO: Okay. But is it your
7 sense at this point we're at least tied in with the rest
8 of the federal family?

9 MARTY VIRGILIO: Yes. Let me try
10 something. But I think that aspects of this issue are
11 quite sensitive.

12 CHAIRMAN JACZKO: Yes.

13 MARTY VIRGILIO: Okay. And I think that
14 some individuals in the White House didn't appreciate
15 why we were doing what we're doing.

16 CHAIRMAN JACZKO: Okay.

17 MARTY VIRGILIO: And there's efforts being
18 taken to make sure the White House, without giving very
19 much information, understands that what we're doing is
20 an appropriate thing to be done.

21 CHAIRMAN JACZKO: Yes.

22 MARTY VIRGILIO: So if you understand what
23 I'm saying --

24 CHAIRMAN JACZKO: Yes.

25 MARTY VIRGILIO: -- I think we're turning

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1 off that concern. I told Chuck last night around
2 midnight that, don't be surprised if somebody out there
3 gets a phone call from somebody unhappy at the White
4 House.

5 (Inaudible) is doing that work. I don't
6 think that call took place. And I think we took them
7 at first today to try to get that into a leave this issue
8 alone.

9 CHAIRMAN JACZKO: Okay, okay. Well and
10 again, I think for now, you know, I think my sense too,
11 the sensitivity is probably more with the max piece than
12 it is with the MELCOR piece.

13 CHUCK CASTO: I understand that. And we
14 also walked some lines with the guy that's walking
15 through it. But nevertheless, with regard to the MELCOR
16 piece two things.

17 I think two things key that we need to know
18 from MELCOR. And that is, on Unit 1, how much energy
19 left in that core. How dangerous it is, and decide
20 whether, you know, we should push harder on flooding
21 --

22 CHAIRMAN JACZKO: Yes,

23 CHUCK CASTO: -- or whether slurry is okay.

24 And then with regards to the spent fuel pool, especially
25 spent fuel pool number 4, that information will help

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1 them decide how to approach spent fuel pool number 4,
2 with regard to using water or putting slurry on the spent
3 fuel pool.

4 CHAIRMAN JACZKO: Okay, good. Good. So
5 I'm comfortable with us going forward for sure with that.
6 And then I think we just need to slowly, we need to
7 slowly continue to bring folks along on the other pieces.
8 And I think we can get there.

9 We just need to do a little bit more work
10 to get them to understand that at some point we want
11 to be able to tell people they can come back to Japan,
12 or whatever the case may be. But I have a sense --
13 Oh, I'm sorry.

14 CHUCK CASTO: (Inaudible).

15 CHAIRMAN JACZKO: I have a sense that
16 there's work going on in that regard. I think we're
17 just not maybe tied into it in the right way.

18 CHUCK CASTO: Two issues from over here.
19 I think in perspective (inaudible). I think the
20 voluntary early departure is a major stress point over
21 here.

22 CHAIRMAN JACZKO: Yes. Got it.

23 CHUCK CASTO: As you might imagine. And
24 also we had a -- The Ambassador and I and DCM sat with
25 top (inaudible) members yesterday. And they're very

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1 concerned about how the international community is
2 treating Japan.

3 Not the United States, but countries that
4 are blocking things. And they're trying to portray that
5 they come over yesterday for help on trying to portray
6 that Japan's open for business.

7 CHAIRMAN JACZKO: Yes.

8 CHUCK CASTO: And that was a key message
9 that they delivered yesterday to us.

10 CHAIRMAN JACZKO: Okay. Okay.

11 MARTY VIRGILIO: Hey, Roy, Marty. Do you
12 know, is there another IPCC set up on this for tomorrow
13 or anything?

14 ROY ZIMMERMAN: There's one that doesn't
15 have a date yet that they're setting up for next week.

16 And there's a variety of things in play here. One of
17 the things that they're interested in -- I was on a
18 call, an IPCC call yesterday. And there's a lot of
19 interest from the embassy on the reentry criteria --

20 CHAIRMAN JACZKO: Yes.

21 ROY ZIMMERMAN: -- to go pick up things from
22 your home.

23 CHAIRMAN JACZKO: Right.

24 ROY ZIMMERMAN: With a lot of interest from
25 the embassy on U.S. citizens returning to Tokyo.

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1 CHAIRMAN JACZKO: We want that. I guess
2 the question is, (inaudible) been there since I was in
3 Japan. The issue is why is that not getting traction?

4 And what do we do to get some traction in the interagency
5 on that?

6 ROY ZIMMERMAN: You need to discuss at the
7 meeting on the eleventh.

8 CHAIRMAN JACZKO: Okay.

9 ROY ZIMMERMAN: The deputy's meeting.

10 CHAIRMAN JACZKO: Okay. Good.

11 ROY ZIMMERMAN: That's the way it's getting
12 the traction. What we're doing is working with other
13 agencies and the other stakeholders to get a final
14 product, so that it can be put in front of the Deputy
15 for that meeting on the eleventh. CHAIRMAN

16 JACZKO: Okay.

17 ROY ZIMMERMAN: That's when I see this
18 thing breaking free.

19 CHAIRMAN JACZKO: Well I think for that to
20 be successful then, I think we definitely need to stop
21 -- And, Chuck, tell me if you can live with this. I
22 think we definitely need to stop the max runs.

23 Because that will be probably viewed as us
24 trying to do some independent dose modeling. And I
25 think we should continue to rely on DOE to do the dose

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1 modeling. That seems to be, you know, that's been their
2 role. And I think we need to keep them in that role.

3 So I'm comfortable with the MELCOR, because
4 we need to know that in order to give the technical
5 recommendations to people about what's going on at the
6 reactor.

7 So I think then what we should target for
8 the eleventh is that on the eleventh we work to get an
9 answer out of people to give us the go ahead to have
10 NARAC do some runs on the dosage.

11 And we would use these updated MELCOR codes,
12 so we would get some assessment of, you know, is it okay
13 to give the green light for people to come back. Does
14 that sound like a path forward?

15 CHUCK CASTO: I think that's a good path.

16 Two nights ago, I guess it was, doing the call with
17 the embassy head, with the -- I don't know if it was
18 a deputy's call or what it was. They portrayed that
19 they would not probably entertain dropping the early
20 departure for another three or four weeks.

21 CHAIRMAN JACZKO: Okay.

22 CHUCK CASTO: So that is not, you know, you
23 can imagine what that did for morale out here.

24 CHAIRMAN JACZKO: Yes.

25 CHUCK CASTO: The other piece that I was

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1 using to kind of (inaudible) all this. And maybe this
2 has been shared with you. But it appears that they will
3 evacuate some small towns outside the 20 kilometer line.

4 CHAIRMAN JACZKO: They being the Japanese?

5 CHUCK CASTO: The Japanese. There's
6 (indiscernible, possibly "depositions") in the
7 northwest that's going to cause them to evacuate
8 outside. And I'll send you and Marty a Power Point
9 presentation from MEXT.

10 CHAIRMAN JACZKO: Yes.

11 CHUCK CASTO: And there's some interesting
12 information in there.

13 CHAIRMAN JACZKO: And they gave that same
14 presentation in Vienna when I was there as well.

15 CHUCK CASTO: Okay.

16 CHAIRMAN JACZKO: Not as clearly as what
17 you had. But similar data.

18 CHUCK CASTO: And they made some evaluation
19 in regard to our line versus their line.

20 CHAIRMAN JACZKO: Okay.

21 ROY ZIMMERMAN: This is Roy. Another
22 issue, Trish Milligen has joined us. And she was
23 briefing me out earlier. Is this look that we're doing
24 in shrinking the 50 mile evacuation zone --

25 CHAIRMAN JACZKO: Yes,

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1 ROY ZIMMERMAN: -- down to 25 miles.
2 That's also a work in progress right now.

3 CHAIRMAN JACZKO: And for now -- But let's
4 -- I'm going to turn that off too, for right now.
5 Again, I think it's a relatively small U.S. population
6 in that area, if any quite frankly.

7 And I think, let's hold off until the
8 eleventh to get some -- We need to get everybody on
9 board with everything here. And I don't think we're
10 there yet.

11 So let's make the 11th the focus for doing
12 that, so we can get, you know, we can get the interagency
13 all working together to come up with criteria. And then
14 we can evaluate that objectively. And then get to a
15 decision about changing the 50 miles or not. Does that
16 make sense?

17 ROY ZIMMERMAN: Yes, thank you.

18 MALE PARTICIPANT: And just a clearance,
19 just a sort of minor point on what you said, Chairman.
20 Most people that are going up there are traveling
21 through the area to get --

22 Most Americans that are going through there
23 are traveling through the area to get (inaudible).
24 They've only had -- The ushering of this came up in
25 the comp order. I mean, the briefing yesterday, last

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1 evening. And they've only had a couple of people ask
2 for (inaudible) who said that they would be in the zone.

3 CHAIRMAN JACZKO: Okay.

4 MALE PARTICIPANT: Very, very small
5 numbers.

6 CHAIRMAN JACZKO: Okay. Does that make
7 sense, Trish? Is that okay with you?

8 PATRICIA MILLIGAN: Yes, that's fine with
9 me. That works.

10 CHAIRMAN JACZKO: Okay. Yes, I think this
11 meeting on the eleventh -- And let's really, let's get
12 this, make sure that I'm prepared. And if you all can
13 work on the agenda for that to make sure that we have
14 an item to kind of talk about.

15 Specifically issues of reentry, ultimate,
16 you know, goals for, you know, criteria for eventual,
17 you know, relaxation of the 50 miles and all of that.
18 That we start thinking about that now.

19 And then make a fine point that that will
20 likely include some additional dose modeling as we get,
21 you know, to get some understanding of when we might
22 be near those criteria.

23 PATRICIA MILLIGAN: Chairman? Trish
24 Milligan. We've been working with the EPA. They were
25 tasked by Julie Bend (phonetic) to look at developing

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1 what they're calling long term reentry guidance.

2 CHAIRMAN JACZKO: Oh, good.

3 PATRICIA MILLIGAN: Which would be
4 basically looking at, you know, shrinking the evacuation
5 zone as we go forward. And we've worked with PMT and
6 also with EPA up to some very high level of EPA issues
7 to get a document that we're fairly comfortable with
8 on both sides.

9 CHAIRMAN JACZKO: Oh, good.

10 PATRICIA MILLIGAN: That would give us a
11 good place to start based, grounded in reality. So EPA
12 is pretty happy with that particular product, which was
13 really pleasing to me.

14 CHAIRMAN JACZKO: Oh, good. Excellent.
15 Good. So then I think this is in better progress then.
16 I think, like I said, I think we just may have caused
17 confusion with doing some of the additional runs.

18 I think for now if we just turn off the max
19 piece of it, then that will get us everybody where we
20 can just get back to working this through. And I think
21 we'll then build back up to getting to the point where
22 people are going to realize that we need to do some dose,
23 maybe do some dose modeling.

24 MARTY VIRGILIO: Chairman, this is Marty
25 again. Go ahead, Chuck.

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1 CHUCK CASTO: I think they're saying, as
2 you probably know, next week we'll have a VIP here, which
3 I think we'll probably hear a lot about the desire for
4 people to come back.

5 CHAIRMAN JACZKO: Good.

6 CHUCK CASTO: She visits here next Sunday.
7 You should be probably aware.

8 CHAIRMAN JACZKO: Yes. And that's next
9 Sunday as in two days, or a week? My understanding was
10 --

11 CHUCK CASTO: A week, one week, the
12 seventeenth.

13 CHAIRMAN JACZKO: Good. So we should
14 hopefully have all of this wrapped up before then. So
15 it looks like the eleventh is the time we really want
16 to focus and get this decision made. I know the
17 Ambassador, he asked me about this. And he and I talked
18 about this. So I'm fully on board with getting these
19 issues resolved.

20 I think we just need to probably do a little
21 bit better. Kind of change management, or management
22 with the rest of the federal family to get everybody
23 on board with the same issue. Marty, were you going
24 to say something?

25 MARTY VIRGILIO: The document that Trish

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1 is referring to is the one that I shared with you today.

2 CHAIRMAN JACZKO: Oh, good. Okay, good.

3 MARTY VIRGILIO: So you got that. And I
4 was going to say, for the benefit of the people that
5 weren't in the room with you and I today.

6 What I think we need to do is blend the
7 documents that pertain to the reactor, and safety teams
8 they're working on, entitled Stable Plant Conditions,
9 that you and I have also talked about, Chairman, that
10 with this document that EPA and our staff has been
11 working on.

12 CHAIRMAN JACZKO: Good.

13 MARTY VIRGILIO: We have in one document
14 the plant issues and protective measures issues.

15 CHAIRMAN JACZKO: Good. Yes. That makes
16 sense. I think that's a good idea.

17 MALE PARTICIPANT: (Inaudible)

18 MARTY VIRGILIO: Right.

19 MALE PARTICIPANT: And have (inaudible).

20 MARTY VIRGILIO: (Inaudible) table.

21 MALE PARTICIPANT: Yes.

22 MARTY VIRGILIO: Well work that. Trish
23 understands, and we'll work that for this end.

24 CHAIRMAN JACZKO: Okay, good. Good.
25 Does that work for you, Chuck?

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1 CHUCK CASTO: It does.

2 CHAIRMAN JACZKO: Okay, good. I think the
3 last issue Marty and I just wanted to talk to you a little
4 bit about, staffing levels and what you need for staffing
5 levels.

6 CHUCK CASTO: We drew down -- This is my
7 feeling. We drew down about nine people. Yesterday
8 and the day before we were very strapped. But we had,
9 no one was covering the office, covering the conference
10 room for hours. I think unfortunately, I'm not a person
11 that likes to go to people with a problem. But I think
12 nine is probably --

13 And then yesterday we were asked by the
14 Japanese to include (indiscernible, possibly "Aruba")
15 in our discussions. And also to eventually make contact
16 with the Russians. So I think that international piece
17 is growing a little bit.

18 CHAIRMAN JACZKO: Okay.

19 CHUCK CASTO: Somebody will have to
20 coordinate with them. And I think we may have to
21 consider what the indications are of (inaudible) joining
22 the consortium. And the reactor safety team's
23 perspective --

24 CHAIRMAN JACZKO: Okay.

25 CHUCK CASTO: -- with another player in

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1 that. So there's going to be more interaction in that
2 area. And with INPO's team standing up, and actually
3 there's going to be more question and --

4 CHAIRMAN JACZKO: Okay.

5 CHUCK CASTO: -- more questions and more
6 dialogue. But I think -- I don't want to get back up
7 to 15, but probably 11 is more like the number.

8 CHAIRMAN JACZKO: Okay.

9 CHUCK CASTO: And it's probably -- Marty,
10 I haven't talked with you about this. But I think a
11 project manager, a new project manager, particularly
12 to work with the DART team or whomever is doing
13 equipment.

14 Right now Alan Blamey is doing the equipment
15 piece and he's trying to run the reactor safety team.

16 And it's just too much. So, you know, we have to review
17 -- We've been obligated to review the equipment as
18 asked for, to give a sanity check to it.

19 And then just help determine priorities for
20 the equipment. And overall some coordination with it.

21 So that's a path. And I think a project manager might
22 be good for that kind of work. We don't really need,
23 you know, a reactor person for that.

24 CHAIRMAN JACZKO: Okay.

25 CHUCK CASTO: A project manager or

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1 something like that. And then I'm sure you all talked
2 about a three week rotation. I think that's on Marty's
3 email. Because a two week rotation's just too short.

4 CHAIRMAN JACZKO: Okay.

5 CHUCK CASTO: We effectively get nine days
6 out of people and they're gone by the time you travel
7 and do turnover.

8 CHAIRMAN JACZKO: Marty, can you -- So you
9 said that would be -- A project manager would add one
10 person. Any other specific specialty for the
11 additional, the eleventh person?

12 CHUCK CASTO: I think more either
13 protective measures or reactor safety, either one. I
14 think we have one -- I don't know what Marty found out
15 about the protective measures, whether we're bringing
16 two in here or one.

17 MARTY VIRGILIO: Yes, Chuck, let me -- My
18 view on this is, I would personally rather keep
19 re-working protective measures here, as opposed to
20 putting more protective measures people on your team.
21 I'm not opposed to going to 11, because of everything
22 that you do.

23 But I would rather reach back so we can
24 continue to coordinate with our other federal partners
25 on the protective measures issue. That's so sensitive

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1 that I would rather run that out of here. I'm not arguing
2 the 11. I'm just arguing that skill set. Do you really
3 need another protective measures person in Tokyo?

4 CHUCK CASTO: Yes, that's fine. And we can
5 always use another, someone to work the technical
6 issues. That's all in a talent. We have a lot of
7 passing out of the embassy for protective measures for
8 coordination help. We do that. But maybe we'll try
9 with one person and see how that works.

10 MARTY VIRGILIO: Okay. And then --

11 CHUCK CASTO: But --

12 MARTY VIRGILIO: Right. Because I'm
13 really trying, if I can, tamp down some of the efforts
14 that are being generated by, you know, by your folks
15 over there. Because some of that is not being well
16 coordinated I'm afraid.

17 Especially with the stakeholders here, like
18 EPA and the White House and others. So if you have to
19 reach back here to get that support, then I'm guaranteed,
20 in my view I'm guaranteed tighter coordination.

21 CHUCK CASTO: That's understandable.
22 That's fine.

23 CHAIRMAN JACZKO: So we've got a compromise
24 here then, Chuck. We'll get you two more people for
25 sure. And we'll put people on three week rotations.

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1 And we'll see, we'll try for a little bit
2 longer if we can try and focus the PMT stuff here. If
3 it doesn't work, then, you know, I can appreciate the
4 -- You know, I appreciate what you're saying, Marty.

5 I think the one thing I'll say is, having
6 been out there, even just having somebody to just answer
7 questions for the stakeholders there can sometimes just
8 reduce -- It can cut off things even needing to be done.

9 Because we just give them information that
10 is just kind of in people's heads. And they don't need
11 to pursue things farther. So I think there -- Let's
12 continue it this way and see, Chuck. If it does feel
13 like you need somebody out there just to kind of be in
14 people's ear, we can reevaluate the PMT piece.

15 CHUCK CASTO: And the other issues is,
16 maybe not going PMT. It's just we do a lot of town hall
17 meetings for the embassy. And they're reaching out now.
18 They're doing a broader audience. They're doing --

19 There's clubs in Tokyo, you know, American
20 clubs in Tokyo. And they're reaching out, you know,
21 and briefing (inaudible). The embassy's reaching out
22 and doing --

23 They had 350 people yesterday at that Tokyo
24 American's club meeting. And we get a lot of passing
25 to just discuss radiation. And kind of give a general

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1 picture of what's going on.

2 MARTY VIRGILIO: Well then, Chuck --

3 CHUCK CASTO: And they're kind of --

4 MARTY VIRGILIO: Chuck, then I would
5 suggest that you might need somebody with health physics
6 and health effects to deal with that.

7 CHUCK CASTO: Yes, that's what -- Maybe
8 I need to put that in the email. But yes, that would
9 be helpful too.

10 MARTY VIRGILIO: Yes, that makes good sense
11 to me. I mean, I think that --

12 CHUCK CASTO: Yes.

13 MARTY VIRGILIO: So add one PM and on person
14 that's got good communication skills and understands
15 health physics and health effects.

16 CHUCK CASTO: That would be helpful.
17 Because I think they really only had Dr. Coleman
18 (phonetic), and I believe he's leaving, to be able to
19 explain that. And I think he's a volunteer or something
20 out of USAID. And he's done a lot of work, but I don't
21 know if he can do it forever.

22 MARTY VIRGILIO: Okay.

23 CHUCK CASTO: And we get a lot of questions.
24 We get a lot of stuff like that from the embassy staff.
25 So everybody is --

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1 MARTY VIRGILIO: We can do that.

2 CHUCK CASTO: If you can add a PM that has,
3 you know, maybe (inaudible) as well. You know, nuclear,
4 some kind of strong nuclear background and is a project
5 manager, that would be helpful.

6 MARTY VIRGILIO: Got it.

7 CHAIRMAN JACZKO: Anything else that you
8 need, Chuck?

9 CHUCK CASTO: No. I think, for whatever
10 reason I guess, we're going to have to look, probably
11 look at some different space. I'm going to talk to the
12 embassy.

13 It looks like we're going to have to settle
14 in for a longer run than we anticipated. Because it's
15 all down and try to get maybe some other agency to weave
16 in. But that doesn't look like it's happening, you
17 know.

18 We may have to -- I talked to Matt Boler
19 (phonetic) last night at dinner about, you know, we may
20 have to pick them up on their offer to do something
21 different with our arrangement out here.

22 CHAIRMAN JACZKO: Okay, okay.

23 CHUCK CASTO: We've stayed in that
24 conference room just because we thought we were going
25 to draw down and, you know, pass the bulk of it. But

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1 that doesn't appear to be happening.

2 CHAIRMAN JACZKO: Okay, okay. Well keep
3 us posted on that. We'll work on, well keep working
4 on the interagency to kind of bring everybody along on
5 the possible need for additional modeling.

6 But at a minimum, the MELCOR stuff we have
7 a good justification. That is basically to give good
8 reactor technical advice. We've got to have a better
9 handle on what's going on with the core if we can.

10 And so it's, if you get any push back, Marty
11 or Roy, just let me know and I'll engage. Just bring
12 me into the conversation and I'll walk people through
13 that.

14 MARTY VIRGILIO: Okay. Great. Thanks,
15 Chairman.

16 CHAIRMAN JACZKO: The max stuff though for
17 now, Chuck, you're okay. We'll kind of turn that off
18 until we get everybody kind of brought along to the point
19 where I think they start asking for that.

20 CHUCK CASTO: Certainly. Not a problem.

21 CHAIRMAN JACZKO: Okay. And then we've
22 got, you've got worked out with Marty the staffing.
23 And we'll get that taken care of.

24 CHUCK CASTO: Yes, sir.

25 CHAIRMAN JACZKO: Thanks, Chuck.

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1 Appreciate it.

2 CHUCK CASTO: Thank you, gentlemen.

3 CHAIRMAN JACZKO: Thanks Marty. Thanks,
4 Roy.

5 MARTY VIRGILIO: All right. Thanks,
6 Chairman.

7 CHUCK CASTO: Marty, do you need me to hold
8 on for something? Is there something we need to talk
9 about?

10 MARTY VIRGILIO: Not immediately unless
11 you have something. You and I can catch up later if
12 you want to. Or if you've got something, I'm ready right
13 now.

14 CHUCK CASTO: No. I pretty much went
15 through my list. I'm good.

16 MARTY VIRGILIO: Okay.

17 ROY ZIMMERMAN: Chuck, this is Roy. Do you
18 have a sense on how aggressive the Japanese are being
19 about the spent fuel pool in Unit 4? Are they anxious
20 to move forward with the slurry into the spent fuel pool?
21 Because folks here on the reactor safety team and DOE
22 see that as just a last resort. And are not real
23 favorable on doing that.

24 CHUCK CASTO: They're training on it.

25 MALE PARTICIPANT: They're training on it?

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1 CHUCK CASTO: Yes. They're training on
2 it.

3 ROY ZIMMERMAN: Okay. Do you think
4 they're leaning to do that somewhere in the next few
5 days?

6 CHUCK CASTO: I think so. They're
7 training on it. They said they had FDF (phonetic)
8 troops that were training with it.

9 ROY ZIMMERMAN: Okay. Well I'm sharing
10 with you that neither DOE nor the NRC are real high on
11 it unless it's a last resort, last ditch effort. And
12 we're interested in trying to find out more status with
13 cameras and things about whether there's water in the
14 pool.

15 And nothing beats having the water in there.

16 And the structural integrity issue is what's scaring
17 people, associated with the sand. As well as running
18 into potential issues with the coolable fuel is cooling,
19 and any kind of heat transfer if you start having sand
20 going through the spent fuel pool.

21 So it may be a benefit to have, for us to
22 be able to have a dialogue on this before too long, before
23 they get it too set in their minds. So at least that
24 way they can consider the U.S. views.

25 CHUCK CASTO: Well that's why we, you know,

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1 brought you guys in last night. We've got all those
2 same concerns when we heard about it. And there's going
3 to be a call this morning that will convey those
4 concerns. And I'm not real certain of the motivations.

5 When this came up I wasn't in the room.
6 But I don't know if it's because they're trying to limit
7 how much water they put into the facility. Because it's
8 already (inaudible) way too much water to process, or
9 if there's some other issue.

10 BRIAN HOLIAN: Hey, Chuck. It's Brian
11 Holian. I just joined later. I was talking to Al Blamey
12 there. And he did point us to that data on a document,
13 70 page document, that indicated some I guess troubling
14 two hour half life on iodine. I think it was 132. I've
15 got it out there. That came out of Unit 4 turbine
16 building.

17 So, you know, maybe in the back of their
18 mind is, you know, still questions about whether the
19 configuration is with that fuel and whether it's giving
20 off any with short half life.

21 CHUCK CASTO: I saw that short half life
22 thing last night. And then, you know, I think they're
23 afraid that pushing core therm around the building with
24 that water it will release.

25 BRIAN HOLIAN: Okay. So we need to get

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1 that document from Al Blamey. So we'll take a look at
2 that.

3 CHUCK CASTO: (Inaudible) the job. Let us
4 know, if you can, anything, other concerns you have after
5 looking at that, so that we can inform the telephone
6 call this morning.

7 And you need to have -- Not that we need,
8 because there is already a telephone call. But we need
9 to set up a better connection with DOE, NRC and
10 appropriate functions that can, to go over the concerns
11 with the slurry.

12 BRIAN HOLIAN: Well I think the concerns
13 with the slurry, Al Blamey's looking over now. So,
14 Chuck, you've got that. Our paper may tell you, didn't
15 get all your questions from last night. There might
16 have been some turnover issues with kind of the chemical
17 effects.

18 So it just addresses the sand slurry. It
19 might not get to everything you asked last night. So
20 we're trying to catch up on that. But as Marty
21 mentioned, right when I was coming in, DOE had looked
22 at this before.

23 Dana Powers from the science team at DOE
24 had said, try to stay away from sand slurry unless your
25 temperatures are real high, or rad levels are real high.

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1 That's all we have now. But as Roy mentioned, if
2 there's time that we can test something out, we'll try
3 to do it.

4 CHUCK CASTO: I understand. Thanks for
5 that help. I think we have to, you know, I guess you
6 have to weight the benefits and the down side on this.

7 And then -- But I think it's going to win that you
8 should continue with water.

9 I mean, the down side is more long term
10 throughout the plant I guess. And, you know, that's
11 not good. But it's, you know, the temperature is
12 probably the overriding consideration.

13 If that makes any sense, what I just said.

14 I mean, you've got to look at their motivation, and
15 why they want to do it. And so that justifies doing
16 it. It's just adding up.

17 BRIAN HOLIAN: Yes. This is Brian Holian,
18 Chuck. And we weren't sure that we understood their
19 motive from the question. Whether they're -- If the
20 corroboration of that evidence, that they thing they're
21 really moving towards term out.

22 That wasn't as clear to us. And maybe it
23 might not be to them, other than from these samples in
24 the turbine building. Maybe they're just supposing
25 that.

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1 CHUCK CASTO: Yes. I think that's what
2 they're -- I think that's an inference, that they're
3 getting those samples in the turbine building that, you
4 know, you're moving stuff around within the plant.

5 And they don't want to do that. And it's
6 just merely processing the water. I don't think it's
7 justified just processing, you know. Because you're
8 putting too much water in the plant.

9 It's, you know, you want to do this in lieu
10 of putting water in that, because you don't want to have
11 to process the waste water. I don't know if that
12 justifies it. But if you're using slow term around the
13 plant, now is that enough justification to use slurry?

14 BRIAN HOLIAN: Yes. If there was an
15 opportunity to communicate with us with structural
16 integrity, I think that's part of the concern back here.

17 And not knowing that the structural integrity, and then
18 adding all that sand, whether it may have an undesirable
19 affect, unintended consequences.

20 ROY ZIMMERMAN: I think the original sand
21 evaluation, it had in there how much, you know, what
22 limit of sand they should put in there I believe. I'm
23 not certain about that.

24 But I thought we had calculated, you know,
25 what we felt comfortable with in the amount of sand we

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1 could put in there. And then we did it for water. We
2 told them not to, you know, they really shouldn't go
3 above half full height with water. And I thought we
4 did we did with sand. But I'll have to look at that
5 attachment again.

6 MARTY VIRGILIO: Okay. Well I guess the
7 bottom line is, it's obviously their call. But if they
8 are interested in having some dialogue to hear what some
9 of the concerns are back here between NRC and DOE, that
10 offer is there.

11 BRIAN HOLIAN: And we'll also try to get
12 INPO's view also. We've been talking to them, and we
13 haven't heard that yet. We did CPOE's view. But that
14 was kind of from a earlier decision or discussion. It
15 might not be informed by the latest rad samples.

16 CHUCK CASTO: Well I appreciate that. And
17 Alan will brief me here in just a few minutes, and we'll
18 move forward and do the best we can as far as conveying
19 what our concerns.

20 And we can articulate those better in detail
21 with a call or a meeting. But we would suggest that
22 they pause and make sure they understand the
23 ramifications of doing it, if they do choose to go that
24 way.

25 MARTY VIRGILIO: anything else we can do

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1 for you?

2 CHUCK CASTO: No. Good take.

3 MARTY VIRGILIO: We're going to
4 (inaudible). Any new foods that you want to tell us
5 about that you're adding to your favorites collection?

6 CHUCK CASTO: Food?

7 MARTY VIRGILIO: Yes. Any new favorite
8 foods that you want to share with us?

9 CHUCK CASTO: You know, last night we had
10 Mexican. So we're typical.

11 MARTY VIRGILIO: That was very good. We
12 guessed that you had Mexican last night. Okay. You're
13 in Tokyo, you're probably having Mexican.

14 CHUCK CASTO: That's right. Why not have
15 Mexican in Tokyo.

16 MARTY VIRGILIO: Very good.

17 CHUCK CASTO: Okay, thanks, I appreciate
18 it.

19 MARTY VIRGILIO: All right. Have a good
20 day.

21 CHUCK CASTO: Bye.
22
23
24
25

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(CONFERENCE CALL INITIATED)

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MALE PARTICIPANT: Okay, Roy.

MALE PARTICIPANT: Roy, are you there?

ROY ZIMMERMAN: I'm here.

JENNIFER: Hi, Roy. Jennifer and the group here. We apologize, because I know you're probably just getting to sleep. But we had some, a little bit of conflicting information about these three papers.

ROY ZIMMERMAN: Okay.

JENNIFER: My notes, and what Scott, he remembers. And what is down on the chronology there, is indicating that there are three papers: And the two that need to be combined are -- And again, (b)(5)

(b)(5)

ROY ZIMMERMAN: Right.

JENNIFER: Okay. (b)(5)

(b)(5)

ROY ZIMMERMAN: That's correct.

JENNIFER: Okay. That's not what the PMT or the RST have. That's not what they had in their

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1 turnover.

2 ROY ZIMMERMAN: What did they have?

3 FRED BROWN: For the PMT --

4 JENNIFER: That's Fred Brown speaking
5 there.

6 FRED BROWN: Yes, hi, Roy.

7 ROY ZIMMERMAN: Hi, Fred.

8 FRED BROWN: For PMT, on the middle paper

9 (b)(5)

12 JENNIFER: No, no, no.

13 FRED BROWN: Excuse me, that's what the --
14 Excuse me, I said PMT. For the RST that's what my
15 turnover was. For the PMT, Kathy will tell you what
16 her turnover was.

17 KATHY GIBSON: Yes. For the PMT it was

18 just (b)(5)

19 (b)(5)

20 ROY ZIMMERMAN: That was different.

21 KATHY GIBSON: And it looks like (b)(5)

22 (b)(5)

24 JENNIFER: So we're not -- At this point
25 in time we're not clear about what those three papers

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1 are. I mean, we can go ahead and just create all of
2 these different papers. And then not worry about
3 merging them until we get further direction tomorrow.

4 ROY ZIMMERMAN: Yes. I think that's the
5 smartest thing to do is let the three stand on their
6 own. And just confirm, have the morning group confirm
7 with Marty the papers that we're merging. I don't have
8 the papers that I brought home. I left them in the car.

9 JENNIFER: Okay.

10 ROY ZIMMERMAN: So I didn't bring them in.
11 But I would say the best thing we can do tonight is
12 just try to get the papers to stand on their own. The
13 one item that you mentioned I guess is in the PMT. I
14 didn't even understand what that paper was.

15 JENNIFER: Yes. They're talking -- What
16 Kathy Gibson was saying is that she believes that their
17 action is to (b)(5)

18 (b)(5)
19
20

21 And that's not something you had mentioned to me and
22 Scott.

23 ROY ZIMMERMAN: No. Because I don't see
24 how that would jive at all with the merging of any papers
25 for the Chairman. I think again, just trying to get

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1 the papers as stand alone papers for the night. And
2 then you get it clarified in the morning with Marty.

3 And we'll merge the papers --

4 JENNIFER: Okay.

5 ROY ZIMMERMAN: -- on day shift tomorrow.

6 JENNIFER: Okay. All right. So Marty was
7 the person that was directing the merging? Is that from
8 the Chairman's office?

9 ROY ZIMMERMAN: We had a phone call that
10 had Chuck on the phone, the Chairman on the phone, Marty
11 at the ETT all came in for the call, and myself and Joe.

12 And Trish joined late, but was there long
13 enough to understand what we were trying to do with
14 merging some of the papers. But, Scott, what did you
15 get from Joe? Did you get something different than what
16 I laid out?

17 SCOTT: Same thing.

18 ROY ZIMMERMAN: Same thing?

19 SCOTT: Yes.

20 ROY ZIMMERMAN: Okay. Again, I think the
21 best thing to do is just work on each of the papers on
22 their own. And since Joe and I had it the same way,
23 maybe to try to get some initial thoughts. I wouldn't
24 get too far down the road.

25 But get some initial thoughts that if it

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1 is a merger, the two papers that we mentioned, the Tokyo
2 and the stability, what would be the best way to try
3 to make them as cohesive as possible.

4 But I wouldn't proceed too far down that
5 road. Because I wouldn't want you to spend time and
6 effort if somehow we, you know, got tired and got it
7 wrong amongst ourselves.

8 JENNIFER: Okay. Well thanks for that.
9 We're sorry to wake you up. And everybody --

10 ROY ZIMMERMAN: That's no problem
11 whatsoever. I just feel badly that, you know, we didn't
12 give a decent enough turnover on the item.

13 JENNIFER: No. I think there was an
14 appropriate turnover. I just think different groups
15 had different information.

16 ROY ZIMMERMAN: Yes. A kind way of saying
17 it. But again, just so it doesn't become too much of
18 a drag for you all, I think if you can just work on the
19 papers and advance the ball a little bit, then once it's
20 clarified day shift will have clear direction on taking
21 the three good products, and just working to start to
22 merge them.

23 JENNIFER: Okay. All right. Sorry.
24 Good night.

25 ROY ZIMMERMAN: And then we'll finish it.

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1 If we need to we'll finish it on swing shift just so
2 we can try to avoid, you know -- It would be good to
3 -- We talked in our turnover is avoid having it to go
4 out to the line and have people work this thing over
5 the weekend.

6 I still don't think it will be necessary,
7 even with the snafu that we're talking about. Because
8 I sense we were close enough on the papers, between the
9 reactor safety team and PMT. They didn't think there
10 was that much that needed to be done. It's just going
11 to be a matter of making sure we have the right papers
12 to merge.

13 JENNIFER: Yes. That's what everybody's
14 saying. Everyone's nodding their heads.

15 ROY ZIMMERMAN: Okay. Sorry for the
16 confusion.

17 JENNIFER: No, no. Again, it's not your
18 fault. All right. Thanks.

19 ROY ZIMMERMAN: Have a quiet evening.

20 JENNIFER: Bye.
21
22

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(CONFERENCE CALL INITIATED)

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KEVIN YATSKO: Kevin Yatsko (phonetic),
how are you, sir?

CHAIRMAN JACZKO: Hello.

ROY ZIMMERMAN: Chairman, Roy Zimmerman.

CHAIRMAN JACZKO: Hey, Roy, how are you?

ROY ZIMMERMAN: I'm doing well. Yourself?

CHAIRMAN JACZKO: Good.

ROY ZIMMERMAN: I've invited (inaudible)
inviting the team directors in as well. I think we all
benefit from these discussions.

CHAIRMAN JACZKO: Great.

ROY ZIMMERMAN: I think the primary item
to discuss is the Deputy meeting issue, which is
paramount for us on this shift. There really hasn't
been much in the way of change in parameters at the end.
So I can cover that afterwards.

CHAIRMAN JACZKO: Okay.

ROY ZIMMERMAN: But I at least wanted to
get you thinking about the fact that as of right now
there is not a Deputy's meeting set for Monday.

CHAIRMAN JACZKO: Oh, okay. Okay, good.

ROY ZIMMERMAN: However, the White House
is more than willing, if we want it, to have a Deputy's

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1 meeting on Japan with our agenda.

2 CHAIRMAN JACZKO: Okay.

3 ROY ZIMMERMAN: It would basically be done
4 for us with our items. And they're more than willing
5 to do that. And again, they're on standby for us to
6 give them an answer on whether we would like to have
7 one arranged or not.

8 CHAIRMAN JACZKO: What's your
9 recommendation?

10 ROY ZIMMERMAN: Well from our dialogue
11 yesterday, (b)(5)

12 (b)(5)
13
14

15 CHAIRMAN JACZKO: Okay.

16 ROY ZIMMERMAN: That haveing been said, you
17 know, there'll be a fair amount of work to be done here
18 to put together quality products for your use. And to
19 logistically make sure that we, you know, get these in
20 your hands far enough in advance on a weekend.

21 You know, we can always, you know, email
22 these to you. But we want to work out logisitcally the
23 best way of communicating with you over the weekend.

24 CHAIRMAN JACZKO: An email is fine. What
25 about maybe later in the week, like a Wednesday or a

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1 Friday?

2 ROY ZIMMERMAN: We can make that
3 recommendation.

4 CHAIRMAN JACZKO: Okay.

5 ROY ZIMMERMAN: And again, that'll take a
6 little bit of pressure off folks here in terms of making
7 sure we do a high quality product to deliver on that.

8 CHAIRMAN JACZKO: Okay, good. Then let's
9 do that. I think that makes sense.

10 ROY ZIMMERMAN: Okay. So let me repeat it
11 back to you. We're going to shoot for Wednesday or
12 Friday.

13 CHAIRMAN JACZKO: Yes,

14 ROY ZIMMERMAN: And if for some reason they
15 can't support Wednesday or Friday, do you want to go
16 for a Monday, Tuesday?

17 CHAIRMAN JACZKO: Sure.

18 ROY ZIMMERMAN: Okay.

19 CHAIRMAN JACZKO: Yes.

20 ROY ZIMMERMAN: All right. Appreciate
21 that. That was the primary item. Some of the other
22 things that this shift has been involved with are these
23 consortium calls at eight o'clock in the evening to talk
24 about trying to support the Government of Japan with
25 technology and various types of supplies and such.

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1 (b)(5)

2
3 CHAIRMAN JACZKO: In what way?

4 ROY ZIMMERMAN:

(b)(5)

5 (b)(5)

6 CHAIRMAN JACZKO: Okay.

7 ROY ZIMMERMAN:

(b)(5)

8 (b)(5)

9
10
11
12 We're anxious to move forward and get things
13 done and get some outcomes. So we're having limited
14 progress. But it's continuing to move forward, if
15 slowly. I just didn't want you to have a sense that
16 we were accomplishing great things. It's been a slow
17 process.

18 CHAIRMAN JACZKO: Okay.

19 ROY ZIMMERMAN: There's discussion about
20 the -- I'll get into the units a little bit. Unit 4
21 spent fuel pool, which is one of the spent fuel pools.
22 We've had difficulty in ascertaining whether it's dry
23 or has water, or not much water.

24 CHAIRMAN JACZKO: Yes.

25 ROY ZIMMERMAN:

(b)(5)

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(b)(5)

CHAIRMAN JACZKO: Yes.

ROY ZIMMERMAN:

(b)(5)

(b)(5)

So there's interaction and dialogue that will continue to take place. Hopefully before they move forward with accomplishing it. One of the concerns that we have is just the structural integrity of that pool.

CHAIRMAN JACZKO: Yes.

ROY ZIMMERMAN:

(b)(5)

(b)(5)

CHAIRMAN JACZKO: Yes, okay. Well keep working through it. And, you know, in the end all we can do is provide our best recommendation. It's up to them in the end to make the final decision. But --

ROY ZIMMERMAN: Exactly. At the time of the earthquake yesterday, there appears to have been a change in a couple of parameters. One of them was a radiation spike in the dry well in Unit 1.

CHAIRMAN JACZKO: Okay.

ROY ZIMMERMAN: That was considerable,

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1 from 3000 r per hour, up to 18,000. I think TEPCO is
2 viewing this as an instrumentation failure. But the
3 question that is still being pursued is, what was the
4 proximity in time of the earthquake to this occurring?

5 CHAIRMAN JACZKO: Okay.

6 ROY ZIMMERMAN: And, you know, not
7 necessarily immediately ruling out that something might
8 not have shifted around inside of the dry well.

9 CHAIRMAN JACZKO: Okay.

10 ROY ZIMMERMAN: A few other things. NOAA
11 has asked for our assistance with flume modeling for
12 the actual release into the ocean.

13 CHAIRMAN JACZKO: Okay.

14 ROY ZIMMERMAN: That we're supporting
15 that.

16 CHAIRMAN JACZKO: Good.

17 ROY ZIMMERMAN: We are reviewing a
18 Department of State document associated with the return
19 of U.S. citizens to the Tokyo area.

20 CHAIRMAN JACZKO: Okay.

21 ROY ZIMMERMAN: So that's ongoing. And we
22 also understand that Secretary Clinton may visit the
23 area next Monday, a week from Monday.

24 CHAIRMAN JACZKO: Okay.

25 ROY ZIMMERMAN: And Chuck may be involved

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1 in that from the standpoint of some briefings.

2 CHAIRMAN JACZKO: Good.

3 ROY ZIMMERMAN: So staff is working with
4 him in terms of talking points and the like.

5 CHAIRMAN JACZKO: Right. Now is he --
6 Let me go back. So if we've got -- You know, some of
7 these issues that I think that we talked about at the
8 Deputy's meeting, it seems like -- Based on what you
9 just told me it seems like some of these things are
10 working. Are they not? Am I misunderstanding?

11 ROY ZIMMERMAN: No. I mean, they are
12 progressing.

13 CHAIRMAN JACZKO: Okay.

14 ROY ZIMMERMAN: Again, we're working with
15 the Department of State on theirs. The, what we refer
16 to (b)(5)

17 CHAIRMAN JACZKO: Yes.

18 ROY ZIMMERMAN: -- is one that is virtually
19 complete. I know that's important again, to the
20 embassy, (b)(5)

21 (b)(5)
22
23
24
25

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1 CHAIRMAN JACZKO: Okay.

2 ROY ZIMMERMAN: So they are proceeding.
3 They are a work in progress.

4 CHAIRMAN JACZKO: Okay.

5 ROY ZIMMERMAN: It turns out we get a couple
6 of days to fine tune these. But otherwise we are working
7 with our federal partners and such, to try to have some
8 products put together that we can have some decisions
9 --

10 CHAIRMAN JACZKO: Okay.

11 ROY ZIMMERMAN: -- made on, which would be
12 the purpose of the Deputy's call.

13 CHAIRMAN JACZKO: Okay, good. Well it
14 sounds like, based on the time lines and how things have
15 generally gone, I would suggest then, and maybe we'll
16 have a question for Chuck too if this timing works for
17 him.

18 That maybe end of next week would be a good
19 time for the Deputy's meeting then. Because the more
20 we can get done at your level -- And I don't mean that
21 in a pejorative way.

22 ROY ZIMMERMAN: I understand.

23 CHAIRMAN JACZKO: I think the easier it
24 will be. And we may even get to the point where we don't
25 need a Deputy's meeting to -- You know, there may not

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1 be anything left to resolve.

2 I mean, I think in general, my sense is that
3 people have been working in good faith to try and get
4 agreement on these things at the right level. So if
5 they are products working, why don't we just reconvene
6 and rethink on Monday where we are.

7 And maybe we can get back to the White House
8 and say, right now we're thinking end of next week might
9 be the time frame. Let's give everybody a chance early
10 next week to try and work through some of these issues,
11 and see if we can't get them resolved.

12 ROY ZIMMERMAN: Okay.

13 CHAIRMAN JACZKO: Does that make sense?

14 ROY ZIMMERMAN: It surely does,
15 (inaudible).

16 CHAIRMAN JACZKO: Okay.

17 ROY ZIMMERMAN: The other item I'll mention
18 to you just briefly. You're familiar, for the infamous
19 reason, the reactor safety team assessment that was
20 released to the New York Times.

21 CHAIRMAN JACZKO: Yes.

22 ROY ZIMMERMAN: One of the things that
23 we're doing, the reactor safety team is doing, is working
24 on a revision to that.

25 CHAIRMAN JACZKO: Okay.

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1 ROY ZIMMERMAN: To account for the inerting
2 and the less energetic --

3 CHAIRMAN JACZKO: Yes.

4 ROY ZIMMERMAN: -- hopefully associated
5 with that. So that's another major product that's being
6 --

7 CHAIRMAN JACZKO: Good.

8 ROY ZIMMERMAN: -- being worked on.

9 CHAIRMAN JACZKO: And did we, did you all
10 get some kind of information from me about the importance
11 of information control?

12 MALE PARTICIPANT: There was an agency
13 announcement that went out, that directed us to be
14 sensitive to --

15 CHAIRMAN JACZKO: Okay, good.

16 MALE PARTICIPANT: -- the markings, sir.

17 ROY ZIMMERMAN: The other thing that we're
18 looking at doing is putting sort of a cover page --

19 CHAIRMAN JACZKO: Good.

20 ROY ZIMMERMAN: -- on our OUO documents to
21 ask those that may not be familiar with that marking
22 from outside the Government to respect our OUO marking
23 --

24 CHAIRMAN JACZKO: Good.

25 ROY ZIMMERMAN: -- and to not share it.

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1 CHAIRMAN JACZKO: Good, perfect. Good.

2 ROY ZIMMERMAN: Let me go around just to
3 see if I left out any big items here that we want to
4 address. I think we're good. We got our work cut out
5 for us on these different white papers. And the fact
6 that the Deputy's meeting, if it occurs at all, would
7 be more to the end of next week. We'll get some breathing
8 room.

9 CHAIRMAN JACZKO: Okay.

10 ROY ZIMMERMAN: So if you heard a sigh or
11 relief, it probably came from everybody in the room.

12 CHAIRMAN JACZKO: Okay, good. And I'll
13 talk to Chuck too, and make sure Chuck is okay with that
14 time line. Because I think a lot of the interest is
15 driven by the Ambassador there. But I think we can get
16 him to a place where he's comfortable the end of the
17 week.

18 ROY ZIMMERMAN: Yes. I think the point you
19 just made is very important. Because I know
20 the (inaudible) call that I was on, on Wednesday, it was
21 raised a couple of times that (b)(5)

22 (b)(5)

23 CHAIRMAN JACZKO: Yes. Good.

24 ROY ZIMMERMAN: So end of next week, with
25 Chuck's buy in to that date, allows us the time to

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1 continue to work on this and get it right.

2 CHAIRMAN JACZKO: Okay, good. Perfect.

3 ROY ZIMMERMAN: I think that's all we've
4 got.

5 CHAIRMAN JACZKO: Okay. Well thanks
6 everybody. Appreciate your hard work.

7 ROY ZIMMERMAN: All right. And, Chairman,
8 are you looking for a call tomorrow the same time?

9 CHAIRMAN JACZKO: Yes. That would be
10 great. We could do that.

11 ROY ZIMMERMAN: All right. You have a good
12 evening.

13 CHAIRMAN JACZKO: Okay. Thanks.

14 ROY ZIMMERMAN: Thanks.

15 CHAIRMAN JACZKO: Bye.

16

17

18

19

20

21

22 (CONFERENCE CALL INITIATED)

23 0(5!!KG_13765094

24 OPERATOR: There are currently nine
25 participants in your conference. The following people

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1 are in the conference.

2 HEADQUARTERS OPERATIONS OFFICER:
3 (Inaudible) Headquarters Operations Officer.

4 MALE PARTICIPANT: Industry support team,
5 Tokyo.

6 GLENN SUTTON: Glenn Sutton (phonetic),
7 Naval reactors.

8 RICK NEILSON: Rick Neilson (phonetic),
9 INPO.

10 MAJOR MCKENNA: Major McKenna (phonetic)
11 JSFJJ4

12 ALICE CAPONITI: Alice Caponiti,
13 Department of Energy.

14 ALAN BLAMEY: NRC Japan Team, Alan Blamey
15 and Eric Stahl.

16 OPERATOR: Roster playback it complete.

17 ROY ZIMMERMAN: Good evening, this is Roy
18 Zimmerman. I'm the executive team director. I welcome
19 you to tonight's call. And I thank you for your
20 continued participation.

21 I think we all share a little bit of
22 frustration with the pace of activities. But just the
23 fact that you stick with it and we're driven to try to
24 do the best we can to accomplish the needs for the
25 Government of Japan, is something we all are taking very

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1 seriously.

2 And your continuation night after night to
3 participate in these calls is very, very much
4 appreciated by the NRC, and I've got no doubt by the
5 Government of Japan.

6 I think tonight our goal will be similar
7 to try to see what updates we can provide each other.

8 Walking through what is now one list instead of two
9 lists. And if everybody's in agreement, I'll stop in
10 a moment for other opening comments.

11 But we'll walk through these items. I
12 think we need to be -- It's my third night now on this.

13 I think we need to be candid with each other. If
14 something needs to be said, we're all working together
15 as a team.

16 We are partners on this. And let's make
17 sure we air out what our frustrations are, and try to
18 make this work as effectively and efficiently as
19 possible.

20 But I again appreciate you calling in on
21 a Friday night. There's no doubt there's other things
22 that you could be doing. With that, let me pause and
23 see if anybody has any opening comments they would like
24 to make before we run through the priority list.

25 ALAN BLAMEY: Good morning, this is -- Or

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1 I should say good evening for most of the people on the
2 call. This is Alan Blamey with the Japan team. Just
3 I guess one point as we move forward.

4 I really appreciate the ops center taking
5 the lead on this over the last couple of days. I think
6 in yesterday's call DOE was going to start to try and
7 move in to a leadership role.

8 I did hear, I think it was Alice on the line
9 from DOE. Are you guys ready to start to take the lead?

10 Or would you like us to continue working this for a
11 couple of days through a smooth transition?

12 ALICE CAPONITI: Hi, this is Alice. Yes.

13 You know, I'm not sure of the logistics of actually
14 running this call. I think we're just not really clear
15 in terms of our logistical support.

16 And I think those are the kinds of details
17 that are going to be worked out. And I do apologize.

18 I'm trying to reposition myself into a car from a
19 restaurant. So you're going to hear a lot of ambient
20 noise.

21 What we're going to do is, I know that people
22 are discussing at pretty high levels about how roles
23 are going to be structured. And how the specific
24 functions are going to be supported. I don't have
25 anything to bring to that.

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1 I can tell you that right now I have not
2 heard a concept that says we're ready to take the
3 function over. But we know this is something that
4 people are looking for in terms of details. And I think
5 that's being worked out.

6 I'm not sure if the embassy staff has any
7 further guidance there. But we do recognize that this
8 is something we're going to have to have these details
9 worked out.

10 ALAN BLAMEY: Yes. I think with that,
11 unless there's somebody else in the embassy on, which
12 I don't hear anybody else right now. So, you know, I
13 think, Roy, if you have no problems, if you could
14 maintain at least the leadership role during the call.

15 And we'll continue to try and work with DOE
16 and things, you know, early next week to have a smooth
17 transition for this call. I think that would be
18 worthwhile if you guys can continue to support.

19 ROY ZIMMERMAN: Yes. We have no problem
20 with that. Again, our role is really the facilitation
21 and master of ceremonies, and so forth. The energy and
22 the heavy lifting have always been by you all.

23 And as long as you continue to bring that
24 energy and challenging, you know, each other. And what
25 do we need to do to be able to make these things happen.

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1 That's what this call is all about.

2 ALAN BLAMEY: Okay. Great. Then with
3 that said, I guess the most important thing that I would
4 like to verify -- As far as the status goes --

5 RON CHERRY: Alan, can I jump in here for
6 a second. This is Ron. I just wanted just to follow
7 up on that point briefly. There's a lot of, as Alice
8 was saying, there's a lot going on back in Washington
9 I believe, and at pretty high levels.

10 So regarding a lot of organizational
11 issues. And to include, I think, this is a matter that
12 was discussed on a conference call last night. So I
13 think if we can just more or less, you know, we've already
14 gone through one transition I think to try to get
15 everything on to one spreadsheet.

16 And if we can keep going down the road we're
17 on right now to really sort of solidify the process,
18 then we're probably going to be getting I think, I expect
19 sooner rather than later, some additional instructions
20 on other matters.

21 So this will all happen I think. But
22 perhaps we should try not to reconfigure things any more
23 than absolutely necessary, while some higher level
24 decisions are pending. I mean, does that make sense.

25 ALAN BLAMEY: I think that makes sense for

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1 the Japan team. At least with what we heard last night
2 in the phone call.

3 ROY ZIMMERMAN: Yes. And again, this is
4 Roy Zimmerman. I have no problem with that. Again,
5 I think the benefit of these calls is the status where
6 we're at. And then to challenge what is the next step?
7 How soon can it get done?

8 You know, we're all interested in ELCO
9 (phonetic). We want to see the material get to where
10 it needs to be. That's where our job satisfaction will
11 come from, that it helps abate the problems that are
12 ongoing there.

13 And we need to stay aggressive and force
14 some of these issues in order to make the time we're
15 spending on these calls as useful as possible. So I
16 think in addition to statususing the items, it's the
17 dialogue that you all have on the items.

18 And again, some of the team challenge is
19 to look at what can we do differently? How do we light
20 a charge under Japan on this to get an answer? What
21 else can we do on this to be able to see the benefit
22 at the other end of the tunnel?

23 So if we all see it as a sort of mode of
24 why we're going through this, and periodically see the
25 frustration. But are trying to do what we can to knock

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1 down barriers, that's what I view as a positive aspect
2 of these calls.

3 We have to be a little uncomfortable with
4 the speed of action. And seeing if there's something
5 that we're capable of doing, perhaps again through Alan
6 and the others at the site. And the different
7 representatives that we have there from the different
8 departments and agencies and INPO and et cetera. Just
9 try to get these things done.

10 Anyway, with that, I'll open the floor again
11 up to anybody else who feels they have some higher level
12 comments they want to make before we dive into status
13 of individual items.

14 RICK NEILSON: This is Rick Neilson
15 (phonetic) from INPO. Just to get the (inaudible).
16 It's not real clear who to send our (inaudible) now that
17 we changed this format to the embassy format.

18 ROY ZIMMERMAN: Yes. We're using the
19 embassy format, not the consortium one. We've done the
20 blending. And we're working tonight off the embassy.
21 And it has the DOE comments from last night. Thank
22 you.

23 RICK NEILSON: (Inaudible)

24 ROY ZIMMERMAN: You're breaking up a little
25 bit. The question was, who should the comments go to.

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1 FEMALE PARTICIPANT: Yes. Who should it
2 go to, to the document. And if they have changes to
3 the document it would be good.

4 ROY ZIMMERMAN: Headquarters will continue
5 to maintain the document if that's all right with Japan.

6 ALAN BLAMEY: I think that will work with
7 Japan at this point in time, as long as -- And I'll
8 work through some other logistics off line with you guys.

9 But if you can keep it updated and then send it out
10 to Japan, we'll verify it and move forward. I think
11 in this interim period that would help.

12 ROY ZIMMERMAN: Okay. That's how we'll
13 operate.

14 ALAN BLAMEY: And before we get too far,
15 I'd just like to verify with the lists that we all have,
16 in the upper left hand corner there should be a time
17 and date stamp on it.

18 MALE PARTICIPANT: (Inaudible) we have
19 that's not been updated.

20 ALAN BLAMEY: And the time and date stamp
21 that we have is April 8th at 13:20 hours, Japan standard
22 time. Is that the same copy that you guys have at
23 headquarters?

24 ROY ZIMMERMAN: I'm sure that we --

25 MALE PARTICIPANT: No, this is the only one

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1 that I can find. There may have been --

2 ROY ZIMMERMAN: Yes. We've got a little
3 bit of a glitch there. But nothing that's going to
4 prevent us from being able to move forward. If you catch
5 something, Alan, as we go through that's different,
6 please raise it.

7 ALAN BLAMEY: Okay.

8 RON CHERRY: May I -- This is Ron in Tokyo.
9 May I ask, what date time stamp do you have?

10 ROY ZIMMERMAN: April 7th, 18:50 Japan
11 time.

12 RON CHERRY: Okay. Well I have both of
13 those. So maybe between myself and Alan we'll be able
14 to help keep things straight.

15 ROY ZIMMERMAN: Okay. I got no doubts you
16 will.

17 MALE PARTICIPANT: And did anybody get
18 today a new updated list with that date? Anybody else
19 other than the Japan team?

20 ROY ZIMMERMAN: We sent ours out last
21 night, right?

22 MALE PARTICIPANT: Yes.

23 ROY ZIMMERMAN: We only sent out one list
24 after the meeting last night.

25 FEMALE PARTICIPANT: That's the one we

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1 have.

2 MALE PARTICIPANT: That's correct.

3 ALAN BLAMEY: Okay.

4 ROY ZIMMERMAN: Yes. I'm just not sure how
5 Alan has a more up to date one.

6 ALAN BLAMEY: Can I ask the --

7 RON CHERRY: What I believe may have
8 happened is that the embassy sent this most recent list,
9 sent it to the Japanese. And it may just simply --
10 That would have been done yesterday afternoon.

11 And it may just simply, for some reason that
12 I'm not aware of, it may nbot have been sent to the wider
13 distribution. So, you know, we're early in the
14 transition.

15 We know, Alan and I are working closely with
16 the people at the embassy who are actually the keeper
17 of this list. So we may just have to work out a few
18 kinks in the operating procedure.

19 ROY ZIMMERMAN: Okay. And we'll do that.

20 All right. I'm a little sensitive to the time for you
21 all on a Friday night. Are we ready to try to work our
22 way through the list?

23 MALE PARTICIPANT: Yes, let's go.

24 ALICE CAPONITI: Just one question. This
25 is Alice Caponiti, Department of Energy. Just to

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1 confirm, I did not see an update today. Are we stating
2 that an update may not have been sent out for today's
3 call?

4 ROY ZIMMERMAN: You should have the April
5 7th, 18:50 version.

6 ALICE CAPONITI: Okay. Was that the same
7 version that we're using the status for last night's
8 call? Or was there an updated version?

9 ROY ZIMMERMAN: This is the updated version
10 after our call.

11 ALICE CAPONITI: Okay.

12 ALAN BLAMEY: Alice, it came out last
13 night, about 10:00 p.m. D.C. time.

14 ALICE CAPONITI: Okay. Thank you, Alan.
15 Okay, thanks.

16 ALAN BLAMEY: That's the last we have.

17 ROY ZIMMERMAN: Okay. On the first couple
18 of pages -- Yesterday we spoke about the fact that they
19 were dealing with a lot of water management issues.
20 Alice raised the issue about needing more details on
21 exactly what's being requested.

22 And we talked about the next step involving
23 trying to clarify with the Government of Japan a little
24 bit more detail of what they were looking for. So that
25 DOE would have an opportunity to better understand

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1 what's being requested.

2 And if I have that right -- Correct me if
3 I'm wrong. But that's what I recall from last night.

4 Would you need to do these individually? Or we could
5 try to see if we were able to gain any additional
6 clarification that will help Alice and her team being
7 able to move forward on these items. Did I capture that
8 right, Alice?

9 ALICE CAPONITI: Oh, was that a question
10 for me? This is Alice Caponiti.

11 ROY ZIMMERMAN: Yes. I just wanted to make
12 sure that, since I was putting words in your mouth I
13 want to make sure that I was, you know, that I was being
14 relatively aligned with you yesterday. That what you
15 said, that it didn't seem like you could do too much
16 with the list without getting more detail about what
17 was being requested.

18 ALICE CAPONITI: Right. And it couldn't
19 -- Yes. For some of the items, since they're termed
20 in a way that we haven't seen before, it might be helpful
21 to get some more context to them.

22 ROY ZIMMERMAN: Okay. That was yesterday.
23 Is there anything, Alan, that advanced the ball at all
24 on that? Or is that going to need to wait a couple of
25 days?

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1 RON CHERRY: This is Ron --

2 ALAN BLAMEY: I'm not sure to tell you the
3 truth. Go ahead, Ron.

4 ROY ZIMMERMAN: I think we had Ron and Alan
5 talking at the same time.

6 RON CHERRY: This is Ron. There's
7 basically no change in the status. We still need that
8 clarification.

9 ROY ZIMMERMAN: Still don't have
10 clarification.

11 RON CHERRY: That's right.

12 ROY ZIMMERMAN: When do we think we're
13 going to get clarification? So we have an idea of when
14 we should really be talking about this again.

15 RON CHERRY: I think we just received some
16 further information. And I believe it should be
17 indicated in the next update that will go out. Well
18 we received some additional information on points of
19 contact.

20 And the next step is to follow up with the
21 POCs, either INPO or TEPCO to get that clarification.

22 I can't give you a precise time line. But I'm sure
23 it will happen next week.

24 ROY ZIMMERMAN: Okay. So we don't expect
25 anything over the next couple of days. It will be more

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1 than likely next business week before we have more to
2 talk about on this.

3 RON CHERRY: I would think so. With the
4 possible exception of those few items, such as the tanks,
5 for which we already have some good definitions.

6 ROY ZIMMERMAN: Okay. Is there anything
7 based on that new definition that you want to talk about,
8 in terms of what we can do to move forward?

9 RON CHERRY: Well on the tanks, I think
10 there the next step was to finalize the cost estimates
11 for air and sea shipments. And then TEPCO has to decide
12 which of those methods of shipment they would be willing
13 to pay for.

14 ROY ZIMMERMAN: Right. You spoke about
15 that yesterday. So how do we get that answer from Japan?

16 RON CHERRY: Well we first need to get the
17 cost estimates, which is our responsibility. And I
18 think either Savannah River (phonetic) or Ann Denise
19 (phonetic) has a lead on that. But I'll defer to Alice
20 on that point.

21 ALICE CAPONITI: This is Alice. So what
22 I'll do is I'll try and find out where the status is
23 on getting those cost estimates. And I'll send what
24 I learn in an email update.

25 ROY ZIMMERMAN: That would be great.

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1 Okay. Anything else we want to discuss on any of these
2 21 items on the first couple of pages? It sounds like
3 we really only had one that we were able to address at
4 this time.

5 RON CHERRY: And forgive me. This is Ron
6 again. But if you need a sense of why that clarification
7 of these items seems to take longer than perhaps it
8 should. Well it's because first of all --

9 And I think the Japanese recognize that
10 those need to be sorted out and re-wrapped and
11 prioritized. But to do that, in keeping with the
12 procedure that we have, or that we're trying to
13 establish, the Japanese technical points of contact are
14 going to have to work with us to figure out exactly what
15 it is that they want.

16 Then they're going to have to prepare a
17 request in somewhat formal terms, that would then get
18 vetted up through the technical channels, and finally
19 to the crisis management team, where the request would
20 be formally submitted to us. At which point then, we
21 have something that we can really act on.

22 So there are a number of specific steps that
23 have to go, that have to happen here. And it's another
24 one of these transitions that needs to happen, but can't
25 happen perhaps as quickly as we would like. But we are

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1 trying to make that happen as quickly as we can.

2 I don't know if Bill Berger is on this call,
3 with the DART. But he is really the person who is most,
4 I think probably most well versed in what it is that
5 we're trying to do here in terms of process.

6 ROY ZIMMERMAN: Okay. At the appropriate
7 time, should we invite him on one of these calls to --

8 RON CHERRY: He has been on the call already
9 the last couple of days. So he's aware of this call
10 and the value that it has. And is participating.
11 Though I don't know whether he was on this one. I came
12 on a couple of minutes late, myself.

13 ROY ZIMMERMAN: Okay.

14 ALAN BLAMEY: Yes. I didn't hear him.
15 And I know he was in real late last evening. We had
16 a call with Washington. So if he's not on, he may try
17 and come on a little bit later. But we were in very
18 late last night.

19 ROY ZIMMERMAN: Okay. And again, I
20 appreciate everybody's efforts and time that's being
21 put into this. Okay. We'll move on to the item number
22 20, heat exchanger to be used in spent fuel pool.

23 MAJOR MCKENNA: Excuse me. This is Major
24 McKenna (phonetic) with JSFJ4. I just had a quick
25 question before I move on, for Mr. Cherry, regarding

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1 POC information.

2 And if I could just get Mr. Cherry's phone
3 number, we could probably get this off line. I just
4 had a question about Admiral Gregory being listed as
5 the POC. And I just want a little more information about
6 it.

7 RON CHERRY: Oh, and I'm sorry. I believe
8 I saw your email and did not respond to you. I'll be
9 happy to talk to you. My apologies for not getting back
10 to you yesterday. You can call me. My cell number here
11 in Japan is (b)(6)

12 MAJOR MCKENNA: Okay. Excellent.

13 ALICE CAPONITI: And --

14 MAJOR MCKENNA: Oh, go ahead.

15 ALICE CAPONITI: Oh, I know you're
16 proposing to have that as an off line discussion.
17 That's great. But this is Alice Caponiti again from
18 Department of Energy. Admiral Gregory was also
19 identified as somebody we should be in touch with because
20 of her potential access to water treatment capabilities.

21 And I'm not sure whether those contacts
22 actually got made. But if these are contacts that we
23 should be making, and there are resources that we should
24 be drawing on, or at least having information reviewed,
25 please let me know if that's a contact that we're

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1 supposed to be making and maintaining.

2 MAJOR MCKENNA: Okay. If I could get your
3 phone number, we can --

4 ALICE CAPONITI: It's -- Well, probably
5 email is best. It's Alice, A-L-I-C-E, dot Caponiti,
6 C-A-P-O-N-I-T-I at nuclear.energy.gov.

7 MAJOR MCKENNA: Okay. I'll shoot you an
8 email right after this.

9 ALICE CAPONITI: Okay. Thank you very
10 much.

11 MAJOR MCKENNA: No problem.

12 ROY ZIMMERMAN: Okay. Good discussion.
13 I think we're ready to move on. Correct me if I'm wrong.

14 I think we move on to heat exchanger to be used in the
15 spent fuel pool, item 20.

16 TEPCO is trying to get a system design.
17 Placed a design order with Toshiba. Next step still
18 reads, check if Shaw (phonetic) has a commercial
19 contract to work on this.

20 ALAN BLAMEY: Yes. This is Alan at the
21 embassy. At this point in time, we should be able to
22 close that one. We just need to confirm with the
23 Government of Japan.

24 In fact, the bottom line is we know that
25 TEPCO -- In the last meeting we had this past week,

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1 they do have a commercial contract to do this. So we
2 should be removing this from the list.

3 And I have emails from INPO late last
4 evening that this information has been transferred, I
5 guess to the Government of Japan, probably through NISA.

6 That they provided the information. That's all that
7 this item was going to do.

8 So since the information's been provided,
9 TEPCO has a commercial contract. We recommend closing
10 it and at the next get together that we have with the
11 Government of Japan, they can go through that and confirm
12 that they need nothing more on this.

13 ROY ZIMMERMAN: All right. Then we'll go
14 ahead, Alan, and we'll close it now.

15 ALAN BLAMEY: That will be fine.

16 ROY ZIMMERMAN: Germanium semi conductor
17 detectors, item 4. DOE may offer TEPCO two units and
18 discuss about not returning the instruments. Next up,
19 DOE, Mr. Cherry will add point of contacts for the
20 Government.

21 MALE PARTICIPANT: (Inaudible) is the
22 latest.

23 ROY ZIMMERMAN: And DOE's (indiscernible,
24 possibly "low two" detectors, April 6th. Four
25 additional detectors were shipped from NRL and will be

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1 received on April 11th. So that one looks like it's
2 working. (Inaudible).

3 RON CHERRY: So you'll see some changes in
4 the next update. What we have done with the germanium
5 semi conductors is we have broken this down into the
6 hpge's (phonetic) that are being provided to each of
7 the Japanese organizations.

8 The National Institute of Public Health,
9 MHLW Food and Safety Department, Minister of
10 Agriculture, and also the request from TEPCO. So I
11 think this will --

12 So rather than try to mash all of these
13 individual items into just the one row, we're going --

14 The next version of this that you should see -- No,
15 correction, it's in the April 7 already. So you see
16 the different, the individual statuses for each of the
17 ministries, right? Do you see that?

18 ROY ZIMMERMAN: No. Not on the version I'm
19 looking at.

20 RON CHERRY: All right. Okay, sorry. You
21 know I haven't had my second cup of coffee yet. So what
22 we've done than, is that we took that April 7, 18:50
23 version that you have.

24 ROY ZIMMERMAN: Yes.

25 RON CHERRY: And we have actually re-racked

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1 it now in this individual breakout as I was just
2 describing. The AMS (phonetic) team at the embassy did
3 this for me yesterday. And we didn't change the date,
4 time stamp on their corrections, which accounts for my
5 confusion just a minute ago.

6 ROY ZIMMERMAN: But did they --

7 RON CHERRY: But what you should see in the
8 next version I think will be something that will have
9 a little more fidelity on each of the detectors that's
10 being provided to the different Japanese ministries.

11 ROY ZIMMERMAN: Okay, that's great.
12 You're going to provide that to us?

13 RON CHERRY: Yes. That should be coming
14 in the next -- Well what we did now, in keeping with
15 this process is that the Econ, the Economic Affairs
16 section in the embassy has really on point to maintain
17 the up to date embassy spreadsheets.

18 So we have provided this new structure for
19 the germanium detectors up to the Economic Affairs
20 section. They have it now. They had it as of last
21 night. So the next version of this spreadsheet that
22 comes out should show this breakdown. So I think --

23 But the status is essentially where --
24 It's the same as where we were yesterday. We had the
25 two detectors that are in country. And they are, well

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1 they're due to be tested and calibrated.

2 But we're working to identify the liquid
3 nitrogen source, so that we can proceed to test it in
4 calibration of the equipment that are intended for the
5 National Institute of Public Health and MHLW Food and
6 Safety.

7 ROY ZIMMERMAN: All right, very good.
8 Thank you. Any questions before we move on?

9 MAJOR MCKENNA: This is Major McKenna
10 again, from JSFJ4. The latest I heard on that liquid
11 nitrogen is that it's available on post, on Yokota where
12 they have the germanium detectors. They were able to
13 get that from a source here.

14 RON CHERRY: Great.

15 MAJOR MCKENNA: They're just waiting for
16 a 30 liter or a 160 liter duer (phonetic). But what
17 I heard was they were going to fill the detectors and
18 use a four liter duer that they had to go back and get
19 resupply on liquid nitrogen. That was the latest I
20 heard.

21 ROY ZIMMERMAN: Thank you very much. Can
22 you include that in the write up you send us?

23 RON CHERRY: All right. So the liquid
24 nitrogen is available, confirmed available at Yokota.

25 MAJOR MCKENNA: Yes.

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1 RON CHERRY: And that was confirmed by J4.

2 MAJOR MCKENNA: Yes, sir.

3 RON CHERRY: Thank you very much.

4 ROY ZIMMERMAN: That's good news. Okay.

5 No further questions? We'll move on. Thirteen-A,
6 includes a variety of different types of meters and
7 dosimetry. Looks like this was provided to Alan and
8 to Al for the cabinet meeting back on the second. Next
9 step was DART raising it in the April 7th meeting with
10 the Cabinet. Any updates to provide?

11 ALAN BLAMEY: If I'm not mistaken, I don't
12 believe that Bruce is on here. But from the last call
13 I think we have a donor's meeting coming up Monday or
14 Tuesday on this particular issue. Japan still is
15 requesting the dosimeters.

16 And in the meeting that we had I think they
17 just requested -- When we ask how many, they ask how
18 many can we provide? So with that, I think this is going
19 to be discussed in the donor meeting Monday or Tuesday.
20 Trying to coordinate the total number.

21 ROY ZIMMERMAN: All right. Very good.
22 Any questions? Okay. The next item is closed. We move
23 down to low ground radiation, monitoring devices, global
24 stationary. DOE currently is operating air samplers
25 on the roof of the embassy.

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1 (Inaudible) management team, and
2 occasional field deployments working to install agent
3 fueled radiation detection back packs and intended mode,
4 bringing the site crew. The crew that DOE requested
5 is awaiting Japanese National Police approval. So the
6 next step is Japanese National approval, looks like.

7 RON CHERRY: Right. This is Ron in Tokyo.

8 And my understanding is we got the National Police
9 Agency approval for the fixed monitoring posts last
10 night.

11 ROY ZIMMERMAN: Great.

12 RON CHERRY: And again, the AMS team is
13 helping us keep the spreadsheet up to date. And so that
14 too should be included in the next iteration.

15 ROY ZIMMERMAN: All right. So we'll leave
16 this open until they actually get installed, obviously.

17 RON CHERRY: Correct.

18 ROY ZIMMERMAN: Okay. Good update.
19 Thank you. Next item, two Bravo radiation friskers,
20 hand and foot.

21 ALAN BLAMEY: This is Alan. There's no
22 change on that. I have an email sitting ready to go
23 to the contacts in the Government of Japan. But still
24 waiting on me to clear that through my email.

25 ROY ZIMMERMAN: Okay. Next item is

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1 closed. Robotic monitoring devices. One robot, three
2 radiation sensors, five cameras.

3 FEMALE PARTICIPANT: I do have a status
4 update on that. So that increment should be arriving
5 within hours. That status was a couple of hours old.

6 So they're arriving imminently, probably. The
7 transfer of title document has been executed. So we'll
8 provide a written update to that if you don't already
9 have that information.

10 ROY ZIMMERMAN: Yes. That would be great.

11 ALAN BLAMEY: That's good news as well.

12 RICK NEILSON: I'm sorry. This is Rick
13 Neilson. I missed that with the input on 2 Bravo. Just
14 want to add something on the group's shipment of the
15 hand detectors.

16 It looks like they'll be ready to ship to
17 several. They're going to ship by air early next week.
18 We've run into some difficulties preparing, but
19 (inaudible).

20 ROY ZIMMERMAN: Thank you. Okay. Move up
21 to five A, information on radiation shielding material
22 for vehicles.

23 RON CHERRY: Yes, this is Ron. I do have
24 a status on that. Last night the Japanese provided us
25 with some further information that we could use in

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1 evaluating the, how the equipment will be used.

2 Information that we need in order to make
3 any recommendations or give advice on shielding options.

4 And that information I forwarded back to Jay Tilden
5 (phonetic) and other people on his team, last night.

6 So we'll put those words in the next update.

7 ROY ZIMMERMAN: Very good. There's no
8 further questions we need to 5 Bravo. Radiation
9 (indiscernible, possibly "harden") cameras and gamma
10 camera. U.S. confirmed at March 26th cabinet meeting
11 that it can provide camera and distance for having gamma
12 rays. PUE to send five cameras and one gamma cam.

13 RON CHERRY: That's all with the robots.

14 ROY ZIMMERMAN: Okay. Should we roll this
15 in with the other item?

16 RON CHERRY: We probably could. But I
17 think we were doing so much rolling we just -- That
18 this was a relatively minor issue.

19 ROY ZIMMERMAN: All right. This also
20 should be arriving very shortly.

21 RON CHERRY: It should be arriving with the
22 robot, correct.

23 ROY ZIMMERMAN: Very good. Okay. We've
24 got several closed items. That takes us to KI
25 preparation, item 18. Currently tied up with

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1 Government of Japan legal. Any update?

2 RON CHERRY: This is Ron. I have no update
3 on that.

4 ROY ZIMMERMAN: Whose action is this?

5 ALAN BLAMEY: That is with USAID at this
6 point in time. And on the call last night, I think if
7 I recall it was used in the example where everybody's
8 agreed to it, but it is exactly what it says. It's tied
9 up with legal between both Governments.

10 ROY ZIMMERMAN: Okay. Do we need to ping
11 on anybody?

12 ALAN BLAMEY: I think we're fine. They're
13 pursuing it. It's just one of those things that are
14 frustrating.

15 ROY ZIMMERMAN: Okay, 24, medical triage.
16 It shows open. It says, decontamination capability.
17 Yes, it looks like a variety of departments had a role
18 in this. Can anybody update this item?

19 RON CHERRY: This is the medical team,
20 right Alan?

21 ALAN BLAMEY: What was that, Ron?

22 RON CHERRY: This looks like it's again
23 USAID and the medical team that's been here at the
24 embassy. I don't think we have people on this call to
25 update it.

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1 ALAN BLAMEY: Yes. I believe that's
2 correct.

3 CAPTAIN FROELICH: Excuse me, this is
4 Captain Froelich (phonetic) from the embassy. I do have
5 a question on this. Because in the comments you say
6 that the Seabrook (phonetic) team was provided for this
7 purpose.

8 Who provided that comment? Right now
9 Seabrook is not being used for this. And I don't think
10 we have authority to execute Seabrook in that manner.

11 ALAN BLAMEY: (Inaudible) the call again
12 last night. I think that's the same explanation I heard
13 on that call. But I think probably what we have to do
14 here is question that particular Seabrook function.
15 And that should be resolved I would say by Bill in USAID.

16 RON CHERRY: Well why don't we just make
17 that a comment that we need to clarify it?

18 ALAN BLAMEY: Yes. That would be fine.

19 ROY ZIMMERMAN: I'm just trying -- If we
20 know some of the individuals that we need to get the
21 updates, and they're not able to participate in the call,
22 does it make sense to make some of these calls earlier
23 in the day to be able to get the feedback? So we have
24 them for when we get together on these calls.

25 ALAN BLAMEY: Yes. I think, Roy, I think

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1 this was, I don't want to say a glitch. But like I said,
2 he was up on a phone call late last evening.

3 ROY ZIMMERMAN: Okay.

4 ALAN BLAMEY: So my guess is it's kind of
5 unusual. Because he has been making the calls this
6 week. I think we finished up about 11:30 p.m. 12:00
7 a.m. last night.

8 ROY ZIMMERMAN: Okay. I'm not trying to
9 push too hard. I'm just trying to push it a little bit
10 here.

11 ALAN BLAMEY: No. It makes sense.

12 ROY ZIMMERMAN: Okay. The next open item
13 is a distinguishment coolant issue. Alan to verify with
14 Government's panel what is exactly needed in this
15 request.

16 ALAN BLAMEY: Yes, I have to -- As I said
17 before this is the same status as the other one. We
18 need to clear the email to the Government of Japan.
19 However, like I said before, it does not appear that
20 this is going to be a priority for them at this point.

21 But we need to clear the email and get feedback from
22 the Government of Japan.

23 ROY ZIMMERMAN: All right. And then we may
24 close the item?

25 ALAN BLAMEY: We may very well close the

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1 item, unless it turns into an actionable item.

2 ROY ZIMMERMAN: Okay, 26, incorporate PNL
3 (phonetic) into crisis management dialogue. PNL team
4 in Tokyo and providing support. Mine shows open. But
5 I thought we decided to close this. Why did we leave
6 this open?

7 RON CHERRY: Why don't we close it.
8 Because PNL has been attending the crisis management
9 meetings. My personal opinion is that this is a good
10 example of one of these non specific actions. From
11 where I sit -- Alice, correct me if I'm wrong about
12 this. But I think PNL is part of the process that's
13 been done. We can close it.

14 ROY ZIMMERMAN: All right. We have
15 agreement for closing it?

16 ALICE CAPONITI: Yes.

17 ROY ZIMMERMAN: Okay, 27, U.S. cooperation
18 in bringing private sector engineers into shielding
19 working group.

20 ALAN BLAMEY: That's, you left this as an
21 action for Alan Blamey. And I just need to work with
22 INPO. I'm not sure if they've already provided names
23 or not. They may have. But I'll work with them.

24 RON CHERRY: Alan, this is Ron. Just one
25 question for clarification. In this context, shielding

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1 is referring to the group that's talking about
2 containment or confinement of the facility, right?

3 ALAN BLAMEY: And that's what I wasn't sure
4 of. Because if it's the confinement then we already
5 have somebody, we have one of our people participating.

6 RON CHERRY: Right.

7 ALAN: And I'm not aware, through that
8 participation, if they were requesting specific people.

9 RON CHERRY: Right. This is, just for the
10 larger group, for anyone who doesn't already know this.

11 So we have these different project teams, one of which
12 has been called shielding. But that as I understand
13 it is dealing with the facilities. Basically how to
14 cover them one way or the other. Whereas --

15 ALAN BLAMEY: Yes. And I think once again,
16 we're checking with people that are in that group. And
17 secondly we'll also work on clearing this with the
18 Government of Japan, to see if other specific items --

19 ROY ZIMMERMAN: Okay.

20 ALAN BLAMEY: that they're looking for
21 here.

22 RON CHERRY: Right. Because the other
23 thing I was going to say is that things like shielding,
24 as in shielding for vehicles and so forth, has been
25 brought up in the context of this remote control robotics

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1 project team.

2 And so there's been some confusion in the
3 past. I think from time to time on what kind of shielding
4 are we talking about, and where are we talking about
5 it. So Alan, do you have anything else you want to add
6 on that?

7 ALAN BLAMEY: (Inaudible), and the only
8 thing that I'll add, I really think 27 and perhaps 29
9 are tied together. Because I think what they're looking
10 for here are, you now, large scale help in shielding
11 portions of the reactor building and things like that.

12 I know we've done a structural analysis,
13 which had a lot of uncertainty with it, because of lack
14 of data that's available on the building. But I really
15 think these two are tied together, 29 and 29.

16 And I, you know, at this point in time I
17 don't know of any specific requests from the Government
18 of Japan that's urgent in nature. So we do have people
19 in the working groups.

20 And we need to continue our dialogue there
21 to see if there's any specific needs. And at the same
22 time, this is one of the items that I have an email to
23 go back to NISA to ask if they have any updates on it.

24 RICK NEILSON: This is Rick Neilson from
25 INPO. There's an aspect of this that we have a question

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1 on. And that's the private sector engineers. Is there
2 anything that INPO can do to help in that? If there's
3 a need for private sector engineers, if we could help
4 in that area we'd be pleased to.

5 ALAN BLAMEY: Yes. And we'll check as
6 well. Because I believe the next working group is at
7 2:00 p.m. Japan time on Monday. So I'll have our member
8 talk with the group to see if they still have that need.

9 Because they've been going out to private
10 sector and reaching out to get that support. So the
11 Government of Japan may already have what they need in
12 this case.

13 RON CHERRY: This is Ron. And it appears
14 that pretty much all of the other action items are NRC.

15 And so if DOE Japan isn't needed any further, I'm going
16 to jump off. I have to make another call.

17 ROY ZIMMERMAN: Thank you for
18 participating.

19 RON CHERRY: Certainly. Thank you.

20 ROY ZIMMERMAN: Okay. Alan, you were
21 indicating on 29 that it's similar status as 27.

22 ALAN BLAMEY: Yes.

23 ROY ZIMMERMAN: Okay. So we'll move on.

24 ALAN BLAMEY: Okay. And it has to be 29
25 B as well.

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1 ROY ZIMMERMAN: Okay.

2 ALAN BLAMEY: We've done the, that would
3 be the gross analysis that I talked about, which is
4 really for stability of containment and the
5 configuration that it's in now. And that analysis has
6 been done. But we're trying to understand if they need
7 any additional analysis or expertise.

8 ROY ZIMMERMAN: Okay. We'll wait to hear
9 back.

10 ALAN BLAMEY: Okay.

11 ROY ZIMMERMAN: Thirty-one's closed,
12 32, (indiscernible, possibly "Team Hitachi") is
13 following up with a nitrogen purge issue analysis.

14 ALAN BLAMEY: Yes. We have had it in the
15 queue down here for the NRC team to review. And I really
16 hope that this afternoon it will be quiet, that everybody
17 can sit down and start going through the analysis. I
18 think that that's the fourth on our priority list to
19 look at.

20 ROY ZIMMERMAN: Okay. And they're not
21 available for this call anyway. Now 33 --

22 ALAN BLAMEY: Thirty-three is ongoing.

23 ROY ZIMMERMAN: Okay.

24 ALAN BLAMEY: And 34, okay, that's the
25 (indiscernible, possibly "oat pads") can be used for

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1 purge. Yes, I believe that's in the analysis that we
2 reviewed by (inaudible) and we forwarded it back to
3 headquarters to have them take a quick look at it in
4 preparation to turnover. Thirty-five, yes that's
5 ongoing as well. A lot of these are really just ongoing
6 with NISA and TEPCO and the work we're doing there.

7 ROY ZIMMERMAN: All right. So we'll
8 continue to leave them open?

9 ALAN BLAMEY: That will be fine.

10 ROY ZIMMERMAN: All right. The next page,
11 looks like the items are closed. We did a number of
12 those yesterday.

13 ALICE CAPONITI: This is Alice Caponiti at
14 Department of Energy. I had a question. Because when
15 the list got merged these tasks sort of on this thing
16 weren't, they weren't being tracked previously on the
17 list that we had been using for the last two weeks or
18 so.

19 But it wasn't clear to me for items 33 to
20 35. Are these requests of the Government? Because in
21 parentheses on the description it says RST request.
22 And it wasn't clear whether these were ours to request
23 for information or RST is satisfying this request.

24 ALAN BLAMEY:

(b)(5)

25 (b)(5)

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(b)(5)

ALICE CAPONITI: Okay. But what I said on this morning's -- We have an eleven o'clock call, the technical consortium group, is that Department of Energy is conducting analyses that may be informative for these items.

And I said that I would see then whatever analyses that our national laboratories are performing on these topics. And through RST, just for consideration if it brings any, you know, if it adds any value please consider them. I was just going to make sure that we got any relevant analyses sent in the direction of RST.

ALAN BLAMEY: Excellent. I think that would be very beneficial. And you could probably either send that to, you know, our staff here at Japan, or we could forward that directly to the RST. I'm not sure, you know, what's going to work easiest for DOE.

ALICE CAPONITI: Okay. Well we have a venue through the RST-01 email address that tends to

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1 coordinate the eleven o'clock calls stateside. Do you
2 get, are you on that routing as well? Or is there another
3 email address that would be useful to send information
4 to.

5 ALAN BLAMEY: No, no, that's fine. I'm
6 sorry. I wasn't aware that you guys were on the eleven
7 o'clock call. The eleven o'clock call that the RST has
8 is with the other consortium members.

9 That is the exact place that these, your
10 analyses, should be moved in to the RST. So that's fine.
11 Stay with that venue. And then it's done, it's the
12 headquarters RST. And then they include it in the
13 analysis, and then that's what we finally see.

14 ALICE CAPONITI: Okay. Great.

15 ROY ZIMMERMAN: Okay. I think we've
16 worked our way through the list. I think we've made
17 some progress in updating some items. So I thank you
18 for that.

19 Are there any other comments about what we
20 just did, associated with the list? Or the method by
21 which we go about this? And then I think we need to
22 talk about whether we see a benefit in having similar
23 calls over the weekend, or to pick it up next week.
24 And I would leave that decision up to you all.

25 ALAN BLAMEY: Well this is Alan at embassy

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1 Tokyo. I guess the thought that I would have for us
2 is Saturday morning here. And I don't believe from what
3 I'm seeing that we're going to have any substantial
4 updates from the Government of Japan, you know, over
5 the next probably 24 to 36 hours. But I'm not sure with
6 the work that DOE was doing, if they're going to see
7 any significant movement with that.

8 RICK NEILSON: This is Rick Neilson from
9 INPO. What I would suggest is that if there is any
10 change, and if they have major items, that that email
11 address list just gets updated with an individual email
12 on each thing that we should note. So probably there
13 wouldn't be any updates. But if something is important,
14 that would be a good way to get the word out without
15 having a meeting.

16 ALAN BLAMEY: Yes. And I guess I would
17 question the next meeting. Should we skip one meeting?

18 Or should we skip two meetings? I would definitely
19 say one meeting, which would be the next meeting we
20 should skip.

21 But coming back into that following
22 meeting, which would be for us Monday morning, I'm not
23 sure a lot is going to be ready to roll by Monday morning.

24 But, you know what, if we do it it may be very quick
25 anyway. So let's plan on --

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1 I would recommend that we have a meeting
2 Monday morning, which I think would be Sunday night.

3 And that would probably be, you know, just a very quick
4 update of any changes.

5 ROY ZIMMERMAN: Does that work for
6 everybody? All right. Hearing no objection we'll next
7 talk at 20:00 eastern time and we'll try to move through
8 the items in rapid fashion. Anybody have any other
9 comments that they'd like to offer before we wish you
10 a pleasant weekend?

11 ALAN BLAMEY: Yes. And I'm sorry, this is
12 Alan. The 20:00 would be your Sunday evening, correct?

13 ROY ZIMMERMAN: That's correct.

14 ALAN BLAMEY: Okay. Good.

15 ALICE CAPONITI: One question really.
16 I'll be sending some written updates. Do we expect to
17 get another list in time for that call? Or should we
18 just work off the same list?

19 ROY ZIMMERMAN: Yes. We'll have an
20 updated list sent out.

21 MALE PARTICIPANT: She can get those
22 updates. She said she (inaudible).

23 ROY ZIMMERMAN: Could you remind us where
24 you're going to send your updates, please.

25 ALICE CAPONITI: I was going to use the

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1 LIA01 address.

2 ROY ZIMMERMAN: Okay.

3 ALICE CAPONITI: Is there a better address
4 that we should be using?

5 MALE PARTICIPANT: LIA08?

6 ROY ZIMMERMAN: Zero eight.

7 MALE PARTICIPANT: Zero eight.

8 ROY ZIMMERMAN: Yes. Instead of zero one,
9 zero eight.

10 FEMALE PARTICIPANT: Dot HOC, H-O-C at NRC
11 dot GOV.

12 ROY ZIMMERMAN: Did you catch all that?
13 Alice, did you catch all that? Or are you sorry you
14 asked?

15 ALICE CAPONITI: I got it, thanks.

16 ROY ZIMMERMAN: Okay. Thank you. Any
17 other comments or questions? Thank you again for your
18 participation. And we'll chat again on Sunday night.
19 Good night, now. Or good day.

20 ALICE CAPONITI: Good night.
21

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1 (CONFERENCE CALL INITIATED)

2 0(40SLH_13765094

3 MARTY VIRGILIO: This is Mary Virgilio.
4 Is the HOO on the line?

5 HEADQUARTERS OPERATIONS OFFICER: This is
6 the Headquarters Operations Officer.

7 MARTY VIRGILIO: Okay. Let's review the
8 events.

9 JAMES WIGGINS: Marty, this is Jim Wiggins
10 in the ET room. You're going to get part of the, most
11 of the response team here too, listening to the events.

12 MARTY VIRGILIO: Okay. And, Jim, really
13 the reason I wanted to get you and the response team
14 on the line this morning is, once we finish events what
15 I want to talk about is priorities for today and the
16 weekend.

17 And I also want to talk about the shut down.

18 So I want to make sure that everybody that's working
19 over there is aware, and we can pass from shift to shift
20 --

21 JAMES WIGGINS: Okay, what --

22 MARTY VIRGILIO: -- whatever information
23 we need to pass along.

24 JAMES WIGGINS: All right. What you need
25 to know is my general modus operandi is that at 8:00

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1 a.m. to have a crew meeting, a shift meeting like they
2 do at the plant.

3 MARTY VIRGILIO: Yes.

4 JAMES WIGGINS: You'll be addressing the
5 entire crowd, okay.

6 MARTY VIRGILIO: Okay. Good enough.

7 JAMES WIGGINS: All right.

8 MARTY VIRGILIO: All right. Let's go with
9 the events for operations officer.

10 DONG PARK: Good morning. This is Dong
11 Park. Just have one thing to cover this morning. (b)(5)

(b)(5)

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18 MARTY VIRGILIO: Okay.

(b)(5)

19 (b)(5)

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25 JAMES WIGGINS: Marty, it would probably

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1 be best if Region IV does that.

2 MARTY VIRGILIO: Okay. Well good. I
3 agree that we got to get the Region IV folks going.
4 But I'm not sure that they're awake yet. And I don't
5 want to wake them up for this.

6 JAMES WIGGINS: Yes. Well you want us to
7 do it? Or you want your guys to do it?

8 MARTY VIRGILIO: We can -- You want to
9 follow it from there? I mean, we can close the loop
10 with our headquarters public affairs.

11 JAMES WIGGINS: Okay. I prefer -- My
12 part is Japanese response really.

13 MARTY VIRGILIO: Right.

14 JAMES WIGGINS: I'd prefer not to. I was
15 just saying that if you didn't have anybody there to
16 remember it, we could do it.

17 MARTY VIRGILIO: Okay. We've got it.

18 JAMES WIGGINS: Okay. Because they'll be
19 up in an hour in IV. They're usually around six o'clock,
20 I was able to raise them.

21 MARTY VIRGILIO: All right. Well Glenn
22 will follow up. We've got it from here.

23 MALE PARTICIPANT: It's 7:00 a.m. there,
24 Marty. They're up. They're not now. We're here in
25 Texas. Art Hal (phonetic) will be there. If you want,

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1 just have somebody call Art.

2 MARTY VIRGILIO: All right. Glenn will do
3 that. Okay. Anything else on events before we move
4 on? Okay. Last night about 8:00 p.m. we had several
5 discussions with the site team in Japan, and several
6 interactions with the Chairman that led up to that.

7 So I want to talk about two things this
8 morning. One is our response to the events in Japan
9 and where that's going to take us. And then I want to
10 talk about the shut down.

11 So let me talk first about the response to
12 the conditions in Japan. Where I was, probably last
13 week, growing optimistic about seeing another federal
14 agency step in, that doesn't appear to happen. I was
15 very optimistic that Department of Defense was going
16 to step in and take a leadership role in Japan. And
17 that's not apparently going to happen.

18 I was then very optimistic that Department
19 of Energy was going to step and take a leadership role
20 in Japan. And that's obviously not going to happen.

21 So that creates a vacuum that the Chairman and I and
22 Chuck have all discussed. And it means that at least
23 for the near term we will be the lead federal agency
24 in Japan in responding to the reactor event.

25 I recognize there are a lot of other people

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1 there. There are a lot of other things ongoing in terms
2 of responding to the general disaster and tsunami and
3 everything else.

4 But we focus on the reactors, while we
5 continue to get support. (b)(5)

6 (b)(5) On this issue, we
7 still are the ones being looked at as accountable and
8 responsible by the Ambassador in Japan and the
9 Government of Japan.

10 That said, what I think we're going to be
11 seeing is an expansion of the site team. Chuck and I
12 talked with the Chairman last night. And actually I
13 pushed back on Chuck a little bit, which I hate to do.

14 Because I know the stress he's under, being in Japan.

15 But I think we came to an agreement about
16 an 11 person team in Japan. That the team members would
17 serve for three weeks each. And that one of our high
18 priorities right now is to look for a replacement for
19 the team members that are coming out.

20 And also, that includes Elmo, in terms of
21 a replacement for Elmo. Now while we have in the past
22 set the targets for Elmo and Chuck at a very high level
23 in our organization, we're running out of people at that
24 level. And so what Michelle and I have talked about
25 is an alignment around --

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1 We're going to be looking for, probably
2 division directors. To develop a list of division
3 directors that could go in and replace Elmo. They'd
4 need to have the broad perspective and the interpersonal
5 skills.

6 And I think we've got a lot of candidates
7 to select from. So that's sort of where we're going
8 there. Chuck is very interested in having people that
9 can speak about radiation protection. In dealing with
10 the public, there are town hall meetings and other
11 activities that are ongoing there.

12 But he doesn't need people that really, that
13 are the PMT types, that could run calculations and look
14 at things like evacuation zones, and other things like
15 that. I would rather run that through headquarters.

16 And I think we came to a meeting of the minds
17 around that last night. I would really like to pull
18 back all of the protective measures activities to the
19 headquarters, to the operations center. And as we
20 overwhelm the operations center, or if we do, we go back
21 to the line organization, and use those resources.

22 We're going to be developing a document for
23 the Chairman to sign today. And I want to do two
24 documents. And one is a memo from him to Bill. And
25 the other one is a memo from Bill to him, that says

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1 essentially the same thing and has a signature block
2 at the bottom.

3 Essentially what we're going to do is, we're
4 going to follow the lead of the document that Michelle
5 and the staff developed on staffing for the operations
6 center.

7 That takes us from where we are today, which
8 is a roughly 30 person per shift crew, down to six persons
9 per shift, per crew. Three shifts, so that's 18 people
10 on a given day, will be assigned to the operations
11 center.

12 And I don't know how many shift crews we
13 want to stand up, whether that be three or five. I leave
14 that to your discretion, Michelle, as to how we want
15 to do that. But we'll go down to a minimum set in the
16 operations center.

17 It will be heavily weighted toward reactor
18 safety. But will include protective measure and
19 liaison folks as well. So it will be one
20 (indiscernible, possibly "FDS") person in the
21 operations center. And I'm looking at -- We'll look
22 at a list of candidates that could do that job.

23 Now I need to get his signature on this.

24 And last night when he and I met he was agreeing. So
25 he's the Chairman. But I still haven't closed the deal.

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1 So that's going to be a priority today to get him to
2 sign that document, whichever one he chooses to sign.

3 Now I'm looking at Dan. And Dan's going
4 to take the lead at just drafting -- It's really cutting
5 and pasting what Michelle had put together in terms of
6 the plan, and putting it into two different formats.

7 Okay. Now this is for Jim. And this is
8 for you and the crew. I see our priorities for today
9 is trying to influence the agenda for the Deputy's
10 meeting on Monday. And being fully prepared, having
11 the Chairman fully prepared for that Deputy's meeting.

12 (b)(5)
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(b)(5)

You guys define it in the operations center.

I don't want to dictate that from here. And I think Brian and I were fairly well aligned when I left the ops center last night. (Inaudible) Phase 1 stable net and Phase II stable net is good to go.

JAMES WIGGINS: That was Holian, the Brian you mentioned?

MARTY VIRGILIO: Yes.

JAMES WIGGINS: Yes, we've got about three Brians on the watch.

MARTY VIRGILIO: Okay.

JAMES WIGGINS: Yes. That's just on the FDS. Okay.

MARTY VIRGILIO: (b)(5)

(b)(5)

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1 (b)(5)
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11 (b)(5)

12 MALE PARTICIPANT:

13 (b)(5)

14 MARTY VIRGILIO: Right.

15 MALE PARTICIPANT: It's a conscious
16 decision they have to make. I don't think the NRC should
17 let the clock run out --

18 MARTY VIRGILIO: Okay.

19 MALE PARTICIPANT: They have to make a
20 conscious decision.

21 MARTY VIRGILIO: Good. Well then that is
22 another agenda item for the Deputy's meeting then, to
23 --

24 JAMES WIGGINS: The last I heard on this,
25 Marty, we were actually waiting to see the State
Department document.

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1 MARTY VIRGILIO: Okay. So now what we're
2 going to do is we're going to push that through the
3 Deputy's meeting on Monday.

4 FEMALE PARTICIPANT: Okay.

5 JAMES WIGGINS: All right.

6 FEMALE PARTICIPANT: Yes, well the PMT has
7 a draft document that was sent to the State Department,
8 or the Ambassador. And we're waiting to see the final
9 document that the Ambassador is going to use.

10 JAMES WIGGINS: That's the one (inaudible)
11 we commented?

12 FEMALE PARTICIPANT: Yes, we commented on
13 it.

14 JAMES WIGGINS: Okay.

15 MARTY VIRGILIO: (Inaudible) we need. And
16 I think the stability document could be combined into
17 some of these other documents. We would need these
18 ready for the Chairman for the next Deputy's meeting,
19 which I think is Monday morning.

20 JAMES WIGGINS:

(b)(5)

21 (b)(5)

22
23 MARTY VIRGILIO:

(b)(5)

24 (b)(5)

25 JAMES WIGGINS:

(b)(5)

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(b)(5)

FEMALE PARTICIPANT:

(b)(5)

(b)(5)

MARTY VIRGILIO: Yes.

FEMALE PARTICIPANT: Right? Okay.

MARTY VIRGILIO: Yes. Now we may not be ready to implement all of that, you know, on Monday. But what would the criteria be?

FEMALE PARTICIPANT: Okay.

JAMES WIGGINS: We have some of that.

FEMALE PARTICIPANT: Yes.

JAMES WIGGINS: We had the grab and go before. We had the permanent relaxation before. That evolved a little bit further. Trish Milligen has the last one to that.

FEMALE PARTICIPANT: Yes.

JAMES WIGGINS: Okay.

MARTY VIRGILIO: Jim,

(b)(5)

(b)(5)

JAMES WIGGINS:

(b)(5)

MARTY VIRGILIO:

(b)(5)

(b)(5)

JAMES WIGGINS: Right.

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1 FEMALE PARTICIPANT: Yes.

2 JAMES WIGGINS: Understood.

3 MARTY VIRGILIO: So that's success for the
4 Deputy's meeting on Monday. (b)(5)

5 (b)(5)

6 (b)(5)

7 JAMES WIGGINS:

8 (b)(5)

9 MARTY VIRGILIO: Okay.

10 JAMES WIGGINS: And see if we can get some
11 commitment from them to work with us on it.

12 MARTY VIRGILIO: And if you need the
13 chairman's help, let me know.

14 JAMES WIGGINS: If we need (b)(5)

15 (b)(5)

16 MARTY VIRGILIO: Right. That's --

17 JAMES WIGGINS: (b)(5)

18 (b)(5)

19 MARTY VIRGILIO: Okay.

20 JAMES WIGGINS: And we'll talk to the staff

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(b)(5)

MARTY VIRGILIO: Okay.

JAMES WIGGINS: Okay. That we can do.

MARTY VIRGILIO: All right. Now continue to support Chuck and the site team on a few emerging safety issues today. And when I left the ops center last night it was slurry mix into the spent fuel pools.

So I don't know what else he's got going.

But, you know, that's going to be a priority. And then the final priority I have, I think for the site team is developing a preparation so that Chuck can brief Hillary Clinton, if she does in fact show next Sunday.

And you should have an outline for that presentation.

JAMES WIGGINS: The presentation Chuck needs to make to the Secretary?

MARTY VIRGILIO: Yes.

JAMES WIGGINS: Okay.

MARTY VIRGILIO: I saw a draft of it at one point this week. So you all must have it as well. It probably wasn't labeled for the Secretary of State, okay.

JAMES WIGGINS: Well I hope it's in one of the systems.

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1 FEMALE PARTICIPANT: Yes, I have one.

2 JAMES WIGGINS: Okay. Somebody admitted
3 to having it.

4 MARTY VIRGILIO: Okay. All right. Other
5 things Fukushima today, we're going to be supporting
6 the Chairman. He's going to have a conversation with
7 the ACRS Chair.

8 (b)(5)
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13 And I went in and I talked with the Chairman.

14 And he's going to have a phone call with the Chair of
15 the ACRS later today. What I'd like our staff to do
16 is follow up. Get a sense of when that phone call is
17 and see if we can develop some talking points to support
18 the Chairman. If it's early this morning we're probably
19 not going to have the time to do that.

20 JAMES WIGGINS: You were facing your own
21 staff with that, right?

22 MARTY VIRGILIO: Yes, I am.

23 JAMES WIGGINS: Okay. Thank you.

24 MARTY VIRGILIO: All right. So we'll do
25 that. It appears the pace around the FOIAs and

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1 congressional letters are increasing. And so that's
2 another one where I look back here, Jim. That's not
3 an operations center issue. But we'll be --

4 JAMES WIGGINS: Yes. I think there's at
5 least a meeting already set up to talk about approach
6 to FOIAs overall. Because I told -- I had that as an
7 answer item, not a response item. I asked Amy to set
8 it. I thought I saw it somewhere. In fact, I seem to
9 recall I got to come in or stay in next week after a
10 mid shift.

11 MARTY VIRGILIO: Jim, I think it's Tuesday
12 at 10:30 a.m.

13 JAMES WIGGINS: Tuesday, 10:30 a.m.

14 MARTY VIRGILIO: It will be up here.

15 JAMES WIGGINS: That's you, Darren, right?

16 DARREN: Yes, I'll be there.

17 JAMES WIGGINS: Yes. I think you're a key
18 guy on this one.

19 DARREN: Yes.

20 JAMES WIGGINS: Because especially if you
21 kind of take the action that I think we ought to do.
22 You're going to have to say it's all right, you know,
23 to organize the team or something like that to do it.

24 DARREN: Okay.

25 MARTY VIRGILIO: And I would just say that

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1 there's a new twist to some of the congressional
2 questions I'm seeing. And that has to do with why we're
3 doing what we're doing today. Why are we behaving like
4 this is an emergency when this event is off shore. And
5 we continue to assert that the nuclear power plants in
6 this country are safe.

7 JAMES WIGGINS: That's good you brought
8 that up. There's an email from Dave Decker to Brian
9 McDermott and others, trying to organize the staff
10 briefing for a Senate committee. That they're
11 expecting there's going to be maybe 11 staffers.

12 Their probing into -- It seems to have two
13 tacts in it like overall ET, which could be, where are
14 we going given the Japan event. And there seems to be
15 an element of why are we doing what we're doing with
16 Japan?

17 MARTY VIRGILIO:

(b)(5)

18 (b)(5)

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21
22 JAMES WIGGINS: My point is, we should not
23 approach this Monday staff briefing as just a run of
24 the mill, we're just going to go down and talk to the
25 staff about stuff.

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1 MARTY VIRGILIO: Right. Thank you.

2 JAMES WIGGINS: We need to prevent us from
3 having an ex corps phenomena again, like last time.
4 We do understand that this is a significant opportunity
5 for us to make a mistake if we're not careful.

6 MARTY VIRGILIO: Absolutely, Jim.

7 JAMES WIGGINS: If you need some help on
8 your -- Now McDermott's doing that as NNSA. If you
9 need some help from your end to try to organize or
10 pre-meet, or scheme with Brian and probably Trish
11 Milligen and Dave Decker and Amy, and whomever.

12 You know, because we've got -- There's
13 several sides to this, right. It's not just -- Don't
14 forget the side about what the Chairman's going to the
15 Deputy's meeting with. And we don't want to undercut
16 -- You know, we don't want to have him pushing one thing
17 there and have us saying something else at this thing.

18 MARTY VIRGILIO: Right. That's why I've
19 brought everybody together today for this meeting.

20 JAMES WIGGINS: Okay.

21 MARTY VIRGILIO: We really do need to be
22 aligned around this issue. It's very significant.

23 JAMES WIGGINS: Okay.

24 MARTY VIRGILIO: Because we do have, you
25 know, I could see how somebody standing outside the

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1 agency could be asking that question.

2 JAMES WIGGINS: All right. Could you --

3 MARTY VIRGILIO: We have to make sure that
4 we have an agreement internally as to why we're doing
5 what we're doing.

6 JAMES WIGGINS: Could you have one of your
7 staff get with McDermott and try, and with Dave Decker
8 and try to organize that?

9 MARTY VIRGILIO: Yes,

10 JAMES WIGGINS: Okay.

11 MARTY VIRGILIO: Definitely. And that
12 same person, or that same message has to be what the
13 Chairman communicates back to the ACRS. And that we
14 all communicate to the stakeholders who raise concerns
15 about why we're doing what we're doing.

16 JAMES WIGGINS: Yes. I think the 50 mile
17 evac decision's going to come up too.

18 MARTY VIRGILIO: In that context it may.

19 JAMES WIGGINS: Yes. I wouldn't be
20 surprised that it didn't from both. You got one side
21 that says, shouldn't you be fighting for 50 stateside.

22 And then another side saying that you really over do
23 it.

24 (b)(5)

25
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(b)(5)

MARTY VIRGILIO: And, you know, it's great to Monday morning quarterback this.

JAMES WIGGINS: I thought Roland's answer that got in the trade press was great.

MARTY VIRGILIO: Yes.

JAMES WIGGINS: You had to make a decision based on what we had.

MARTY VIRGILIO: Exactly.

JAMES WIGGINS: And any decision is better than none.

MARTY VIRGILIO: Yes.

JAMES WIGGINS: I really liked that one.

MARTY VIRGILIO: I agree.

JAMES WIGGINS: I think that actually reflects what was really happening at the time.

MARTY VIRGILIO: And we just need to make sure that everybody understands that, and can communicate that consistently. All right. Moving on to the shut down.

We're going to have to be pulling several

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1 triggers today, and several more on Monday, with respect
2 with where we are today. We're going to be pulling a
3 trigger to terminate travel. I mean, if it's not
4 necessary to support the mission, we're not going.

5 And everybody's got to get that message
6 clearly and without ambiguity. We do a lot of meetings
7 in conferences, both domestically and internationally.

8 And while it's important, it's not
9 essential to the mission. And that's it. We're just
10 going to pull the plug on that starting today. And as
11 of Monday we'll start identifying who are the essential
12 people across the agency.

13 JAMES WIGGINS: Do you know if USAID is
14 cancelling travel too? The reason I say that is, that's
15 what's funding Chuck's guys.

16 MARTY VIRGILIO: Yes. We'll have to make
17 sure we understand that. Because that's mission
18 essential.

19 MARY: Yes. And we can pay for it.

20 JAMES WIGGINS: Yes, I know, Mary. And
21 this beginning of this conversation on this -- Several
22 weeks ago Jim Dyer was recognizing that this could
23 happen. And he recognizes that he'd have to, you know,
24 be ready to pick it up.

25 Now the other day, that adds that Jim get's

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1 brought in with the evolution that we sense was happening
2 at AID, based on changing codes being embedded down there

3 You know, as I talked to him, wondering
4 why he was back here, Jason says he'd getting a sense
5 that AID's trying to shut down, even before the
6 Government shut down.

7 They're trying to say, well we're first
8 responders, and the first response is over. If that's
9 the case then we've got 11 people hanging out in Tokyo
10 racking up a lot of bills.

11 MARTY VIRGILIO: Okay. Well we'll get on
12 it. All right. And it's a nuance I hadn't thought
13 about.

14 MARY: It kind of is what it is. And we
15 only have 29 million dollars that --

16 MARTY VIRGILIO: Yes. If we have to we
17 will. But I understand, Jim. We'll get after that too.

18 JAMES WIGGINS: Yes. But none of the
19 billing codes are there. You're going to have to fax
20 it and all yada, yada, yada, yada. You know, just think
21 of -- You don't want --

22 These guys are going to have to pay for this
23 stuff out of their own if we can't turn this money around.
24 And, you know, those vouchers are going to hole up.
25 Three weeks in Japan is not going to be easy.

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1 MARTY VIRGILIO: Yes. My credit card
2 doesn't have a limit like that.

3 JAMES WIGGINS: Well some people's bank
4 account can't handle it. And that will be playing --
5 We'll be working with the IG on people not paying their
6 cards.

7 MARY: Yes, Jim, at the OMB meeting
8 yesterday they were talking around this. Basically
9 they were trying to decide today. There was a 9:00 a.m.
10 cut off for looking at reimbursable to Japan.

11 Picking a date where everything forward is
12 being paid for by Japan, not us. There's a lot of
13 discussion. So there should be some more on that today.
14 I can talk to Jim Dyer about this whole thing
15 (inaudible).

16 MARTY VIRGILIO: Mary, what else do we need
17 to do today? (Inaudible) down.

18 MARY: We are waiting for OMB to tell us
19 what, to put our plan up on our public site.

20 MARTY VIRGILIO: We got the note from
21 Jennifer.

22 MARY: Okay. And I saw Tom Boyd.

23 MARTY VIRGILIO: Yes.

24 MARY: Because they were looking at where
25 to put it on the web. That would happen. The question

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1 would be whether we would want to do, kind of do the
2 risk around the same time as Monday when I talked with
3 (Inaudible) last night.

4 MARTY VIRGILIO: Monday for the risks.
5 Monday for the identification of who are the essential
6 personnel, works for me. Now make sure everybody
7 understands that we will operate at least for a week,
8 until we've exhausted our funds. So people need to know
9 to show up to work on Monday. We're here. Our doors
10 are open, regardless of what happens downtown.

11 MARY: And that's a biggie. We're
12 planning on sending a message out to the office directors
13 with the travel change piece of it. The question is
14 whether we want to do something like a network
15 announcement or EDO update talking to staff about the
16 travel as well.

17 MARTY VIRGILIO: That would be worthwhile.
18 I think a very brief EDO update would be good. And
19 I think if you lay out what's going to happen today,
20 and then what's going to happen on Monday.

21 JAMES WIGGINS: Just be careful it's non
22 essential travel. Because you'll have -- Otherwise
23 you'll be shutting down the base line program.

24 MARTY VIRGILIO: You need to be clear what
25 travel is going to be authorized.

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1 JAMES WIGGINS: Pardon me?

2 MARTY VIRGILIO: You just need to be clear
3 in the EDO update what travel will be authorized.

4 JAMES WIGGINS: Yes. Certainly that's the
5 to support the inspection activities --

6 MARTY VIRGILIO: Yes, mission essential.

7 MARY: But for instance, the staff we
8 wouldn't see more on Monday. And we would be
9 (inaudible) it to work.

10 MARTY VIRGILIO: Yes.

11 MARY: I don't want to get into lists.

12 MARTY VIRGILIO: Yes, get on to Monday
13 activities, right.

14 MARY: I don't really anything else that's
15 going on Monday. The risks would be published. But
16 for staff.

17 MARTY VIRGILIO: (Inaudible) on track, but
18 that's being worked right now.

19 MARY: It's already out there. It got out
20 last night.

21 MARTY VIRGILIO: Training, do you want to
22 mention training too?

23 FEMALE PARTICIPANT: Yes, I think --

24 MALE PARTICIPANT: Yes, training --

25 MARY: Training and travel.

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1 MALE PARTICIPANT: Yes. Training is
2 cancelled.

3 MARTY VIRGILIO: What about stuff going on
4 at TTC or TDC?

5 MALE PARTICIPANT: We're working that.
6 All that will be shut down. The only thing --

7 MARTY VIRGILIO: Take this off line about
8 how employees will get their notices. Mary thought they
9 might have a way to do it so people don't actually have
10 to come in.

11 MALE PARTICIPANT: That's a week later.

12 MARY: And yes, OPM's approved it.
13 They're talking with the (inaudible) about, you know
14 the --

15 MARTY VIRGILIO: Okay.

16 MARY: And we've updated the PINDA
17 (phonetic) directors and the regional people, the
18 (inaudible) as well, on tentative time tables.

19 MARTY VIRGILIO: Anything else we need to
20 talk about with respect to Fukushima or the shut down?
21 Okay. Anything else that is essential for us to talk
22 about this morning? Erik?

23 FEMALE PARTICIPANT: Not (inaudible).

24 MARTY VIRGILIO: And on my calendar today
25 there's two meetings. One was OCA, to start prepping

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1 for that. And another meeting with some congressional
2 staffers that support that hearing, that want to talk
3 with us in advance of the hearing. So, yes. That's
4 on my calendar. Two meetings. There's one before noon
5 and one after noon today. Yes. Okay. Erik, Jeff.

6 MALE PARTICIPANT: Yes. One short
7 question. After that it's (inaudible).

8 MARTY VIRGILIO: You know, I'm ready to go
9 Monday. I mean, we've got these high priority things
10 to finish. So I would think that we would need some
11 staff this weekend to work these issues.

12 As soon as we get beyond this hump, I'm ready
13 to go and set. I just need his signature. All right.
14 Nathan, anything? All right. Jim, anything else on
15 your end?

16 JAMES WIGGINS: Not right now. I think
17 you've responded -- You actually answered my email,
18 which is good. Some clarification on what the Chairman
19 needs.

20 I'm going to tell the staff to work the four
21 things as four separate papers. And then as we get
22 through the weekend, you know, there's plenty of hours
23 in the weekend if we decide to merge them into one
24 consolidated thing.

25 MARTY VIRGILIO: Right.

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1 JAMES WIGGINS: Okay. I would presume
2 though -- What do you think? The right thing is like
3 one pagers on each of these? And if there's more
4 background needed, then we have attachment kind of
5 things?

6 MARTY VIRGILIO: Yes. That's the way that
7 I -- The one that I saw on the evacuation zone I thought
8 was written that way. There was a one pager, then there
9 was a multi page document --

10 JAMES WIGGINS: I don't think it does the
11 Chairman much help to give him five, you know, a thick
12 document that he's got to summarize at the Deputy's
13 meeting. We got to get more pithy --

14 MARTY VIRGILIO: I agree.

15 JAMES WIGGINS: Get him some sound bite
16 kind of stuff.

17 MARTY VIRGILIO: Agreed.

18 JAMES WIGGINS: Okay. Do you have a by
19 when though?

20 MARTY VIRGILIO: Well you guys will be able
21 to help us with that, if you work with the White House
22 to get a better understanding about the agenda and the
23 time for the Deputy's meeting. I was just told the
24 eleventh. I just don't know if it's a morning or
25 afternoon, or what.

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1 JAMES WIGGINS: Okay. We can work that.

2 All right. That's it here.

3 MARTY VIRGILIO: All right. Thanks much.

4 LAWRENCE KOKAJKO: Hey, Marty?

5 MARTY VIRGILIO: Yes,

6 LAWRENCE KOKAJKO: Lawrence Kokajko. I
7 just got, it doesn't quite rise to the level of
8 Fukushima. But there are two bills in Congress, HR1280
9 and HR1320. We've gotten a number of people interested
10 in this.

11 And apparently some information from the
12 White House that they oppose this. That it infringes
13 upon the constitutional authority of the President.
14 I want to send this to you for your information. I've
15 already forwarded it to Margie and Nader, as well as
16 Mike Webber. And just in case it comes up.

17 MARTY VIRGILIO: Thanks a lot, Lawrence.

18 LAWRENCE KOKAJKO: Okay. Take care.

19 MARTY VIRGILIO: All right. You too.
20 Okay. That's it. We're off.

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(CONFERENCE CALL INITIATED)

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OPERATOR: There are currently 15 participants in your conference. The following people are in the conference.

HEADQUARTERS OPERATIONS OFFICER:
Headquarters Operations Officer.

MICHAEL FRANOVICH: Mike Franovich,
Commissioner Ostendorf's office.

ANN MARIE STONE: Ann Marie Stone, Regional
Duty Officer, Region III.

TOM HIPSCHEMAN: Tom Hipschman, Chairman's
office.

BENNET ALSTON: Bennet Alston (phonetic),
Panser (phonetic).

JOHN CARUSO: John Caruso, Region I Duty
Officer.

BRIAN BONSER: Brian Bonser, Region II Duty
officer.

MICHAEL SNODDERLY: Mike Snodderly,
Commissioner Apostolakis' office.

ANDREW BATES: Andy Bates, SECCY.

KEN ART: Ken Art (phonetic), SECCY.

PATRICK CASTLEMAN: Pat Castleman,
Commissioner Svinicki's office.

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1 LINDA HOWELL: Linda Howell, Region IV.

2 IWO KEY: Iwo Key (phonetic), Region IV,
3 RDO.

4 OPERATOR: Roster playback is complete.

5 TOM BOSEMAN: All right. This is Tom
6 Boseman (phonetic). Jim Wiggins had to step out. I
7 am the current liaison to the Director. Plant status
8 is essentially the same.

9 For the foreseeable future we see the NRC
10 continuing as the lead agency regarding the reactor
11 event. No other agency is stepping up to take that role.

12 We're going to continue to maintain our
13 presence in Japan. And we are looking at an approach
14 for staffing the ops center going forward that will
15 reduce the under staffing here in the ops center.

16 We have a number of documents under
17 development, the so called (b)(5)

18 (b)(5)

19
20 (b)(5)

21 Any questions?

22 PATRICK CASTLEMAN: This is Pat Castleman.

23 You said that the NRC is going to remain the lead agency
24 for the reactor event. And that no other agency has
25 stepped up. Could elaborate on that?

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1 TOM BOSEMAN: It's a de facto role. We had
2 hoped at one point that DOD would step up. They are
3 not going to do that. And then DOE, and indications
4 are that they are not going to do that. So we're just
5 continuing pretty much in the role we've had since the
6 event began.

7 PATRICK CASTLEMAN: Do we know if it is
8 because DOD and DOE don't see value in what the NRC's
9 doing?

10 TOM BOSEMAN: No, we don't know that.

11 PATRICK CASTLEMAN: Okay. Because I guess
12 what I'm confused is, (b)(5)

13 (b)(5)
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19 TOM BOSEMAN: I mean, I guess you could look
20 at it that way. I don't know that I'd interpret it that
21 way. Or maybe they're just not doing it the way we think
22 it needs to be done. I don't know.

23 PATRICK CASTLEMAN: Okay. All right.
24 Thank you.

25 TOM BOSEMAN: Mike Case wants to jump in.

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1 MICHAEL CASE: Hi folks, this is Mike Case.

2 I'm currently the Reactor Safety Team Director. I
3 wanted to do a follow up item from yesterday. And it

4 had to do with (b)(5)

5 (b)(5)
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21 TOM BOSEMAN: Okay. Thanks, Mike. Any

22 other questions?

23 MICHAEL FRANOVICH: A comment, Mike. This
24 is Mike Franovich. Good morning. Yesterday's

25 discussion about the possibility (b)(5)

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(b)(5)

And that we were taking an action. The NRC was to look at issues of heat transfer, criticality issues, and so forth. Where do we stand with that today?

MICHAEL CASE: We did a one take assessment yesterday where we looked at that issue. And, you know, the basic recommendations from, you know, (b)(5)

(b)(5)

So, you know, like I said, our assessment is over with, the site team. So we're considering that a closed item, unless the site team wants us to do some additional work.

MICHAEL FRANOVICH: Okay. That's all for -- But do you know why they were contemplating -- Is this sort of for leakage issues? Or for, you know, reducing the amount of make up water? What was the purpose behind this approach?

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1 MICHAEL CASE: It could be that. You know,
2 the whole issue of sand started very early in the event,
3 where we were worried about the zirconium fire. And
4 so it came up more in the context of, what's the best
5 way to put out a zirconium fire?

6 So that's how we got into the sand and slurry
7 type discussions. But I think it evolved into something
8 that, you know, maybe it would help slow down the leakage
9 rate.

10 MICHAEL FRANOVICH: Okay. But that seems
11 to have waned a little bit. At least our role in it.
12 Just to come back to what Pat said about lead agency.
13 I too am a little confused.

14 (b)(5)
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25 And then let me change the topic also back

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1 to the spent fuel pools again. We had a earlier request
2 for getting the guidance that the RST was developing
3 for accident management for spent fuel pool loss of
4 inventory.

5 There was a document being worked. And it
6 was shared with the in country team for comment. Is
7 that document ready to go, and to be able to share with
8 us?

9 MICHAEL CASE: Mike, it's, you know, from
10 the RST perspective and the consortium's perspective
11 it is. And that it's a pretty mature document we've
12 been working on for a couple of days. Like you say,
13 we have it over with the site team.

14 And so we just got an email in, you know,
15 a couple of minutes ago. And it just had one comment
16 on it. They wanted us to, you know, sort of change the
17 path of one. So we're not sure whether we got all the
18 substantive comments from the team yet. But it's darn
19 close.

20 So as soon as we get that it will be ready.

21 And so we just, you know, we thought the team might
22 be asleep. So that's why we didn't really think that
23 we'd do much on it on this shift.

24 MICHAEL FRANOVICH: Okay.

25 MICHAEL CASE: We would just sort of wait

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1 for the best and final from the site team.

2 MICHAEL FRANOVICH: So that's not -- We
3 would appreciate getting a copy of that to look at.

4 MICHAEL CASE: Okay.

5 MICHAEL FRANOVICH: And then also on a
6 separate part, there was a note here about (b)(5)

7 (b)(5)
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15 PATRICIA HOLAHAN: This is Trish Holahan.

16 I'm not sure -- We faxed (inaudible).

17 MICHAEL FRANOVICH: I think it's the latest
18 sit report. The NRC sit report.

19 PATRICIA HOLAHAN: Okay. Okay. I'll
20 clarify that and get back to you.

21 MICHAEL FRANOVICH: Okay.

22 MALE PARTICIPANT: I think he's talking
23 about the highlighted text --

24 PATRICIA HOLAHAN: Yes.

25 MALE PARTICIPANT: -- at the bottom of Page

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1 2.

2 PATRICIA HOLAHAN: Okay.

3 MICHAEL FRANOVICH: Okay, great. And then
4 from yesterday's quake, do we have any more information
5 about impacts on Daichi and Daini? It looks like --

6 From what I gather it doesn't look like
7 there was any physical damage. But what about the other
8 units in Japan that have lost power and have some
9 leakage, like Onagawa? Have we heard any more about
10 those?

11 MICHAEL CASE: Other than they're on
12 emergency diesels, and there was some sloshing at a spent
13 fuel pool, no.

14 MICHAEL FRANOVICH: Okay. All right.
15 I'll yield the floor, so to speak, to the others.

16 PATRICK CASTLEMAN: Pat Castleman again.
17 Do we have any more updates on the inerting of units
18 1, 2 and 3 dry wells?

19 MICHAEL CASE: Nothing past they've
20 started inerting on Unit 1. And, you know, the plan
21 was to do 2 and 3 after that. But other than that, Pat,
22 I don't have much more on it. You know, it seems to
23 be going successfully as far as we can go.

24 PATRICK CASTLEMAN: Okay. And has anybody
25 come up with an assessment of the possible likelihood

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1 of a hydrogen explosion in one of those units?

2 MICHAEL CASE:

(b)(5)

3 (b)(5)
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17 PATRICK CASTLEMAN: All right. Okay.

18 And then that gets to my next question here. Tom, you
19 mentioned that work is being done on a stabilization
20 document. Who all is involved in that? And how far
21 along is that document?

22 TOM BOSEMAN: That would be the reactor
23 safety team again, Pat.

24 PATRICK CASTLEMAN: Okay.

25 TOM BOSEMAN: And it's pretty well along

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1 in that it's been developed, it's been vetted with most
2 of the consortium. So we're still waiting for a couple
3 of organizations to get back comments on it. And then
4 that thing should be pretty much ready to go.

5 PATRICK CASTLEMAN: Well as soon as you get
6 initial round of comments, recognizing that it's a
7 draft, I think it would be really useful if the
8 commission offices could all have a copy of that, please.

9 MICHAEL SNODDERLY: Mike Case, this is Mike
10 Snodderly. I was just looking at the report for Unit
11 1 primary containment. Dry well and core pressure at
12 7.1 psig.

13 Now a few days ago I guess it was at 9, 10,
14 decreasing to 8. And then the nitrogen injection
15 started. So if the nitrogen injection has been
16 successful, then wouldn't we expect to see dry well
17 pressure rising?

18 MICHAEL CASE: That would be a good
19 assumption. I haven't particularly asked that
20 question. But --

21 MICHAEL SNODDERLY: Because it doesn't
22 look like the dry well's pressurizing. Because as I
23 said, if you look at the dry wall pressure prior to
24 nitrogen injection it was, you know, around this 7, 8
25 range.

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1 So now maybe that's a function that they
2 just started, or the injection rate. And I know you
3 don't know what that is. But anyways, I just -- I know
4 that maybe --

5 MICHAEL CASE: Mike, the only factoid I can
6 add to that is, on that particular containment TEPCO
7 has always been claiming a ten to 30 percent volume loss
8 per day.

9 And so, you know, everybody sort of
10 struggles with, how broad that particular assessment
11 is. And so that might have an affect. Obviously if
12 it's leaking that much, we really, it's hard to really
13 figure out what's going to happen with the pressure.

14 But we are looking at sort of the, you know,
15 the PV equals NRT aspects of adding nitrogen to the
16 containment, to try and figure out what the containment
17 water level is. So there is some activity in that area,
18 trying to understand better. But we just don't have
19 any answers yet.

20 MICHAEL SNODDERLY: Yes, Mike, that's
21 sounds like a great path. Because, yes, that has been
22 another question that's come up a lot. And we don't
23 have a really good feeling for what the level is inside
24 containment.

25 MICHAEL CASE: Right. I will send you that

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1 too.

2 MICHAEL SNODDERLY: Okay.

3 PATRICK CASTLEMAN: This is Pat Castleman.

4 Mike, I'm looking at DOE's sitrep from last night at
5 1800. And on the first page there it talks about the
6 nitrogen injection commencing to Unit 1 containment.

7 And operation was unaffected by today's earthquake.

8 A rise in pressure was noted inside the dry well.

9 MICHAEL SNODDERLY: Okay, good. Yes, I
10 haven't caught up on all those, you know, the various
11 statuses that are out there. This is like my first day
12 back after a little while.

13 PATRICK CASTLEMAN: I know there's a lot
14 of stuff out there to keep up on. Well, anyway --

15 MICHAEL SNODDERLY: Well then I guess the
16 action I'd like to ask at the next phone call, if indeed
17 that 7.1 psig is still right. I mean, my comments were
18 based on the morning report from the reactor safety team,
19 that it was at 7.1 psig, which I don't believe
20 corresponds to a rise. But I may be wrong. But that's
21 what I was basing my comments on.

22 MICHAEL CASE: Okay. Thanks.

23 TOM BOSEMAN: Anyone else?

24 MICHAEL FRANOVICH: Mike Franovich again.
25 I got a question. But how many people do we have in

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1 country now? At one time there was discussion of going
2 down to six, after a turnover had occurred with the
3 relief team.

4 TOM BOSEMAN: Status I saw late yesterday
5 was it will remain at 11. Oh, let me confirm that.
6 Because I'm going off of something I read when I first
7 got in this morning. But we'll confirm that.

8 MICHAEL FRANOVICH: Okay. Thank you.

9 MICHAEL CASE: Mike, my crack team just
10 faxed in a factoid about inerting. And they report that
11 the pressure in the dry well is up about 4 psig from
12 yesterday. So if you want to we'll continue to follow
13 up your question.

14 MICHAEL SNODDERLY: Again, yes. To me
15 successful nitrogen injection would mean that we're
16 seeing a rise in pressure and it's holding. And
17 otherwise the basics -- If we know how much we're in
18 -- As you said, PV equals NRT.

19 If we know how much we're injecting in and
20 we're not seeing it hold then it will help us confirm
21 that ten to 30 percent leakage per day. And help, I
22 would expect, more accurately determine how, what
23 exactly the leak is.

24 MICHAEL CASE: Okay. We'll follow up.
25 You're a containment guy. So this is your specialty.

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1 TOM BOSEMAN: I just want to let you know
2 the 11 person team was mentioned at turnover this
3 morning. To maintain it at 11 people.

4 MICHAEL FRANOVICH: Oh, is that right?
5 Wow.

6 TOM BOSEMAN: But there will be new people.
7 Any other questions? Have a great day.
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1 (CONFERENCE CALL INITIATED)

2 0(47BE%_00565094

3 MALE PARTICIPANT: I pulled a email and
4 there was a --

5 AMY: Good morning, (indiscernible,
6 possibly "NNSA", this is Amy (phonetic)

7 MALE PARTICIPANT: Yes, It's me again. I
8 got an incomplete email. I'm over back in the center
9 again.

10 AMY: Yes.

11 MALE PARTICIPANT: And I need to see penda
12 (phonetic).

13 AMY: Right.

14 MALE PARTICIPANT: Who the hell's penda
15 today? We got --

16 AMY: Either Susan -- I don't know if
17 Cindy's here, but Susan is.

18 MALE PARTICIPANT: Okay. I need her.
19 Michelle's probably up over, in overload.

20 AMY: Yes, she is. Is this about the
21 message that came from Mary Musel (phonetic) about
22 travel?

23 MALE PARTICIPANT: Yes.

24 AMY: Okay. You want Susan to come in
25 there with you?

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1 MALE PARTICIPANT: Yes.

2 AMY: I'll go get her.

3 MALE PARTICIPANT: We need to shut it down
4 I think. But I don't want to make the decision unless
5 I know all that is happening.

6 AMY: Okay. I mean, we only have two
7 people on international travel. And that's Trish and
8 Cindy.

9 MALE PARTICIPANT: Well we got to see what
10 they're doing.

11 AMY: Well Cindy's -- Okay. Because you
12 got to find out. Because they're leaving like today
13 and tomorrow.

14 MALE PARTICIPANT: Yes.

15 AMY: Or tomorrow and Sunday. Okay.

16 MALE PARTICIPANT: Well today we're
17 working. Tomorrow we might not be. That's why I need
18 to talk to her.

19 AMY: All right. I'll get her. Bye.

20 MALE PARTICIPANT: Okay. Bye.
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Official Transcript of Proceedings
NUCLEAR REGULATORY COMMISSION

Title: Japan's Fukushima Daiichi ET Audio File

Docket Number: (n/a)

Location: (teleconference)

Date: Saturday, April 9, 2011

Work Order No.: NRC-1771

Pages 1-72

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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

3 + + + + +

4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

5 + + + + +

6 SATURDAY

7 APRIL 9, 2011

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(CONFERENCE CALL INITIATED)

0(5GWR7L13765094

MALE PARTICIPANT: Okay, preparing to initiate roster playback.

OPERATOR: There are currently 21 participants in your conference. The following people are in the conference.

MALE PARTICIPANT: Headquarters Operations Officer.

MIKE FRANOVICH: Mike Franovich, Commissioner Ostendorff's office.

LINDA HOWELL: Linda Howell, Region IV.

MALE PARTICIPANT: (Indiscernible), Region II duty officer.

PAT CASTLEMAN: Pat Castleman, Commissioner Svinicki's office.

PAUL MICHALAK: Paul Michalak, FSME EO.

LAWRENCE KOKAJKO: Lawrence Kokajko, NMSS.

MIKE SNODDERLY: Mike Snodderly, Commissioner Apostolakis' office.

SCOTT DAILEY: Scott Dailey, Region III duty officer.

MALE PARTICIPANT: (Indiscernible, possibly "Tom Hipschman"), (indiscernible) office.

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1 MALE PARTICIPANT: (Indiscernible,
2 possibly "Dennis Hoffman"), (indiscernible).

3 MR. MOHSENI: Aby Mohseni, NMSS duty
4 officer.

5 MICHAEL MARSHALL: Michael Marshall,
6 Chairman Jaczko's office.

7 MALE PARTICIPANT: (Indiscernible,
8 possibly "Pat Mark"), (indiscernible, possibly "FSME").

9 BRIAN HARRIS: Brian Harris, OGC.

10 LARRY CAMPER: Larry Camper, FSME.

11 BILL ORDERS: Bill Orders, Commissioner
12 Magwood's office.

13 ELIOT BRENNER: Eliot Brenner, Public
14 Affairs.

15 JOHN CARUSO: John Caruso, Region I duty
16 officer.

17 CATHY HANEY: Cathy Haney, NMSS.

18 OPERATOR: Roster playback is complete.

19 MICHELE EVANS: Good morning. This is
20 Michele Evans. I'm the ET director for the day shift
21 today. What I'm going to do is run through some items,
22 kind of give you an update of where we are, and then
23 if you have any questions, I have the various team leads
24 here in the room who will answer your questions.

25 There were no changes of the status

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1 overnight, so Ops Center teams' priorities are focused
2 on creation of a composite document. (Indiscernible)
3 items, criteria for relaxing 50-mile EPZ, grab-and-go
4 criteria within the 50-mile EPZ, and also reactor
5 stability (indiscernible).

6 Over the last day, a document for reentry
7 into the Tokyo area was developed by the ambassador and
8 commented on by (indiscernible) Ops Center, and
9 (indiscernible) to the ambassador has provided that
10 document to the State Department.

11 Yesterday, I believe you may have heard that
12 we were preparing these documents for a potential
13 deputies' meeting on Monday. However, that meeting is
14 not scheduled for Monday. The deputies' meeting may
15 occur, there's some talk of it being next Friday.
16 However, at this point no meeting is scheduled and it
17 could potentially become, be handled and the issues
18 discussed at an Interagency Policy Committee meeting,
19 IPC, instead, that that may be sufficient for the sharing
20 of those documents.

21 And let's see, last night there was a
22 document produced from the chairman approving reduction
23 of ops center staffing. I believe some people may have
24 seen that already. Basically we had proposed reducing
25 the staff here in the Ops Center and to a level where

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1 we think we can support the site team through using a
2 core group of people here in the Ops Center and
3 (indiscernible) if needed out through the
4 (indiscernible, possibly "lines") organization. So
5 the group of us in here today will be working to implement
6 the downsizing of the Ops Center with the goal of
7 implementing that for Monday day shift.

8 We're continuing to work, actually I've
9 been the one doing it, so that's the only reason why
10 it's being done here in the Ops Center, and to identify
11 the next staff to go to (indiscernible). So I expect
12 we'll be sending additional staff early next week.
13 Probably two groups, one in early week and another
14 probably Thursday night or something.

15 And one item of interest, I'm not sure if
16 you've heard this yet, but Secretary of State Clinton
17 tentatively planning to visit Tokyo, I guess, at the
18 embassy, and Chuck will be briefing her. Right now
19 they're targeted for the (indiscernible) of April 17th.

20 That's pretty much the summary I had for
21 you today. Do you have any questions?

22 ELIOT BRENNER: Hey, it's Eliot Brenner
23 from Public Affairs. Would you please repeat what you
24 said about 50 miles? I had a little difficulty hearing
25 you.

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1 MICHELE EVANS: Sure. Okay, on the 50
2 miles, there was a composite document being created and
3 it will discuss criteria for relaxing the 50-mile EPZ,
4 and also for a grab-and-go criteria within the 50-mile
5 (indiscernible, possibly "EPF") where people can go back
6 in and claim their personal belongings and come back
7 out.

8 ELIOT BRENNER: Okay, I just wanted to make
9 sure that my bad ears did not hear that we had made a
10 decision to relax at this point.

11 MICHELE EVANS: No.

12 ELIOT BRENNER: Thank you.

13 MICHELE EVANS: Any other questions?

14 PAT CASTLEMAN: Yes. Pat Castleman. A
15 question for Eliot. Are you getting inquiries about
16 the relaxation?

17 ELIOT BRENNER: I had one query from the
18 Wall Street Journal yesterday, and that was it. And
19 it was based on a document from DOE that had a line in
20 it referencing lower radiation at the 25-mile mark.
21 And our response was that we were studying all available
22 data.

23 PAT CASTLEMAN: Okay, thanks.

24 MICHELE EVANS: Anyone else?

25 MIKE FRANOVICH: Michele, this is Mike

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1 Franovich. Good morning. The plan, the reduction plan
2 that you mentioned about the reduced staffing in the
3 Ops Center, will the reduction plan also include
4 reduction of folks over at the embassy?

5 MICHELE EVANS: At this point, the embassy
6 is going to be staffed with a team of about 11 people
7 for the foreseeable future. So what that means, the
8 group of people this week, they've been extended to three
9 weeks. We're not looking at two-week assignments,
10 we're looking at three weeks. So a week from now there
11 will be 11 individuals there for another two and a half
12 weeks, and we'll make a decision probably two weeks from
13 now with regard to the size of the group to replace them.

14 MIKE FRANOVICH: Thank you.

15 MICHELE EVANS: Yes. Anyone else? Mike?

16 MIKE CASE: This is Mike Case. I wanted
17 to do a follow-up item from yesterday. I think Mike
18 Snodderly was looking at the pressuring in the dry well
19 at Unit 1 and trying to surmise whether inerting has
20 been successful. (b)(5)

21 (b)(5)
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7 MIKE SNODDERLY: Mike, this is Mike
8 Snodderly. Thanks a lot for that, really appreciate
9 it.

10 MIKE CASE: Sure thing.

11 MICHELE EVANS: All right. Anyone else?

12 MIKE SNODDERLY: Michele, this is Mike
13 again, Snodderly. Do you have more update on the
14 possibility of adding slurry to the spent fuel pools?
15 more update on that? I guess, develop some
16 recommendations, any more --

17 MIKE CASE: This is Mike Case again. The
18 site team wanted some information on our thoughts on
19 the slurry addition. We sent that to them a couple of
20 days ago. And then the last we heard that TEPCO really
21 has no plans to do the slurry addition, and apparently
22 the Japanese defense forces are training on adding
23 slurry. So we sent that to the site team and we didn't
24 have any adverse reaction to what we sent them overnight.

25 So it's one of those things that's probably a little

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1 confusing to us, but from what we understand, TEPCO has
2 no plans of doing that.

3 MIKE SNODDERLY: Okay. Thanks, Mike. So
4 it would be fair to portray that it's just a long-term
5 possible contingency that they're thinking about it and
6 they asked for us, for some recommendations and things
7 to kind of think about or (indiscernible) kind of thing?

8 MIKE CASE: Correct.

9 MIKE SNODDERLY: That's all.

10 MICHELE EVANS: Anyone else?

11 PAT CASTLEMAN: Michele, this is Pat
12 Castleman again. Did we get any feedback from the IAEA
13 visit to the sites the other day?

14 MICHELE EVANS: No. No, we haven't.

15 PAT CASTLEMAN: Okay. Next question is,
16 it looks like the rad levels at the site boundaries are
17 declining. Do we have any indication of what the rad
18 levels are on the site near the reactors and so forth?

19 MICHELE EVANS: No.

20 CHRIS MILLER: This is Chris Miller. What
21 we have is the levels are just at the general levels
22 at the dry well and at the (indiscernible), and those
23 have also shown decreases, but we don't have any other
24 general surveys of that.

25 MICHELE EVANS: Yes.

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1 PAT CASTLEMAN: Okay. And then last
2 question is, you mentioned, you know, composite
3 documents and you also mentioned the State Department
4 documents on reentry to Tokyo. Could we get copies of
5 those to the Commission offices, please?

6 (Crosstalk)

7 MICHELE EVANS: Yes, you were coming in and
8 out. But I think you asked about the composite document
9 and the State Department document. The composite
10 document is drafted at this point --

11 FEMALE PARTICIPANT: Yes, it's not
12 finalized.

13 MICHELE EVANS: -- and it's not finalized,
14 so not ready to send that out. The State Department
15 document --

16 (Crosstalk)

17 MICHELE EVANS: Yes, we have a fax of the
18 latest, so I think we can do that. We'll forward it.

19 PAT CASTLEMAN: Okay.

20 MICHELE EVANS: And actually, what we have
21 is, we marked it Ops so I'm not sure that the final
22 document, I'm not sure if they actually saw the --

23 FEMALE PARTICIPANT: I'm not sure either
24 --

25 MICHELE EVANS: Yes.

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1 MALE PARTICIPANT: We don't know whose
2 mark-ups are on it. We have a fax.

3 MICHELE EVANS: Yes, we have a fax and it's
4 marked up, and it may have been, it's not clear if they
5 are the NRC's mark-up or it came that way, actually.
6 But we can show you what we have.

7 PAT CASTLEMAN: Okay, great. That would
8 be helpful, thanks.

9 MICHELE EVANS: All right. One last time,
10 any questions? Okay. I guess the next call will be
11 8:30 tomorrow morning, and have a good day.

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21 (CONFERENCE CALL INITIATED)

22 0 (5MC) DL13765094

23 HEADQUARTERS OPERATIONS OFFICER: Marty
24 Virgilio coming up on the bridge.

25 MICHELE EVANS: Marty?

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1 MARTY VIRGILIO: Hello?

2 MICHELE EVANS: Hello, Marty?

3 MARTY VIRGILIO: Marty Virgilio.

4 MICHELE EVANS: Yes, hi, Marty. It's
5 Michele and the rest of the directors in the --

6 MARTY VIRGILIO: Oh, good. Thanks. I
7 just wanted to let you guys know that in parallel with
8 your efforts, we're trying to deal with this lifted
9 (indiscernible, possibly "CR") and (indiscernible) for
10 traveling and training. People are calling into the
11 Ops Center and asking you.

12 MICHELE EVANS: Okay.

13 MALE PARTICIPANT: Yes, we haven't got too
14 many calls yet asking for that but we were, I have seen
15 some emails going back and forth on it so I know people
16 are interested, yes.

17 MARTY VIRGILIO: Okay. Glenn Tracy is now
18 looking to see if the TTC which we shut down could be
19 reestablished, but if people had cancelled their travel
20 orders that (indiscernible, possibly "sort of becomes")
21 a little bit complicated. Again, we could start up on
22 Monday.

23 MICHELE EVANS: Okay.

24 MARTY VIRGILIO: Just let people know if
25 you get any calls that we're working on it and we're

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1 trying to get some guidance out later today.

2 MICHELE EVANS: Okay, good.

3 MALE PARTICIPANT: Sounds good, thanks.

4 MARTY VIRGILIO: All right, everything
5 else doing okay?

6 MICHELE EVANS: Yes, things are good.
7 We're moving along. We're downsizing and staffing up
8 into (indiscernible).

9 MARTY VIRGILIO: Oh, great. So you're
10 already looking at our staffing plans here and
11 (indiscernible, possibly "blocks") lists?

12 MICHELE EVANS: Yes, we're looking through
13 it now.

14 MARTY VIRGILIO: Great.

15 MICHELE EVANS: Yes, we're going to
16 implement a six-person shift, Monday day shift, and
17 probably have six names to go to Japan today, so travel
18 likely on Tuesday, and I'm still working on the other
19 three names.

20 FEMALE PARTICIPANT: And we're still
21 working on the priorities that you gave us yesterday
22 to the documents for whatever call it is next week.

23 MICHELE EVANS: Right.

24 MARTY VIRGILIO: Good enough. I'll come
25 over probably, do we still have the 3:30 call today with

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1 the chairman?

2 FEMALE PARTICIPANT: 3:15.

3 MARTY VIRGILIO: Oh, okay, good. Thanks
4 for letting me know. I'm in my office now. I'll wander
5 over there sometime a little earlier before that and
6 maybe I'll have a chance to take a look at where you
7 are with respect to the draft paper.

8 FEMALE PARTICIPANT: Okay.

9 MARTY VIRGILIO: All right.

10 MICHELE EVANS: All right, thanks.

11 MARTY VIRGILIO: Thank you. Bye now.

12 MICHELE EVANS: Bye.

13 FEMALE PARTICIPANT: Bye-bye.

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21 (CONFERENCE CALL INITIATED)

22 0 (5UG-K_13765094

23 ROY ZIMMERMAN: Chairman, this is Roy
24 Zimmerman.

25 CHAIRMAN JACZKO: Zimmerman, how are you?

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1 ROY ZIMMERMAN: Good, how are you?

2 CHAIRMAN JACZKO: Good.

3 ROY ZIMMERMAN: I have Marty Virgilio here
4 and a number of the team leads as well.

5 CHAIRMAN JACZKO: Great.

6 (Crosstalk)

7 ROY ZIMMERMAN: Say again?

8 CHAIRMAN JACZKO: Sorry, can you hear me?

9 ROY ZIMMERMAN: Yes, I can hear you.
10 Timing okay to give you a quick rundown?

11 CHAIRMAN JACZKO: Yes.

12 ROY ZIMMERMAN: Okay, good news is that no
13 real change in plant status.

14 CHAIRMAN JACZKO: Good.

15 ROY ZIMMERMAN: Activities that are taking
16 up the majority of our time now is working on what we're
17 referring to as a composite document which is that merge
18 document that we discussed with you a few nights ago.

19 That composite document will include the aspects of
20 what does stability look like. We'll address what we
21 refer to as sort of the grab-and-go individuals that
22 are going back for their possessions and what criteria
23 should apply for protective measures associated with
24 that.

25 CHAIRMAN JACZKO: Good.

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1 ROY ZIMMERMAN: And also the criteria for
2 relaxing the 50-mile EPZ. That document is taking shape
3 quite well internally, and Naval Reactors has played
4 an active role. It will continue to work the
5 interagency. We need to get alignment with EPA and OSTP
6 on that document.

7 And then with no deputies' meeting on
8 Monday, as we discussed yesterday, if the document comes
9 together well and we get the concurrences of the other
10 federal agencies, we can probably just handle it through
11 an IPC, an Interagency Policy Committee call rather than
12 a deputies' call. If it turns out that a deputies' call
13 is necessary, that ability will probably be late next
14 week as we discussed yesterday. But the hope is, in
15 dialogue that Marty's had with (indiscernible) emails
16 that we can likely work this through an IPC call sometime
17 later next week.

18 CHAIRMAN JACZKO: Good. Sounds like good
19 progress.

20 ROY ZIMMERMAN: Yes, that's working well.
21 The other document that's been important is one we don't
22 have the lead on, which is the reentry into Tokyo, which
23 is significant for the ambassador. The Department of
24 State has the lead on that. We've seen a draft of it.
25 We've commented on it, sent it back, and we don't know

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1 asto what extent our comments have been incorporated
2 but it has been sent back to D.C., the Department of
3 State, and we're looking to try to get a copy so we can
4 see if our comments were included.

5 CHAIRMAN JACZKO: Good.

6 ROY ZIMMERMAN: So those are the major
7 documents that are at play, and the major activities
8 that we're involved with are related to that composite
9 document and that Department of State document.

10 The other major areas of focus right now
11 are the downsizing and transition here in the Ops Center,
12 looking at going from the number of people that we have
13 in the Ops Center now, which is probably in the
14 neighborhood of a couple of dozen or so, making some
15 dramatic changes down to about six people in the Ops
16 Center by Monday. Getting points of contact in the
17 offices so that we can work issues through the lines
18 rather than most of the heavy lifting being done here
19 in the Ops Center itself.

20 CHAIRMAN JACZKO: Good.

21 ROY ZIMMERMAN: As you can imagine, there's
22 a transition plan that needs to be developed to try to
23 make it as seamless as possible, and that will be
24 something that new shifts over the weekend will be fine
25 tuning to try to make that work smoothly.

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1 The situation report, the sitrep report that's
2 a six-pager that's been coming out twice a day, part
3 of the transition plan would be to scale that down to
4 issue that just once daily. Looking at doing fewer
5 commissioner assistant briefs, just a couple of times
6 a week unless something of significance occurs and then
7 we would have an impromptu call on that. But from a
8 receiving standpoint, try to bring that down from once
9 a day just down to a couple times a week.

10 CHAIRMAN JACZKO: Okay, good. And make
11 sure the interagency folks know that we're going to
12 reduce the sitreps because those have been, I think,
13 docs that could have been relied on by a lot of people.

14 ROY ZIMMERMAN: Right, that's a good point,
15 and we'll be, you know, making sure that those that have
16 been seeing it are aware of the transition and the
17 rationale for changing the approach to a lesser
18 frequency.

19 CHAIR JACZKO: Yes, thanks for that
20 (indiscernible).

21 ROY ZIMMERMAN: Plant-wise, one item that
22 I'll mention is we'll try to get a handle on this issue
23 on the Unit 4 spent fuel pool where we hear periodically
24 about the slurring that's being considered. There's
25 still the unknown in terms of whether there is water

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1 in that spent fuel pool or not. Sounds like TEPCO's
2 going to try to work a camera again to be able to get
3 a look into that pool while they're doing some additional
4 spray, just putting it on the top of the pool. It's
5 just an area of concern and unknown in terms of exactly
6 what's happening in that particular pool.

7 CHAIRMAN JACZKO: Okay.

8 ROY ZIMMERMAN: Other than that, let me see
9 what folks around the table or Marty might want to add.

10 MARTY VIRGILIO: No, thank you, Roy. Do
11 you have anything else?

12 ROY ZIMMERMAN: Any questions, Chairman?

13 CHAIRMAN JACZKO: No, it sounds like we're
14 kind of, well, I guess the word we're using is static,
15 so that's good.

16 ROY ZIMMERMAN: Yes, things are definitely
17 less dynamic than they were, you know, a week or so back
18 so it's positive development.

19 CHAIRMAN JACZKO: Good, excellent. Well,
20 work forward then on those couple of issues and just
21 make sure we let the interagency know that the sitrep
22 will go down one. And if you get any pushback on that
23 let me know and then we'll reevaluate possibly another
24 way to keep that going even if we have to reduce staffing
25 levels. But I think that will make sense to most people.

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1 ROY ZIMMERMAN: Okay.

2 CHAIRMAN JACZKO: Okay, good. Well,
3 thanks, everybody. Keep up the good work.

4 ROY ZIMMERMAN: Thank you. Have a good
5 afternoon.

6 CHAIRMAN JACZKO: Thanks, bye.

7 ROY ZIMMERMAN: Bye.

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16 (CONFERENCE CALL INITIATED)

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18 MARTY VIRGILIO: Hello?

19 HEADQUARTERS OPERATIONS OFFICER: Yes,
20 this is the Operations officer, can I help?

21 MARTY VIRGILIO: It's Marty Virgilio. You
22 were going to --

23 ROY ZIMMERMAN: Hey, Marty. It's Roy.
24 How are you?

25 MARTY VIRGILIO: All right, Roy.

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1 ROY ZIMMERMAN: We're getting some
2 feedback already with regard to moving away from the
3 sitrep, adverse reaction from DIA and PACOM and likely
4 DOE as well. Speaking back on the chairman's comments
5 for us to stay sensitive to the feedback that we get,
6 folks are indicating their reliance on the document.

7 They really use it. It aids them greatly. My
8 knee-jerk reaction to that is it doesn't take that much
9 effort to keep this thing up to date. You know, once
10 the thing was built it's just a matter of the changes
11 that we make.

12 It may be that we want to think twice about
13 moving away from it, because what it's going to take
14 to build a one-pager is probably going to be as much
15 work as just keeping this document that people seem to
16 like and just make the changes to it that we do.

17 MARTY VIRGILIO: Let's just
18 (indiscernible).

19 ROY ZIMMERMAN: Yes. I don't think we need
20 to take on that. One of the comments, I guess, was along
21 the lines of, hey, the NRC, you're on the lead on this
22 on the Japan thing and we're counting on you to do it
23 and not drop or fall and, you know, I think we're going
24 to recommend to my management that they contact your
25 chairman and dialogue it.

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1 And so what we may want to do is give the
2 chairman a call just to let him know we got some feedback,
3 and we're just going to maintain the sitrep. I think
4 the directors would agree that it just, and the team
5 directors, I don't think it's that much work to maintain
6 the --

7 MARTY VIRGILIO: (Indiscernible, possibly
8 "I think you should pick it up then at tomorrow's call.")

9 ROY ZIMMERMAN: You're breaking up, Marty.

10 MARTY VIRGILIO: Oh. Roy, I don't think
11 you need to make a special call to him. I think we should
12 just proceed as you suggested.

13 ROY ZIMMERMAN: Okay.

14 MARTY VIRGILIO: Keep it the way it is now,
15 and if you feel like, we could either communicate that
16 with him either via an email from you --

17 ROY ZIMMERMAN: Yes, that's a better idea.

18 MARTY VIRGILIO: Yes.

19 ROY ZIMMERMAN: I agree. I don't really
20 want to call and bother him again, but an email. It's
21 doubtful he wouldn't get a call until Monday, but just
22 in case he did, I wouldn't want him to get caught
23 off-guard. And let him know that we'll inform Michele,
24 and we're going to maintain the sitrep for the
25 foreseeable future.

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1 MARTY VIRGILIO: Good, I think that's the
2 best approach.

3 ROY ZIMMERMAN: Yes, I would agree. Good
4 reaction by the liaison team in jumping on that reaction
5 right away.

6 MARTY VIRGILIO: Yes, thank them.

7 ROY ZIMMERMAN: They're listening.

8 MALE PARTICIPANT: You're welcome, Marty.
9 Thank you.

10 MARTY VIRGILIO: All right.

11 ROY ZIMMERMAN: All right, thanks.

12 MARTY VIRGILIO: Back to work. I'll talk
13 to you guys later.

14 ROY ZIMMERMAN: All right, bye.

15 MARTY VIRGILIO: Bye now.
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(CONFERENCE CALL INITIATED)

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ROY ZIMMERMAN: Ben, you there?

BEN: Just got on.

ROY ZIMMERMAN: Okay. How are you doing?

This is Roy.

BEN: Hey, Roy. Not too bad. I'm only
seven hours into my day.

ROY ZIMMERMAN: Are you in your swimsuit?

Not hardly?

BEN: Not hardly. It would be an ugly
sight.

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1 ROY ZIMMERMAN: You're maintaining your
2 sense of humor though.

3 BEN: Always.

4 ROY ZIMMERMAN: Good. A few things that
5 we want to chat with you, Rich Correia is here with me,
6 and others. The last time that I chatted with you, you
7 had indicated a willingness to stay until the 28th, if
8 I recall?

9 BEN: Yes, the 28th. That will get me in
10 time to support Trish on her walk.

11 ROY ZIMMERMAN: Okay, so you would leave
12 on the 27th or leave on the 28th?

13 BEN: Either one.

14 ROY ZIMMERMAN: Okay. Have you had that
15 specific dialogue with PACOM? Are they aware of your
16 willingness to stay to that date?

17 BEN: Yes, they are.

18 ROY ZIMMERMAN: Okay. So I have an email
19 from Dan Piccuta back on Wednesday requesting you to
20 stay, and I told him I would close the loop back with
21 him. Is your management aware of the request? Have
22 you had any dialogue there about staying?

23 BEN: Yes, Terry basically said we could
24 support it.

25 ROY ZIMMERMAN: Who did?

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1 BEN: Terry Reis.

2 ROY ZIMMERMAN: Okay. So as far as you're
3 concerned it's really a done deal. They know you're
4 staying until the 28th?

5 BEN: I don't know if they know the date.

6 ROY ZIMMERMAN: Okay, so we'll email them
7 back and let them know that you'll be returning to the
8 States, to the mainland, back on the 28th. And if need
9 be we can visit a replacement for you, and we'll cross
10 that bridge a little later on.

11 BEN: I would agree with that. Let's just
12 see where the status is. If we need a replacement, fine.
13 If we can close out, that's fine too.

14 ROY ZIMMERMAN: Okay. So we'll have you
15 on distribution for the email. We'll send that out
16 today. Okay?

17 BEN: Understood.

18 ROY ZIMMERMAN: Okay. What else did you
19 want to chat with him on this call --

20 (Crosstalk)

21 MALE PARTICIPANT: We got feedback that
22 there was a (indiscernible) call perhaps earlier today
23 that you were the only NRC left on the call. Does that
24 sound familiar? And the topic of the situation report
25 came up?

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1 BEN: Okay, let me go back a little bit.
2 The community of interest meets daily at 3:45 your time.
3 Because it's the weekend, the call was mandatory for
4 only about four agencies, but anybody else that they
5 wanted to could call in. And my understanding is, is
6 that the NRC decided they would call back in again on
7 Monday.

8 This morning, my time, I was chatting with
9 Trish. She was giving me a status of what the Operations
10 Center is going to reduce down to on Monday, and she
11 indicated that they were going discontinue the situation
12 report from NRC.

13 MALE PARTICIPANT: They were listening to
14 you while you were talking.

15 BEN: Oh, they were?

16 MALE PARTICIPANT: Yes, quite intently.

17 BEN: Well, needless to say, I had
18 indicated to Trish this morning that that was a very
19 widely-read document, and my interest was to bring this
20 issue up to the community of interest to see what their
21 feedback was, and if you were listening in, it is very
22 much widely read, whether it be the (b)(5) PACOM,
23 Joint Support Forces in Japan. I'm assuming Chuck's
24 looking at this as well.

25 ROY ZIMMERMAN: Okay, so what we're

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1 ultimately going to do is, because of the feedback that
2 we've received is look at maintaining the sitrep at least
3 for the short term here. So we won't do away with it,
4 and we'll evaluate whether we are going to issue it once
5 a day or twice a day. But we'll quell the waters from
6 our earlier decision to move away from that to a simpler
7 document. But we just wanted to get the background.

8 That phone call occurred today at 3:45 our time?

9 BEN: That's correct.

10 ROY ZIMMERMAN: Okay. It didn't take them
11 long to react.

12 BEN: Not at all.

13 ROY ZIMMERMAN: Yes, I think they got off
14 that call and spun up pretty good about that document.

15 BEN: Well, unless you've got feedback on
16 the usefulness of a document it's easy to terminate
17 something like that. So I thought I would get you some
18 feedback.

19 ROY ZIMMERMAN: Yes, you did. So it's
20 positive. It's good. That we would rather have it now
21 and we'll react to it quickly, and you'll let the
22 stakeholders you're interacting with, let them know we
23 are going to maintain it based on the feedback we got.

24 Whether we ultimately do it once a day or twice a day
25 we'll, you know, it's a decision yet to be made.

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1 BEN: And I think they could live with
2 publication on a once a day basis. That being the case,
3 what would probably be best was to continue the 1800
4 release. (b)(5)

5 (b)(5)
6

7 ROY ZIMMERMAN: Okay.

8 TOM BLOUNT: Can you float that idea? This
9 is Tom Blount, sorry.

10 BEN: No, what I was just saying is if you
11 go to once a day, production at 1800 or publication at
12 1800 might be best for the community of interest.

13 TOM BLOUNT: Right, so can you float that
14 amongst your stakeholders?

15 BEN: What we can do is, this issue itself
16 will be readdressed on Monday morning at the community
17 of interest meeting.

18 TOM BLOUNT: Okay.

19 ROY ZIMMERMAN: Well, being that this
20 document, you know, in part is for our stakeholders,
21 you know, the time of day that they receive it is
22 something that we would take into consideration as well.

23 So we'll look at what works best here internally, what
24 the feedback is externally, and then we'll make
25 decisions from there. So we'll react to it just as we

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1 react to the feedback that they already miss the sitrep
2 report even though they haven't missed one yet.

3 BEN: Understood.

4 ROY ZIMMERMAN: Okay. All right, anything
5 we can do for you?

6 BEN: No, room service is kind of poor, but
7 other than that.

8 ROY ZIMMERMAN: Okay. You've got enough
9 suntan lotion. I know you don't have any spare time
10 for any of this so I just want to give you a hard time.

11 BEN: I wouldn't expect anything
12 otherwise.

13 ROY ZIMMERMAN: All right. Just make sure
14 you know nothing has changed back here.

15 BEN: Very good.

16 ROY ZIMMERMAN: But seriously, if there is
17 something that you need from us, don't hesitate to ask.

18 BEN: Understood that too.

19 ROY ZIMMERMAN: All right, we'll let you
20 go then.

21 BEN: All right, have a good evening.

22 MALE PARTICIPANT: Thanks, Ben.

23 ROY ZIMMERMAN: All right, you too.

24 BEN: Okay, bye bye.
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(CONFERENCE CALL INITIATED)

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MARTY VIRGILIO: Hey, you guys. I got my
email box down to about 119 items now.

ROY ZIMMERMAN: I think we're talking to
you more than we talk on a weekday.

MARTY VIRGILIO: I know.

ROY ZIMMERMAN: We'll let Tad just give you
a little bit of information. He's heading the RST.
And then I want to strategize with you a little bit on
next steps.

MARTY VIRGILIO: Okay.

TAD: Hey, Marty. One of our reactor
analysts who has been on shift since March 11th, he's
had about six or seven of the shifts, and he's been
working on an assessment of this Unit 2, see a breach

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1 of the reactor vessel. And he brought over just minutes
2 ago his final assessment and documentation. And he said
3 that he had a (indiscernible) 4, and he said that he
4 had this peer review with (indiscernible, possibly Don
5 Doobie).

6 But his conclusion is that there were three
7 separate occasions where on Unit 2 there were pours of
8 molten fuel into the lower quantum, and then a conclusion
9 that on March 15th that the vessel breach occurred, and
10 he gives the basis for it. And what he's using is he
11 has input data from the Japanese, very detailed
12 information regarding rad levels, pressure vessel
13 level, et cetera. And anyway he just brought over his
14 final document where his assessment is, you know, early
15 on that Unit 2 had a vessel breach in ex-core material.

16 So in my understanding, I've just been on
17 shift the last couple of days, and I did follow up with
18 Eliot Brenner last night. Eliot was talking with the
19 New York Times and they asked specifically, this is,
20 I think, a follow-up to a question you were asked --

21 MARTY VIRGILIO: Right.

22 TAD: -- early on. He was asked
23 specifically by the New York Times, did Unit 2 have a
24 breach, and last night I reported back that it was
25 unclear based on the data that we had in our status

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1 report.

2 And so anyway, I guess, Mr. Fuller, by word
3 of mouth, you know, some people were speculating that
4 they did have a breach, et cetera, he finished his report
5 and handed to me.

6 MARTY VIRGILIO: Now one of the things that
7 we need to think about then is, and then we probably
8 need to check with the site team to get, if they haven't
9 been in part of the peer review, but does that change
10 our strategies as far as what we're recommending for
11 severe accident management for Unit 2?

12 ROY ZIMMERMAN: In terms of flooding the
13 vessel with a, I don't believe they've done that yet.

14 Not the --

15 TAD: The containment.

16 MARTY VIRGILIO: Right, right.

17 TAD: That's been our recommendation from
18 the beginning for Units 2 and 3 as well as 1, but Units
19 2 and 3, certainly that they continue to flood the
20 vessel. So this would go into the assessment that we're
21 currently working on.

22 ROY ZIMMERMAN: We're working on Revision
23 2 to the Reactor Safety Team Assessment. But I think
24 it's good, Marty, also to get some additional eyes on
25 this carefully. DOE, Naval Reactors, the site team,

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1 so the Japanese can look at it. In light of the Times
2 article, I think we want to be careful with the overall
3 distribution to this. Be interested in your thoughts
4 on INPO with a close hold. But at least getting it to
5 DOE and Naval Reactors and the site team, and figuring
6 out again like you indicated, what does this mean in
7 terms of new emphasis on flooding the vessel, with
8 flooding the containment if they haven't done that yet.

9 MARTY VIRGILIO: Right.

10 ROY ZIMMERMAN: Okay, so again because of
11 the sensitivities of the Times article I wanted to make
12 sure you're on board with DOE, Naval Reactors, you know,
13 and whether you want to just stay with that and the site
14 team or whether you feel following a phone call to lay
15 the groundwork. We would also send a copy to INPO with
16 a close hold (indiscernible) their thoughts.

17 MARTY VIRGILIO: I think that's a good
18 idea. Now in the list of stakeholders you did not
19 mention GE.

20 ROY ZIMMERMAN: Yes. Obviously they are
21 a key player, and again I guess we shouldn't be overly
22 influenced by the Times article. In fact, the Times
23 article already being out there kind of maybe dampens
24 this issue a little bit.

25 MARTY VIRGILIO: Yes, and I should have the

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1 most sensitivity having argued with Markey that he was
2 wrong.

3 ROY ZIMMERMAN: Yes.

4 MARTY VIRGILIO: I'm not worried about that
5 at this point. I'm just worried about, you know, what
6 this means for our severe accident management
7 strategies.

8 ROY ZIMMERMAN: Right. Okay, so Daiichi
9 will be part of that as well.

10 MARTY VIRGILIO: Yes, I think that would
11 be the right thing to do.

12 ROY ZIMMERMAN: All right, so we'll make
13 our contacts, indicate the sensitivity of it, indicate
14 that although this is an analysis that's been completed,
15 we have not drawn any conclusions from this and we would
16 like to get some additional expert opinions on this
17 report.

18 MARTY VIRGILIO: Yes.

19 ROY ZIMMERMAN: Okay.

20 MARTY VIRGILIO: Well, thanks for the heads
21 up.

22 ROY ZIMMERMAN: All right. And an email
23 to the chairman?

24 MARTY VIRGILIO: Yes, I think that would
25 be a good idea.

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1 ROY ZIMMERMAN: Okay. All right. Just
2 wanted to bounce it off of you.

3 MARTY VIRGILIO: All right, thanks a lot,
4 Roy.

5 ROY ZIMMERMAN: All right, bye.

6 MARTY VIRGILIO: Bye now.
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6 (CONFERENCE CALL INITIATED)

7 0(54FXM613765094

8 MALE PARTICIPANT: Mike, are you there?

9 MIKE: Hello, it's Mike (indiscernible).

10 Yes, this is Mike.

11 JENNIFER EWELL: Hi, Mike. This is
12 Jennifer Ewell. I'm currently the director of the ET
13 here at the Ops Center.

14 MIKE: Okay, hi.

15 JENNIFER EWELL: Hey. And we had some
16 questions concerning the information that we need to
17 provide to you guys to support Chuck's briefing Clinton.

18 MIKE: Okay, what do you need?

19 JENNIFER EWELL: Okay, so are you the
20 contact? Are we talking to the right person or, because
21 Ronnie, let's see Ronnie Watson, sorry. That's her
22 maiden name. Ronnie (indiscernible, possibly Fransik)
23 is here with me, and she has some specific questions
24 about it and then so does --

25 FEMALE PARTICIPANT: Fred Brown.

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1 JENNIFER EWELL: -- Fred Brown.

2 RONNIE: Okay, Mike, how are you doing?

3 MIKE: Good. I'm assuming I'm probably
4 the right person because I think I know about everything
5 that we're doing. So if I'm not, I'll let you know.
6 What's the question?

7 RONNIE: Okay, I had some turnover from
8 Rich Correia late last night indicating that the Ops
9 Center PMT had learned that the NRC Japan team had
10 prepared information for Chuck Casto for the possible
11 meeting with Secretary Clinton, and he wasn't sure if
12 there was anything that the Japan team needed from any
13 of the Ops Center teams to complete preparations of the
14 Casto briefing book for that forum.

15 Now Fred seems to think that you're needing
16 some information from him to support the briefing book,
17 and that's something we just need confirmation from you
18 on, and whether or not there's any other information
19 that you guys need from one of the Ops Center teams.

20 FRED BROWN: Yes, Mike, let me clarify.
21 There are three (indiscernible, possibly taskers) in
22 the Ops Center. Marie Miller sent in the full agenda
23 and it got assigned to PMT and RST for all the things
24 listed under the protective measures team and reactor
25 safety team. In addition, we have the email to a tasker

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1 that was your specific request, and then there's an
2 overarching tasker that looks like it came out of a Casto
3 briefing. And we just wanted to confirm that all you're
4 looking for is one thing from PMT and what we're working
5 on for you from the RST.

6 MIKE: Let me tell you, because I've been
7 working on this now for probably about 20 hours, and
8 I think I'm not going to need hardly anything from you
9 guys except for what people are already working on.
10 I know -- what's that?

11 JENNIFER EWELL: That's the big question,
12 is exactly what should we be working on? Because we
13 have a list that's quite extensive, and then we have
14 some other information from Ronnie that's saying you
15 don't need that much. And so --

16 MIKE: Yes. So, you know, I do know Chuck
17 Norton with the RST is working on putting together a
18 list of consortium activities, and we talked about that
19 this morning. And I believe I've got everything related
20 to PMT that I need. I've got to go through the list.

21 Like I said, I've been studying about 20 hours on this.

22 The computers are so slow here it takes like minutes
23 to download one file, so I've been putting everything
24 on my hard drive so that eventually I can create this
25 report.

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1 If you guys can give me about, maybe about
2 a half an hour I can go through what I've compiled and
3 see what gaps are currently there. But I don't think
4 we've got that many gaps so I think we're in really good
5 shape.

6 FRED BROWN: Okay, and just to help, Mike,
7 we are working, and Eva's going to try to finish up the
8 summary of consortium questions, and also Kathy Gibson
9 had the summary of rad hazards following the event.
10 You may have seen drafts, but she was about to hit send
11 on the final version.

12 MIKE: Okay, good. Yes, I'll tell you
13 what, let me pull up what I've got on my hard drive real
14 quick. Matter of fact, I just got done going through
15 about five million emails that has all this information
16 and I downloaded to the hard drive, so that's what has
17 been taking me so long.

18 All right, for PMT, Item 1, I've got quite
19 a bit of stuff, and that's the summary of the rad hazards.

20 And if Kathy sends me something that would be great
21 also. For Item 2, which is a summary of radiation --
22 did someone say something?

23 JENNIFER EWELL: No.

24 MIKE: Okay, for Item 2, summary of
25 radiation detection and analysis systems, I've got six

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1 different things for that so I think I'm really good
2 there. Number 3, I've got the writeup for assessing
3 the releases that went to the ocean. Number 4 for me
4 is a summary of source term dispersion stuff. That I'm
5 working with the Sandia folks, so you guys can't help
6 me there because that's really my project with Sandia,
7 and they're still working on the stuff. That's really
8 probably not going to be done until later tonight or
9 maybe tomorrow morning.

10 Item 5 is the summary of the basis for
11 returning folks back to the Tokyo area, and I've got
12 that. Let's see here, I think that was Item 5. Item
13 6 is a summary of what needs to be considered to relax
14 those recommendations, and I've got that. Item 7 is
15 a summary of the results of health effects working
16 groups, and I've got that.

17 Number 8 is a summary of Naval Reactors and
18 DOE stuff. I don't have that one yet although I thought
19 somebody sent me that. But I don't have that one.

20 RONNNIE: Is that one you would expect to
21 get from the Ops Center or from someone else?

22 MIKE: Actually I believe Maria or
23 (indiscernible, possibly Michael Call) was going to
24 send me that because we talked about it yesterday. And
25 so I'm going to have to give Mike a call because I know

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1 Maria's flying home today. But Mike and Maria were
2 working on that so I'm sure Mike is probably finishing
3 that up today. I gave the folks until the end of today
4 to get everything done so some stuff is still being
5 worked on.

6 JENNIFER EWELL: Okay.

7 MIKE: And I don't think there's any way
8 that you guys can handle that one because we're dealing
9 with the DOE folks here at the embassy. I don't think
10 you guys had any involvement in that activity.

11 JENNIFER EWELL: Okay.

12 MIKE: And I'm not sure which briefing
13 report summary you've got because I've made a few
14 revisions of it. What I'm going to be doing is I'm going
15 to have an executive summary, and I'm going to take care
16 of that. I'm going to discuss the overall NRC response
17 to this event, and I'm taking care of that. I'm going
18 to discuss the overall U.S. industry response, and I've
19 gotten help from INPO and some other folks to capture
20 that.

21 My next topic is going to be a big overview
22 of the consortium activities, and that's something that
23 Chuck Norton was going to be working on. There was going
24 to be a chronology of each of the, well, I'm not sure
25 if I'm going to get all five units or just the three

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1 units that were really of concern. I know Rudy Bernhard
2 is working on that and that's a pretty big project, so
3 I'm hoping that he's going to be able to get that done
4 today. That one though I can see maybe him needing some
5 help on, because there's just so much for him to go
6 through because he just got here this week. So that
7 might be a little challenging for him.

8 RONNIE: Are you asking for help from the
9 Ops Center?

10 JENNIFER EWELL: Yes, not to waste your
11 time, all we kind of want to know is which of those topics
12 you want us to do.

13 MIKE: Well, like I said, I wasn't even
14 considering you guys doing anything other than what
15 Chuck Norton was doing. If Rudy needs help I was
16 expecting him to reach out to get it.

17 JENNIFER EWELL: We don't know who Chuck
18 Norton is.

19 FRED BROWN: He's RST.

20 JENNIFER EWELL: Oh, he is.

21 FRED BROWN: Yes.

22 JENNIFER EWELL: Okay.

23 MIKE: So, you know, he hasn't told me that
24 he can't do it, and so I'm assuming that he's busy working
25 on it now. I'm back at the hotel and I've been here

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1 since like, you know, 3:00 in the morning, my time,
2 working on this thing because the computer is a lot
3 faster here in the hotel than it is at the embassy.

4 But I think I've got everything, you know,
5 except for what we talked about, the consortium stuff
6 that Chuck Norton is working on, and if Rudy needs help
7 then he needs to be reaching out. I can give him a call
8 over at the embassy, and if he does need some help I'll
9 have him call the RST.

10 JENNIFER EWELL: Yes.

11 FRED BROWN: Okay.

12 MIKE: But other than that I think we're
13 in really good shape, guys. Matter of fact, I'm going
14 to make it even a little bit more than just what we've
15 done here in Japan. I decided to go ahead and make it
16 the big overall, the whole what the NRC did both here
17 in Japan and back in the States. I think I'll have enough
18 time to get that all done.

19 RONNIE: Okay. so Mike, just to close the
20 loop on what Chuck Norton might be helping with, if you
21 could let us know if you're expecting anything from him

22 --

23 FRED BROWN: No, he is. We've got --

24 (Crosstalk)

25 MIKE: Yes, Chuck and I talked this

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1 morning, and he knows that he's working on it.

2 RONNIE: Okay, so then if Rudy needs any
3 help, let us know because I don't that we're engaged
4 to help Rudy at this point.

5 FRED BROWN: John Thorpe sent the draft of
6 a chronology. It must have been to Rudy, two days ago
7 now.

8 MIKE: I know yesterday Rudy said he has
9 like six different inputs of different types of
10 chronologies. Some last like two pages and some are,
11 you know, 30 pages. And his goal is to get it -- well,
12 actually now that I think about it, I thought Rudy put
13 together a template of what one unit chronology would
14 look like, and I thought he sent that back to the RST
15 so they could work on it, but maybe I'm wrong. Let me
16 give Rudy a call and find out how he's completing this
17 task. I just know that he's the guy responsible for
18 it and so I haven't heard him complaining yet.

19 FRED BROWN: Okay.

20 MIKE: If I want to reach you guys should
21 I just go through the HOO?

22 JENNIFER EWELL: Yes.

23 MIKE: Okay.

24 JENNIFER EWELL: Okay, thanks a lot.

25 RONNIE: Thanks, Mike.

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1 FRED BROWN: Thanks, Mike.

2 MIKE: Okay, we'll talk to you all later.

3 JENNIFER EWELL: We're off.

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25 (CONFERENCE CALL INITIATED)

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ROY ZIMMERMAN: Elmo, you there?

ELMO: This is Elmo.

ROY ZIMMERMAN: Okay. Hey, Elmo, how are
you?

ELMO: Couldn't be better.

ROY ZIMMERMAN: Did you have good
breakfast?

ELMO: I haven't eaten.

ROY ZIMMERMAN: You haven't eaten?

ELMO: I'm watching my figure.

ROY ZIMMERMAN: Mr. Blount is here.

ELMO: Hey, Tom. How are you doing?

TOM BLOUNT: I'm doing well. How are you?

ELMO: Outstanding.

TOM BLOUNT: Excellent.

ELMO: Hey Roy, I was just hoping, I won't
take up much of your time. It's a little hard for me
to navigate all the emails I've got. I thought you all
might have the scheduled times for chairman briefings
and TA briefings, I think. I just want to make our plans
accordingly.

ROY ZIMMERMAN: Yes, I'm trying to look
through the data where the documents --

MALE PARTICIPANT: The next TA brief should

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1 be 8:30 tomorrow morning.

2 ROY ZIMMERMAN: Okay. If you heard what
3 (indiscernible, possibly "Phil") said, 8:30.

4 ELMO: Yes, let me put a little finer point
5 on that. 8:30 a.m. --

6 ROY ZIMMERMAN: Eastern Time.

7 ELMO: -- ET.

8 MALE PARTICIPANT: Yes, sir.

9 ELMO: On the date?

10 MALE PARTICIPANT: Eastern Time on Sunday,
11 tomorrow.

12 ELMO: I'm already past 8:30 a.m. Sunday,
13 so I have to be careful here.

14 MALE PARTICIPANT: On the weekends here
15 they've moved it from 1000 to 0830 for Saturday and
16 Sunday here in Washington.

17 ELMO: Okay, so 8:30, so that would be April
18 10th, 8:30 a.m. EDT.

19 MALE PARTICIPANT: Yes, sir.

20 ELMO: Okay, so I'll have to translate that
21 to Japan time. Are there others or is that the next
22 one?

23 ROY ZIMMERMAN: There's a call that you all
24 have, I'm not sure I'm doing these in order. There's
25 a call that Chuck has been having with the chairman at

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1 1830 Eastern Time each day. But I don't know if that's
2 seven days a week or whether, you know, they've got an
3 arrangement.

4 ELMO: That's hit or miss, so okay, good.

5 MALE PARTICIPANT: And I believe the
6 chairman just calls Chuck directly.

7 ELMO: Or vice versa, yes. Okay, so we
8 only have one chairman brief scheduled.

9 MALE PARTICIPANT: Right.

10 ROY ZIMMERMAN: Yes, and it's saying per
11 day.

12 ELMO: So do we have a chairman brief
13 scheduled 8:30 a.m. every day?

14 ROY ZIMMERMAN: The 8:30 is for the
15 Commission offices. You've got to keep me honest on
16 this. It's not with the chairman, it's with the
17 Commission offices with their TAs.

18 ELMO: Okay.

19 ROY ZIMMERMAN: Okay, and then the call
20 between Chuck or you and the chairman occurs at 1830
21 Eastern Time each day.

22 ELMO: So you're not cognizant from your
23 shop, a separate chairman brief scheduled?

24 ROY ZIMMERMAN: Well, there are chairman
25 briefs that we do that you all aren't involved with.

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1 I don't think you want us to clutter you with those.

2 ELMO: Oh, okay.

3 ROY ZIMMERMAN: I mean there's other times
4 of day where the Ops Center speaks with the chairman,
5 but again it happens a couple of times a day, but again
6 I don't think that's anything for you to be concerned
7 about. If the outcome of that is important then you'll
8 be emailed about it or we'll talk to you about it. But
9 it's not calls that you need to be, we need to let you
10 all do your thing without having to spend your whole
11 time on the phone.

12 ELMO: Good. I got it, thank you.

13 ROY ZIMMERMAN: Okay. So what does your
14 day look like today?

15 ELMO: Other than our standard RST PMT
16 calls which we'll be supporting, we're looking for a
17 light day.

18 ROY ZIMMERMAN: Are you getting the sense
19 that you're getting the information from (b)(5)

20 (b)(5)

21
22 ELMO: Yes, definitely.

23 ROY ZIMMERMAN: All right, so the embedded
24 aspect seems to be working? One of things we've talked
25 about, Elmo, that you probably have a similar reaction

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1 to, if not, let us know, is that because of the
2 instrumentation challenges and because of the high rad
3 levels and the difficulty to get around the facility
4 --

5 ELMO: Hold that thought, Roy. I've got
6 another call. I'll be right back, hang on. Thank you.

7 (Off microphone comments)

8 ELMO: Sorry for the interruption.

9 ROY ZIMMERMAN: Not a problem. You got
10 time to talk for a minute?

11 ELMO: Yes.

12 ROY ZIMMERMAN: So with the obvious
13 challenges of the rad levels, not being able to get
14 around the site well, the instrumentation which is
15 something that we can't have that much confidence in,
16 the desire to better understand what specifically is
17 happening in each unit, what type of flow passive water
18 they have, whether they are or are not going to do a
19 sand slurry of the Unit 4 spent fuel pool, these are
20 questions that we all have interest to but it seems
21 difficult to really get a good handle of where they stand
22 on some of that. I'm assuming your understanding is
23 better than ours.

24 ELMO: Well, yes. Those are very real
25 factors for us. So from a big picture I'll tell you

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1 where we're at out here in this team. Severe action
2 and mitigation guidelines tell us, and all the research
3 that went in in advance of this thing, right, for BWR,
4 loss of, you know, accident progression, tell us that
5 when you get to this stage, right, number one, the units
6 don't have good instrumentation anyway, not really.
7 And two, what you have might not be trustworthy. And
8 three, even if it is trustworthy you're going to have
9 a difficult time translating that to, I'll call it the,
10 quote, "new configuration," unquote, of the core. And
11 so what it means is, we don't know.

12 ROY ZIMMERMAN: Right.

13 ELMO: And we're not going to know. And
14 I haven't said that, we're looking for, that's why the
15 guidelines say flood the dry well.

16 ROY ZIMMERMAN: Right, that's one of the
17 things I was going to bring up to you is, you know, with
18 the information that the RST passed on to your team that
19 there's a possibility that there may have been an ex-core
20 event that occurred back in the middle of March.

21 ELMO: Oh, yes. Yes. And I hope that we
22 are factoring that type of thinking into the Option B
23 paper.

24 ROY ZIMMERMAN: We are.

25 ELMO: Because they're not going to flood,

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1 right. The only way our guidelines which say to apply
2 certainty is to flood the dry well. Well, they're not
3 going to do that so that's why we were looking at Option
4 B. What else do they need to think about? What other
5 actions can they take?

6 ROY ZIMMERMAN: Do they think they had a
7 fuel melt through the vessel?

8 ELMO: Don't believe they do, and they
9 might be right.

10 ROY ZIMMERMAN: Okay, but you've got a
11 paper now that at least (indiscernible) with some of
12 the individuals here that's probably worth looking at
13 and see if that affects their thinking whatsoever. We
14 shipped that out as you may know to try to get some more
15 eyes on that document to see whether GE agrees with it
16 and --

17 ELMO: Yes, can I tell you, I mean that's
18 good. We'll take it. What we need to do is attack it
19 from the guidelines, you know, stay in --

20 ROY ZIMMERMAN: Right.

21 ELMO: -- guidelines, and so what they need
22 to do. Remember the big position, you don't know and
23 you're not going to know. And so from a guidelines
24 perspective it's flood the dry wells. That takes care
25 of it. There's nothing short of that in what we're

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1 calling Option B, what should be done, and I think the
2 answer is put enough water in the dry wells so you have
3 minimum debris submergence.

4 ROY ZIMMERMAN: Yes, I mean they may be
5 putting water in the dry well, yet they don't want to
6 if they've got a hole in the vessel.

7 ELMO: But in Unit 2 that's the very action
8 they don't want to take, but you know what, that could
9 explain a lot, you know. If it went ex-vessel that could
10 explain a lot, because that's the one unit where there
11 is a leak path from water circulating around the core
12 to the turbine building basement if not beyond.

13 ROY ZIMMERMAN: Right, but unknown how that
14 water path is occurring.

15 ELMO: And we've asked them directly and
16 they don't know that path.

17 ROY ZIMMERMAN: Right. Okay.

18 ELMO: And so that could explain what we
19 got.

20 ROY ZIMMERMAN: So you said you have a
21 relatively light day today?

22 ELMO: I hope so.

23 ROY ZIMMERMAN: Are there certain
24 priorities, Elmo, that you all have that do you suppose
25 we could follow along with you from here?

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1 ELMO: I think we've conveyed those back
2 up to the RST and the PMT, you know, finishing up the
3 products that we're working on, getting the comments
4 and assistance and, you know, getting distribution and
5 collaboration on those as we need do. Hugely beneficial
6 and supportive to us.

7 We do not have a meeting with the Japanese
8 today with TEPCO, so we did that six days and then we're
9 not meeting today.

10 ROY ZIMMERMAN: Do you know on the Unit 4
11 spent fuel pool, are they still thinking of doing that
12 slurry operation?

13 ELMO: They are not.

14 ROY ZIMMERMAN: They are not.

15 ELMO: You should put that notion as a low
16 priority and consider it only as a last resort.

17 ROY ZIMMERMAN: All right, so last thing
18 we had heard, Chuck said they were training for it.

19 ELMO: It was kind of interesting, and they
20 might be training, but the use of any kind of slurry
21 as we understand it is only if something bad happens
22 again that they want to be ready to try to do something
23 with it, and they don't think they're there.

24 ROY ZIMMERMAN: Very good. Anything else
25 you want to share for us, or with us, or anything else

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1 you want to add us for?

2 ELMO: No, I don't think so. We appreciate
3 your help.

4 ROY ZIMMERMAN: You guys got anything for
5 Elmo?

6 MALE PARTICIPANT: No. (Indiscernible)
7 RST in a couple hours.

8 ELMO: Outstanding.

9 MALE PARTICIPANT: We had a very good
10 discussion with Alan Blamey this morning.

11 ELMO: Yes.

12 MALE PARTICIPANT: Good efforts.

13 ELMO: I heard it on this end. Thank you.

14 ROY ZIMMERMAN: You may be aware that we're
15 going to be trying to modify the staffing arrangement
16 in the Ops Center on Monday?

17 ELMO: I read the paper.

18 ROY ZIMMERMAN: Okay, so we're going to try
19 to do more in line, deal with the in-line organization
20 and come down a little bit here in the Ops Center. If
21 you guys feel you're not getting the support you need
22 then you just need to speak up.

23 ELMO: Okay.

24 ROY ZIMMERMAN: The most important
25 question I've got for you is when they have to translate

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1 for you do you have to pay extra for your --

2 ELMO: Texan?

3 ROY ZIMMERMAN: -- for Texan?

4 ELMO: Surcharge for Texas talk?

5 ROY ZIMMERMAN: Yes. There's no extra
6 charge?

7 ELMO: Well, it's more time consuming.

8 ROY ZIMMERMAN: All right.

9 ELMO: But I don't get billed separately.

10 ROY ZIMMERMAN: Don't lose your sense of
11 humor and stay safe.

12 ELMO: All right. Thank you, Roy.

13 ROY ZIMMERMAN: All right, stay well.

14 ELMO: All right, bye.

15 ROY ZIMMERMAN: (Indiscernible).

16

17

18

19

20

21 (CONFERENCE CALL INITIATED)

22 0(599)P613765094

23 CHUCK CASTO: Yes, at 4 o'clock I think it
24 is. Going to round up those dogies, but no morning
25 meeting. I think we don't have a morning meeting

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1 tomorrow.

2 JEFF GRANT: Hey, Chuck Casto, is that you?

3 CHUCK CASTO: Yes, is this Mike?

4 JEFF GRANT: No, this is Jeff Grant. I'll
5 go collect up Jennifer Ewell.

6 CHUCK CASTO: Okay.

7 JEFF GRANT: So just plug you into the
8 bridge?

9 CHUCK CASTO: Yes.

10 JEFF GRANT: Okay. Hold on one second.

11 (Off microphone comments)

12 MARK THAGGARD: Hey, Chuck, this is Mark
13 Thaggard. I'm sitting here in the ET waiting. Now
14 we're trying to find Jennifer.

15 CHUCK CASTO: Okay.

16 MALE PARTICIPANT: She'll be here in one
17 minute.

18 CHUCK CASTO: No problem. It's early
19 morning for you guys but it's early evening for us.

20 MARK THAGGARD: Yes, it's a little after
21 4:00.

22 CHUCK CASTO: Good morning.

23 MARK THAGGARD: Yes, good morning.

24 CHUCK CASTO: I know that shift is a tough
25 shift.

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1 MARK THAGGARD: It's been a very tough
2 shift. Were you trying to call into the ET or are you
3 on the phone with somebody?

4 CHUCK CASTO: No, I was trying to call into
5 the ET.

6 MARK THAGGARD: Oh, okay. It's been
7 pretty busy here most of the evening, and being I think
8 Jennifer has been like walking around trying to make
9 the rounds.

10 CHUCK CASTO: Well, that's the problem with
11 us being on day shift out here and you guys have to,
12 forces you guys to do the night shift.

13 MARK THAGGARD: Yes.

14 CHUCK CASTO: The embassy deals with that
15 every day, you know. Washington always wants to have
16 meetings at 10 o'clock in the morning or something like
17 that which is, you know, 11 o'clock at night. Or
18 sometimes they're early afternoon meetings or afternoon
19 meetings, so they're up often at 2 o'clock in the morning
20 having meetings.

21 MARK THAGGARD: Yes. And Jennifer just
22 walked in.

23 CHUCK CASTO: Okay.

24 JENNIFER EWELL: Hey, Chuck.

25 CHUCK CASTO: Hey, Jennifer. Sorry to

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1 bother you.

2 JENNIFER EWELL: No, no, that's all right.

3 I was talking to Fred Brown about this (indiscernible,
4 possibly "visa") document, but sorry about that.
5 What's up?

6 CHUCK CASTO: A couple things. I'll
7 debrief you sometime. We briefed General Field and
8 Admiral Walsh for several hours this afternoon. That
9 was good, a good discussion trying to get on the same
10 page with USFJ and the 7th Fleet. We'll do some more.

11 There's some more dialogue needed, particularly our
12 review of their emergency actions. When events occur
13 at the site they have emergency actions programmed out
14 and we probably need to review those to make sure that
15 we understand them.

16 JENNIFER EWELL: Okay, sorry. So the
17 emergency actions are TEPCO's emergency actions?

18 CHUCK CASTO: No, they're USFJ and 7th
19 Fleet.

20 JENNIFER EWELL: Okay, got you.

21 CHUCK CASTO: You know, they're developing
22 procedures, if there's a release or if there's an
23 earthquake, you know, the actions that they would take
24 with regard to moving ships, moving personnel,
25 accountability of personnel, monitoring of personnel.

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1 JENNIFER EWELL: Yes, I got you.

2 CHUCK CASTO: Yes, they're developing
3 those, and we probably need to help them out with that
4 a little bit.

5 The other thing, the thing I really called
6 about is, Ambassador Roos is going to send a message
7 to the State Department with his justification of
8 allowing the 30-day authorized departure status to
9 elapse. It's a one-pager.

10 JENNIFER EWELL: Is this based on the
11 document that we called it the re-entry criteria for
12 Tokyo, and we had seen various (indiscernible, possibly
13 "versions") of it and provided comments back?

14 CHUCK CASTO: That may be it, yes. This
15 is about re-entry to Tokyo.

16 JENNIFER EWELL: Yes.

17 CHUCK CASTO: And we have another draft,
18 near final draft. It's kind of marked up, because I
19 don't have the final final but I have the mark-up.

20 JENNIFER EWELL: Okay.

21 CHUCK CASTO: And I would like to fax it
22 to you.

23 JENNIFER EWELL: Oh yes, sure.

24 CHUCK CASTO: And I don't know, you know,
25 we agree with the document here in Tokyo, but we want

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1 to just make sure that, you know, because this likely
2 will go out this evening, which is just in a few --

3 JENNIFER EWELL: No, we'll turn it around
4 quick.

5 CHUCK CASTO: Yes, and I don't know if the
6 chairman needs to sign off on it or, they're going to
7 go forward regardless of what, you know, this is in the
8 ambassador's words so he's not speaking for us or not
9 portraying an NRC position. It is crafted so that these
10 are his words. His assessment.

11 JENNIFER EWELL: And based on a turnover
12 I had with Roy Zimmerman is that the way we're looking
13 at it here in headquarters is that that's the State
14 Department document. And, you know, we had
15 collaborated with them and provided some views. They
16 took some of them, not all of them, and that more or
17 less as long we don't technically disagree in a strong
18 way then that's okay for the State Department to use.

19 CHUCK CASTO: Yes.

20 JENNIFER EWELL: Okay, so we can just look
21 at it quick and make sure that there was nothing added
22 that we think is technically wrong.

23 CHUCK CASTO: Yes, hopefully we're talking
24 about the same document. This is a one-pager.

25 JENNIFER EWELL: Yes, I know it is.

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1 CHUCK CASTO: Okay. Then there's also a
2 draft language being, which I don't have a copy of, but
3 there's also a draft language from State Department,
4 somebody, I think Pat Kennedy and Jim Steinberg, being
5 drafted to be prepared for the Secretary of State's
6 briefing book. (b)(5)

7 (b)(5)
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14 JENNIFER EWELL: (b)(5)

15 (b)(5)
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20 JENNIFER EWELL: And who are these people?
21 I guess I don't know who these people are.

22 CHUCK CASTO: I don't know who they are.
23 They're somebody high level in State.

24 JENNIFER EWELL: Oh, in the State
25 Department, okay.

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1 CHUCK CASTO:

(b)(5)

2 (b)(5)

11 JENNIFER EWELL: Okay.

12 CHUCK CASTO: That make any sense?

13 JENNIFER EWELL: Yes, yes, got it.

14 Perfect.

15 CHUCK CASTO: So I don't know what the
16 chairman needs to know about all that.

17 JENNIFER EWELL: I mean at this point based
18 on again, the turnover, it really isn't our document,
19 the one-pager. And I think once the PMT looks at it,
20 and as long as there's nothing that's shocking or that
21 we think is technically inaccurate then I think we say
22 okay. Because when we were first talking about the
23 deputies' meeting that the chairman was going to
24 participate in on Monday, the only three documents that
25 he was going to need for that it did not include the

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1 re-entry to Tokyo. That was described to be State's
2 lead.

3 CHUCK CASTO: Yes. That it's State's
4 business and as long as we don't technically disagree
5 that's their business.

6 JENNIFER EWELL: Right. So I would say
7 there's a 7:15 in the morning call is cancelled with
8 the chairman tomorrow, but I mean once it gets more like
9 maybe 10 o'clock or whatever, I would suggest on my
10 turnover that all, I'll recommend that they call the
11 chairman and indicate that this is going to be given
12 to the State Department.

13 CHUCK CASTO: Yes, and if you would,
14 Jennifer, please, in your turnover if you would indicate
15 that Casto has information on the Kan, Prime Minister
16 Kan's press briefing for Monday, and has information
17 on the visit with Admiral Walsh and General Field that
18 I would be happy to brief the chairman on those.

19 JENNIFER EWELL: Okay.

20 CHUCK CASTO: And basically I'll give you
21 the same briefing. You know, the Prime Minister is
22 probably going to say something about, you know, he's
23 going to try to reconcile the difference between the
24 U.S. and the evacuation. (b)(5)

25 (b)(5)

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(b)(5)

JENNIFER EWELL: Okay, got you.

CHUCK CASTO: And there's more to it than that but that's the essentials.

JENNIFER EWELL: And that's going to take place Monday?

CHUCK CASTO: Monday, yes. It's the anniversary. It's the one-month anniversary so he's going to say something about the event.

JENNIFER EWELL: Okay. And then my last question, when do you think the State Department is going to lift the voluntary evacuation?

CHUCK CASTO: Yes, that's the million-dollar question, because as I said, you know, there are high level people at State that believe that until the plant is stable they would not lift the voluntary early departure.

JENNIFER EWELL: Yes.

CHUCK CASTO: (b)(5)

(b)(5)

In addition, we don't see a

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1 defining point coming up in the next weeks or month where
2 conditions are going to change with the reactor. I mean
3 there's nothing that indicates --

4 JENNIFER EWELL: Yes, no big change, right.

5 CHUCK CASTO: Right. So basically this
6 letter, this one-pager says, hey, it may be months that
7 we sit in this condition. And meanwhile, the
8 Australians, U.K. and others are lifting the voluntary
9 early departure for their embassies so, you know, it
10 looks a little inconsistent.

11 JENNIFER EWELL: Yes. All right, so I just
12 want to make sure that if we put in the call to the
13 chairman at 9 o'clock tomorrow it's not like he's going
14 to see something on the news that the State Department
15 lifted this.

16 CHUCK CASTO: No. I don't know when the
17 principals' meeting is but --

18 JENNIFER EWELL: That's supposed to be
19 Monday but it now looks like it's postponed until Friday,
20 and they may not have it depending on everybody's
21 agreement on this joint set of policy questions.

22 CHUCK CASTO: Okay. So this email while
23 it's going out tonight, it doesn't sound like there will
24 be a principals' meeting to discuss this issue for some
25 time.

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1 JENNIFER EWELL: Okay. All right.

2 CHUCK CASTO: I mean I'm trying to
3 understand what you're telling me. There's not a
4 principals' meeting for some time.

5 JENNIFER EWELL: Yes, but I mean again, the
6 State Department may just decide on their own, right,
7 that they want to do this and consult a (indiscernible,
8 possibly "west") TP and leave everybody else out, or
9 you don't think that's likely?

10 CHUCK CASTO: I don't think that's likely.

11 JENNIFER EWELL: Okay. All right.

12 CHUCK CASTO: I think it might be a
13 principals' decision. And we've gotten to the point
14 out here where we can't go to the cafeteria anymore.
15 I'm just being facetious, but there's people, you know,
16 when you get into the cafeteria you get a lot of people
17 saying, hey, what's going on? I'm ready for my
18 dependents to come back.

19 JENNIFER EWELL: Yes, right.

20 CHUCK CASTO: So it's a little snarly. No,
21 it's not that at all. They're great people.

22 JENNIFER EWELL: Well, I mean it probably
23 is a little awkward that we have a different perspective
24 on, you know, on what could possibly happen and now we're
25 being more conservative in getting everybody back.

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1 CHUCK CASTO: Yes, you know, they used a
2 societal reason for departure. There were a lot of
3 concerned dependents. And now people want to use a
4 science decision to return the dependents, you know,
5 and the science, it just isn't that clean. But given
6 the condition of the plant, you know, we would love to
7 say that they're flooded up and they're stable and
8 everything's okay, but we just can't say that.

9 JENNIFER EWELL: Yes. No, there's always
10 that uncertainty there.

11 CHUCK CASTO: So we're basically using a
12 different criteria to undo your decision than the
13 criteria used to make the decision, and that's very
14 difficult to do.

15 JENNIFER EWELL: Yes, that's a good point.

16 CHUCK CASTO: And the more you hold
17 dependents back the more they think there's something
18 really bad over here too. You know, they're like wow,
19 they're keeping us away for two months. It must really
20 be bad. So it's not a good question.

21 Anyhow I'll fax this to you and then you
22 can do with it whatever. I guess we wouldn't want this,
23 you know, spread around all over the place --

24 (Crosstalk)

25 JENNIFER EWELL: Yes. No, what I planned

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1 on doing is just we'll look at it with the PMT and then
2 -- now do you want us to email somebody on your team
3 to say, yes, we think it looks good, or we think there
4 are problems? How do you want me --

5 (Crosstalk)

6 JENNIFER EWELL: -- back to you?

7 CHUCK CASTO: Yes, since they're going to
8 send it within hours you better call me if you don't
9 agree with something.

10 JENNIFER EWELL: Yes, okay. All right, so
11 if we don't call you then it's okay? Is that how you
12 want to do it?

13 CHUCK CASTO: Yes, that's right. Negative
14 consent is good.

15 JENNIFER EWELL: Okay.

16 CHUCK CASTO: All right. Thank you,
17 Jennifer --

18 JENNIFER EWELL: All right, take care.

19 CHUCK CASTO: -- and Mark and others.
20 Thank you, talk to you soon.

21 MARK THAGGARD: Okay, all right.

22 CHUCK CASTO: Yes, bye.

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Official Transcript of Proceedings
NUCLEAR REGULATORY COMMISSION

Title: Japan's Fukushima Daiichi ET Audio File

Docket Number: (n/a)

Location: (teleconference)

Date: Sunday, April 10, 2011

Work Order No.: NRC-1771

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6 SUNDAY

7 APRIL 10, 2011

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1 (CONFERENCE CALL INITIATED)

2 0(6^DSIL13765094

3 MALE PARTICIPANT: Marty Virgilio coming
4 up on the bridge.

5 MARTY VIRGILIO: (Inaudible).

6 MALE PARTICIPANT: Hey, Marty, good
7 morning.

8 MALE PARTICIPANT: Hey, Marty. I was
9 thinking of calling you or sending you an email.

10 MARTY VIRGILIO: I'm in my office and I'll
11 be over to see you all in a little bit.

12 MALE PARTICIPANT: Good.

13 MARTY VIRGILIO : The chairman and I have
14 been sending emails back and forth about how we want
15 to communicate for (inaudible) about our downsizing the
16 operation center.

17 I think he's a little concerned that it
18 might send the wrong message. So he and I have worked
19 out some key messages. And I'll come over and share
20 them with you.

21 You weren't planning on issuing anything
22 in the next few minutes, were you?

23 MALE PARTICIPANT: I wasn't planning on it.

24

25 MARTY VIRGILIO: All right.

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1 MALE PARTICIPANT: But the reason I was
2 calling was this global assessment document that we've
3 got to turn around in 24 hours.

4 MARTY VIRGILIO: Well, I hadn't picked up
5 on that yet.

6 MALE PARTICIPANT: Yes, it came in last
7 night. And it looks like people are just slapping stuff
8 in there. But I'm a little concerned. As I understood
9 it's something, I guess, they're putting together for
10 Secretary Clinton's visit.

11 MARTY VIRGILIO: Well, there's a couple of
12 things going on. And I'm a little confused too. You
13 know, we have our document, which we're calling the
14 "composite document."

15 MALE PARTICIPANT: Okay, and that I've seen
16 but I have questions for you on too.

17 MARTY VIRGILIO: Okay, good. And I have
18 some questions. So when we come over we can talk about
19 that. Because there're some things that are not aligned
20 with my conversations with the chairman.

21 So we're going to have to sit down with the
22 crew there and just make sure that we get back on the
23 same page.

24 Then I've talked to Chuck and Elmo a couple
25 of times about this global assessment. And I'm having

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1 a difficult time figuring out where it fits in the
2 picture.

3 I sense you might be too. And then there's
4 the briefing for Hillary, which is yet another piece.
5 So I'll be over in about 15, 20 minutes.

6 MALE PARTICIPANT: Okay, that's good.
7 Because, yes, I thought this global assessment was for
8 the briefing for Secretary Clinton.

9 MARTY VIRGILIO: No, it started out before
10 we knew Clinton was even coming.

11 And it was Chuck's attempt to put everything
12 in perspective in an effort to start lining us on a path
13 toward an exit strategy, which I believe is also the
14 role of the composite assessment.

15 So I'll come over and we can talk. I
16 haven't seen Chuck's global assessment. He sent me an
17 outline a week or so ago and I looked at it. And at
18 the time we weren't working on the composite assessment.
19 So it seemed like the right thing to do.

20 But I think your sense is we need to get an
21 understanding, a common understanding, with everybody
22 about what are these documents and what are their
23 intended uses.

24 MALE PARTICIPANT: Yes, because we're
25 having challenges with converging (phonetic) control

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1 --

2 MARTY VIRGILIO: Yes, yes.

3 MALE PARTICIPANT: -- timing, you know.

4 And it looks like everybody's just slapping the latest
5 version of something into the contents of this thing.

6 And it's got everything.

7 MARTY VIRGILIO: Yes, yes, I'll be over.

8 MALE PARTICIPANT: But I'm having a lost
9 the big picture accident.

10 MARTY VIRGILIO: Yes, me too. We'll
11 figure it out together.

12 MALE PARTICIPANT: Yes.

13 MARTY VIRGILIO: All right.

14 MALE PARTICIPANT: See you in a bit.

15 MARTY VIRGILIO: See you in a little bit.

16 Bye now.

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(CONFERENCE CALL INITIATED)

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OPERATOR: There are currently 19 participants in your conference. The following people are in the conference.

HOO: Headquarters Operations Officer.

SCOTT MOORE: Scott Moore, FSME.

MIKE SNADERLAKE: Mike Snodderly, Commissioner Apostolakis' office.

PAT CASTLEMAN: Pat Castleman, Commissioner Svinicki's office.

PAUL MICHALAK: Paul Michalak, FSME, EO.

LAWRENCE KOKAJKO: Lawrence Kokajko, NMSS.

LARRY CAMPER: Larry Camper, SSME.

ADAM BONCER: Adam Boncer (phonetic), Region II duty officer.

ABY MOHSENI: Aby Mohseni, duty officer, NMSS.

MICHAEL MARSHALL: Michael Marshall, Chairman Jaczko's office.

NANCY EDDY - COOKE: Nancy Eddy - Cooke (phonetic), Officer of the Secretary.

ANDY RICHARD: Andy Richard (phonetic), Commissioner Ostendorff's office.

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1 DENNIS ALSTON: Dennis Alston (phonetic),
2 Hilltack (phonetic).

3 CATHY HANEY: Cathy Haney, NMSS.

4 JOHN CARUSO: John Caruso, Region I duty
5 officer.

6 BILL ORDERS: Bill Orders, Commissioner
7 Magwood's office.

8 BOB DALEY: Bob Daley, Region III duty
9 officer.

10 ELIOT BRENNER: Elliot Brenner, public
11 affairs.

12 OPERATOR: Roster playback is complete.

13 JIM DYER: Good morning. This is Jim Dyer,
14 day shift ET director. And this is the morning briefing.

15 In essence, no change in reactor status.
16 And there's a lot of analyses going on. It's the overview
17 of the activity so far.

18 First, there's two critical analyses
19 performed today on day shift. One is working with naval
20 reactors on coming up with a simplified document for
21 defining stable conditions for the reactor. That is a
22 request to provide to the site team.

23 Additionally, last night we received a draft
24 document referred to as the global assessment, which is
25 a document being prepared to brief Secretary of State

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1 Clinton upon her arrival next week.

2 And it's got a 24 hour requested turn-around
3 time by our site team. And it is global in the sense
4 that includes literally every aspect of our existing
5 history and status. And it's a compilation of all our
6 work.

7 Additionally, we also have a composite
8 document that it covers three issues, one the grab and
9 go criteria, the ETZ re-entry criteria, shrinking it down
10 from 50 miles, and that also contains an expanded stable
11 conditions for the reactor.

12 And the status of that document is that the
13 teams are finalizing it and it's provided out to copies
14 for the DDO and Vince Holahan to take on to review.

15 Additionally, we're also working on a
16 transition document. Yesterday, or Friday rather, the
17 chairman concurred with reducing the staffing to six
18 people to begin next week on day shift, Monday on day
19 shift.

20 And there'll be a transition down in size
21 of the team. Of particular note for the CA briefings
22 is we're going to shift those to Tuesdays and Thursdays
23 at 10:00 a.m.

24 And then also we're working right now. Next
25 week there'll be a shift turnover, a main turnover in

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1 the site team with several new key players going out to
2 Japan to arrive on Tuesday.

3 We've also completed Revision 2, the reactor
4 safety team assessment document. At this stage we
5 completed a draft update of that based on plant
6 conditions. And it's due to get comments from GE Hatachi
7 on Monday when we'll finalize that document.

8 And the last thing that I have is we proposed an
9 alternate to the Sitrep format and content. And the
10 feedback we got from our Federal partners is that they
11 preferred to keep the same content but were willing to
12 cut down the frequency of the Sitrep.

13 So we'll be issuing the Sitreps daily now
14 going forward. But it'll have the same content as it
15 previously had.

16 And the next consortium call will be tonight
17 at 8:00 p.m. and that's it. Any questions, comments?

18 PAT CASTLEMAN: Tim, this is Pat
19 Castleman. On this global assessment document, is there
20 any thought of sharing that with the Commission offices?

21 JIM DYER: I think we'll share it
22 afterwards. It's a quick turnaround. I just thought
23 this morning, in the mid-shift that had provided it,
24 there's nothing that I'll say is new or original in it.
25 It's more of a compilation of pulling the thought

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1 documents and that all together from all the various parts
2 we have. But we can provide it after we get it done.

3 PAT CASTLEMAN: That's fine. I'm just
4 thinking just for information. It's going to be vetted
5 to the Secretary of State. The principals probably ought
6 to have awareness of it. Is that document originated
7 by the State Department?

8 JIM DYER: No, it's not. My understanding
9 is it started off with the site team and the headquarters
10 team. The last provision I'd gotten was something from
11 the site team that had big gaping holes and they were
12 asking for the headquarters team to fill in the chapters,
13 if you would.

14 PAT CASTLEMAN: Okay, that makes sense.
15 And then the last question I have, this is again a document
16 request. The Sitrep mentions a summary of radiological
17 hazards in Japan. And that document's been completed.
18 Could we get a copy of that, please?

19 JIM DYER: Okay.

20 FEMALE PARTICIPANT: I see that. It's a PFD
21 area.

22 JIM DYER: Okay.

23 PAT CASTLEMAN: Great, thank you. That's
24 all I have.

25 ELIOT BRENNER: Hey, Tim, it's Eliot. The

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1 reactor safety team assessment document that GE Hatachi
2 will look at on Monday, do we have a sense of when that's
3 going to be finalized so I can figure out when it's going
4 to leak?

5 ED HACKETT: Eliot, this is Ed Hackett. I'm
6 the RMT director on this shift. The latest information
7 we have on that is we're expecting GE Hatachi comments
8 on Monday.

9 And so my best guess would be that could
10 be finalized on day shift on Monday. Otherwise I
11 understand the rest of the consortium has seen it and
12 is good with it.

13 ELIOT BRENNER: Okay, we've got a
14 Congressional hearing on Tuesday afternoon. That's why
15 I'm asking.

16 ED HACKETT: Okay. The sooner the better
17 to you?

18 ELIOT BRENNER: I wouldn't mind it leaking
19 after the hearing.

20 ED HACKETT: Okay.

21 MALE PARTICIPANT: We were going to try to
22 make it better stamped and controlled this time.

23 ELIOT BRENNER: Okay, thanks.

24 JIM DYER: Other questions, comments?
25 Okay, well, thank you very much. The next briefing, I

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1 believe, is now Tuesday at 10:00 a.m.

2 MALE PARTICIPANT: Got it. That sounds
3 right.

4 JIM DYER: Okay, have a good weekend.

5 MALE PARTICIPANT: Okay, thank you.

6

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(CONFERENCE CALL INITIATED)

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MALE PARTICIPANT: Good afternoon,

25

Chairman.

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1 CHAIRMAN JACZKO: Hi.

2 CINDY CARPENTER: Hi, Chairman, this is
3 Cindy Carpenter. I'm the oncoming ET director today.
4 How are you doing?

5 CHAIRMAN JACZKO: Good, how are you?

6 CINDY CARPENTER: Just fine. All right,
7 there's no significant change (inaudible) the off-going
8 ET director. And we have the director of the safety team
9 here also.

10 So there's no significant changes on the
11 status of the reactors. There is an analysis of Unit
12 2, possible core (indiscernible, possible "accessible")
13 events. And the assessment has been provided to
14 (inaudible) to naval reactors for their review.

15 CHAIRMAN JACZKO: Okay.

16 CINDY CARPENTER: We are looking on staffing
17 an additional 11 person site team. If USAID is now
18 scaling back a little bit, what they're saying is they
19 want four days advance travel notice.

20 We do have some people who want to go on
21 Tuesday. We intend to communicate with USAID that six
22 of those people (indiscernible, possibly "emergent").
23 But they're urgent, basically, and we want them to go
24 on Tuesday and the others will travel on Friday.

25 CHAIRMAN JACZKO: Okay, good.

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1 CINDY CARPENTER: Other (inaudible)
2 briefing this morning by Jim Dyer. And basically we are
3 working to realign the operations on (indiscernible but
4 possibly "synergy") strategy in accordance with the memo
5 that you put out. And we do have a transition plan to
6 that realignment.

7 CHAIRMAN JACZKO: Okay, good.

8 CINDY CARPENTER: The Sitrep is going to
9 be continued but it'll be once a day. And it would be
10 issued each day at 8:00 p.m, 6:00 p.m., (inaudible).

11 CHAIRMAN JACZKO: Okay, and everyone was
12 comfortable with that or did people want it more often?

13 MALE PARTICIPANT: Chairman, everybody was
14 fine with it as long as we didn't change the content.

15 CHAIRMAN JACZKO: Okay, good.

16 CINDY CARPENTER: They feel that this is
17 sufficient content for them. So that'll be going out at
18 6:00 p.m. each day now.

19 CHAIRMAN JACZKO: Okay, good.

20 CINDY CARPENTER: They have the briefing
21 material for Secretary of State Clinton. The site team
22 developed some information and we're working on that right
23 now to try to condense that down just a little bit.

24 CHAIRMAN JACZKO: Okay, good.

25 CINDY CARPENTER: And the meeting with

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1 Secretary Clinton is anticipated to be the week of April
2 17th.

3 CHAIRMAN JACZKO: Okay.

4 CINDY CARPENTER: The reactor safety team
5 assessment document that is written and we're working with
6 GE Hitachi for comments that will be provided by tomorrow.

7 CHAIRMAN JACZKO: And that will include or
8 address this issue of how we're defining stability?

9 MALE PARTICIPANT: Yes, sir, it will.

10 CINDY CARPENTER: That's our target, okay?
11 And we're also working on a draft document. It's called
12 the composite document. And that is for re-entry criteria
13 for U.S. citizens back into the 50 mile ETZ.

14 CHAIRMAN JACZKO: Good.

15 CINDY CARPENTER: And we're working that
16 also and the next anticipated step to that one (inaudible).
17 And they'd call ahead for their comments.

18 CHAIRMAN JACZKO: Okay, good.

19 CINDY CARPENTER: And then NOAH, the
20 preventive measures team has provided NOAH with the
21 (indiscernible, probably "forecast") that was used in the
22 (inaudible) version 311. Is there anything else to add
23 or --

24 CHAIRMAN JACZKO: How are we doing in terms
25 of getting inter-agency buy-in on the re-entry type

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1 conditions?

2 MALE PARTICIPANT: The Chairman of Naval
3 Reactors is here and they're okay with the stability, the
4 simplified stability document map that we have.

5 We haven't put it out to the stakeholders
6 yet. One of the questions I was going to add in, or
7 question at the end is it seems to me right now it's written
8 as an independent thought paper.

9 CHAIRMAN JACZKO: Yes.

10 MALE PARTICIPANT: And whether or not there
11 should be some linkage between Phase 1 and Phase 2 of the
12 stability with long-term and short-term access or re-entry
13 criteria.

14 CHAIRMAN JACZKO: Yes.

15 MALE PARTICIPANT: And that was one of the
16 questions that we're wrestling with right now. Right now
17 it's an independent thought, but whether or not those two
18 should be linked.

19 CHAIRMAN JACZKO: Well, I think what I would
20 like to have done is when I talk to, I think, Gloria
21 (phonetic) or Marty on Friday or Saturday the goal was
22 to be prepared to make a decision mid-week if we need to
23 get a deputy's call together to work through those issues.

24 I think the Ambassador's been asking for
25 something along the lines to have some guidance to give

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1 to people about how we're going forward. And I think
2 that's kind of what we're working through right now.

3 So if we're running into hurdles I'd like us to
4 get it out there enough so that hopefully we can get it
5 all worked out without a deputy's call.

6 But if we do need to do it, I'd probably
7 have to like have that known by mid-week so that we can
8 maybe schedule something for end of the week.

9 MALE PARTICIPANT: Okay, but I think what
10 we need to do then is we need to bring this thing together
11 and make it a decision document, not a thought paper.

12 CHAIRMAN JACZKO: Yes, I think so. And I
13 thought that's where we going as of Friday.

14 MALE PARTICIPANT: Yes, like I said, when
15 I read it today at the beginning of the shift it's an
16 independent. And I just think it needs some linkage
17 between reactor safety and the protective measures.

18 CHAIRMAN JACZKO: Yes, and again, I thought
19 that's where we were going with it. So we can maybe get
20 that completed and then get something we can share.

21 MALE PARTICIPANT: Okay, and Marty may talk
22 to you. I guess you and Chuck and Marty's going to come
23 in for a call later on tonight.

24 CHAIRMAN JACZKO: Okay, good, at 6:30?

25 MALE PARTICIPANT: And he may bring that

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1 up with you at that point.

2 CHAIRMAN JACZKO: Good. And if the
3 (inaudible) is still on, if you can make sure to just call
4 me at 6:30, as I'm out and about sometimes and I lose track
5 of the time.

6 MALE PARTICIPANT: Yes, sir, we'll make
7 sure.

8 CHAIRMAN JACZKO: Okay, good, thanks.

9 CINDY CARPENTER: And we'll talk to you at
10 6:30 this evening then.

11 CHAIRMAN JACZKO: Anything else that you
12 all had?

13 CINDY CARPENTER: Anything else? I think
14 that's about it from here.

15 CHAIRMAN JACZKO: Okay, good. Hey, Jim,
16 while I've got you, when do we expect to know our final
17 number in all of that?

18 JIM: Our final number for --

19 CHAIRMAN JACZKO: For the CR.

20 JIM: Well, we will develop the number. We
21 can crunch the numbers tomorrow morning.

22 CHAIRMAN JACZKO: I mean in terms of have
23 we seen the language, or they haven't released the language
24 or anything yet?

25 JIM: On the CR I have not heard anything.

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1 There was no impact specifically called out for the NRC
2 in the one week CR extension.

3 CHAIRMAN JACZKO: I'm sorry, I mean the
4 longer term final --

5 JIM: I guess Congress has given them, the
6 goal was to get it done next week. So we'll try to plug
7 in as soon as we see where they're headed.

8 CHAIRMAN JACZKO: Okay, good. And asked
9 Becky (phonetic) the same thing to see if she can get us
10 some details about what, if any, impacts we had coming
11 out of the broader deal.

12 JIM: Yes, sir.

13 CHAIRMAN JACZKO: Okay, good. All right,
14 thanks everybody.

15 CINDY CARPENTER: Thank you very much.
16 We'll talk to you this evening.

17 CHAIRMAN JACZKO: Talk to you at 6:30.
18 Thank you, bye.

19 MALE PARTICIPANT: Bye-bye.

20 CINDY CARPENTER: Yes, bye.

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(CONFERENCE CALL INITIATED)

0(70#!-613765094

OPERATOR: There are currently 11
participants in your conference. The following people
are in the conference.

KEVIN RIME: Kevin Rime (phonetic), INPO.

SAL DOLOUB: Sal Doloub (phonetic), DOE
Office of Nuclear Energy.

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1 GLEN SOUTHERN: Glen Southern, Naval
2 Reactors.

3 RICK NEILSON: Rick Neilson, INPO.

4 LT. COL. DEAN ORFIELD: Lt. Col. Dean
5 Orfield (phonetic), Japanese (indiscernible, possibly
6 Front Desk, LNO).

7 MALE PARTICIPANT: NRC DTAN (phonetic) team
8 with Allan Blamey, Danielle Emche, and Eric Stahl.

9 MALE PARTICIPANT: Industry support team,
10 Tokyo.

11 DAMIAN PEKO: Damian Peko, Department of
12 Energy.

13 JAY TILDEN: Jay Tilden, DOE.

14 OPERATOR: Roster playback is complete.

15 CINDY CARPENTER: Good evening, everyone.
16 This is Cindy Carpenter, I'm the Executive Team director.
17 And we'll go ahead and we'll walk through it. Tom Blount
18 is here also and Andy Campbell's also here.

19 So first off, we've gone through the roll
20 call. And what we want to do is go ahead and approve the
21 equipment list.

22 And we'll just start from the top and then
23 see where anybody's got any questions or concerns and then
24 at the end of it any new additions that anyone might have
25 or any new issues that someone wants to bring up.

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1 So the first one is to divide (indiscernible,
2 possibly "the condensing") radiation contaminated water.

3 That's the DOE's.

4 MALE PARTICIPANT: I am driving so you're
5 going to have to be patient with me. Say that again, which
6 one is it?

7 CINDY CARPENTER: Okay, let me read the
8 whole thing for you. Thank you. The (inaudible)
9 condensing radiologically contaminated water and
10 inclination or evaporation technology.

11 MALE PARTICIPANT: No. I believe Allan
12 sent an update on that. There was a paper and there was
13 another paper submitted. Someone from Nuclear Energy is
14 on. They may be able to talk to that.

15 MALE PARTICIPANT: Yes, that update is for
16 the next item.

17 CINDY CARPENTER: Right. Should we just
18 wait on that one, then? What I have down here is that
19 the Government of Japan needs to provide more information
20 based on Allan's email request.

21 So let's go on to the next one then. The
22 next one is the (indiscernible, possibly "assistance in
23 gaining the simulated") radioactive water and the terms
24 and abilities.

25 SAL DOLOUB: This is Sal Doloub (phonetic).

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1 We provided an update for the (indiscernible, possibly
2 "new option staple") is delivered to the Embassy on the
3 7th.

4 CINDY CARPENTER: All right. The next one
5 is water storage tanks and a trailer for contaminated
6 water.

7 MALE PARTICIPANT: Well, I believe we're
8 waiting on some feedback from the Government of Japan.

9 I believe the updates should be in there, which is we're
10 evaluating the shipping from both the west coast and east
11 coast for time lines and costs as well as airlift options.

12
13 But there was a whole series of questions
14 that came back from the Government of Japan about pressure
15 testing and all that. So I think we want some emphatic
16 answers out of the Government of Japan on whether or not
17 they want these tanks.

18 CINDY CARPENTER: Okay. And are there also
19 any questions about the follow-up on cost estimates?

20 MALE PARTICIPANT: We need to get back to
21 the Government of Japan on those cost estimates for the
22 different shipping methods. We know that from TEPCO.

23 Alice is going to respond and she was
24 expecting to be on the call. But I don't believe she's
25 on at the moment.

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1 CINDY CARPENTER: Well, how about we just
2 come on back when we're done and take that one back up
3 again if she joins us.

4 MALE PARTICIPANT: I don't think Alice will
5 be joining the call today. But I'll see if we can get
6 an update tomorrow on that.

7 CINDY CARPENTER: That would be great.

8 MALE PARTICIPANT: So we are developing
9 those cost estimates. And we have not gotten them done
10 yet. (b)(5)

11 (b)(5)

12
13 CINDY CARPENTER: Okay, anything more on
14 that one? All right, then the next one is information
15 on evaporation technologies. No information on that one
16 right now? Okay, maybe we'll come back to that one
17 tomorrow evening then.

18 The next one is 13, direct requests from
19 the Government of Japan to Pacific Northwest Labs for
20 technical assistance for water decontamination and
21 storage issues. I think the lead on that is DOE.

22 MALE PARTICIPANT: You're right. I don't
23 know if that status has changed at all. I know that they
24 were discussing how do they somehow get the right
25 expertise.

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1 And I don't know whether or not this is where
2 we're starting to, I thought there was some comment in
3 there about a purchase order or something like that. But
4 I'm sure we're going to offer whatever assistance we can.
5

6 CINDY CARPENTER: All right. The next one
7 is to determine whether temporary (inaudible) processing
8 teams are available. And that's INPO lead?

9 BOB ADDY: Yes, this is Bob Addy from INPO.
10 We already provided that information to TEPCO on March
11 28th. And as a matter of fact, we have a phone call with
12 them between DTS and TEPCO engineers at 10 o'clock tonight.
13 So if we need to provide this information to NISA, who
14 in NISA needs it?

15 MALE PARTICIPANT: If you'd pass that to
16 Allan Blamey at the NRC team --

17 BOB ADDY: I will.

18 MALE PARTICIPANT: -- here in Japan we can
19 forward that during our 11 o'clock meeting and just let
20 them know that it's been provided. And in fact, if Lee
21 Gard is on, if you email it to him either one of us can
22 pass that back.

23 BOB ADDY: Okay, thanks.

24 MALE PARTICIPANT: And then when you talk
25 to TEPCO, if you could confirm with TEPCO that they need

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1 no more information, or what you provided was sufficient,
2 we can take it off the list.

3 And, I'm sorry, I'm rambling here. I'm
4 thinking. What if I get it and I pass it to NISA? Since
5 this should be a government to government issue, we can
6 probably take it off the list as well.

7 BOB ADDY: Right. And Lee Gard's on that
8 call at 10 o'clock this evening as well.

9 MALE PARTICIPANT: Okay, I'll see him at
10 11:00.

11 BOB ADDY: Okay, thanks.

12 LEE GARD: Lee Gard in the industry support
13 team Japan here. TEPCO has been put in touch with vendors
14 in the U.S., as well as a couple of plants that have some
15 (indiscernible, possibly "Nederman") filter units that
16 might be available.

17 So TEPCO is working directly with a vendor
18 in the U.S. with a contract to send quite a bit of equipment
19 over. And there'll be a number of calls over the next
20 couple of days to continue to work that issue.

21 MALE PARTICIPANT: Okay, so you're just going to
22 provide some of the information to me then and I'll pass
23 it to NISA and we'll close it?

24 BOB ADDY: Yes.

25 MALE PARTICIPANT: Okay, that sounds good.

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1 We'll be able to get a list of the equipment that is under
2 discussion that's being sent?

3 LEE GARD: As soon as we get that we can.
4 We don't have that from TEPCO yet.

5 MALE PARTICIPANT: Yes, but once again, this
6 is going to be a private industry to private industry
7 transfer.

8 BOB ADDY: That is correct.

9 MALE PARTICIPANT: Okay, yes. Once we get
10 the information then we can pass it on to NISA and if they
11 have no other involvement we could probably close it on
12 the government to government list.

13 BOB ADDY: I agree.

14 CINDY CARPENTER: Anything else on that one?
15 We'll move on to the next one then. Are there any
16 temporary holding tanks for removal or contaminated water?
17 I think that's a DOE lead.

18 MALE PARTICIPANT: So, Sal, all these
19 contaminated water things are you, so I know that Alice
20 has gone through and restructured a lot of them.

21 SAL DOLOUB: Yes, I don't know what
22 additional update there'd be at this point in time.

23 CINDY CARPENTER: Okay, well then let's wait
24 until tomorrow evening then on this one. The next one's
25 on the tanker trucks and the (inaudible) to investigate

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1 whether they've checked all the (indiscernible, possibly
2 "feature") books and handmade materials. All right, the
3 next one, Number 19, is germanium for my conductor
4 detectors.

5 WARDEN YILKE: This is Warden Yilke
6 (phonetic) from (indiscernible, possibly "Yangpo 1").
7 Items 13 and 14, or 30 and 31, those had INPO down as not
8 taking any action towards those, unless there is
9 (inaudible) would be more accurate (inaudible).

10 CINDY CARPENTER: All right. You want to
11 go back and take (indiscernible, possibly "measure
12 mediums") for my conductor detectors? You want me to just
13 gather from that?

14 RON CHERRY: Ron Cherry in Tokyo. And I
15 mentioned this in the last conference call. I think in
16 the next iteration of the spreadsheet that will go out,
17 you're going to see a break-down of the germanium
18 semiconductors in terms of HPGe that are being provided
19 to the National Institute of Public Health, the HPGe that's
20 being provided to MHLW, Food Safety Department, as well
21 as a device that's being provided to the Agricultural
22 Ministry and also requests from TEPCO, which DOE is still
23 considering. So that will all be broken down in the next
24 iteration.

25 CINDY CARPENTER: Okay, good, thank you.

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1 All right, the next item on the list is 34 and it's requests
2 for the following, it's 2,100 units, (indiscernible,
3 possibly "propane") units, 2,600 units for (inaudible),
4 51 units of bio-data (indiscernible, possibly "for the
5 mass"), and 43,000 unit items that were (indiscernible,
6 possibly "paid in").

7 (Inaudible). Sounds like, perhaps, they're
8 not on the line. So we'll pull that one for tomorrow
9 evening. And I have some other open requests then, Items
10 20 and 22.

11 It's cleaning ground radiation monitoring
12 devices, mobile and stationary. And I've got that down,
13 also DOE is the lead on that one, Ron Cherry.

14 MALE PARTICIPANT: Yes. So I believe
15 they've gotten approval to start setting up. And I think
16 there was some Sitrep activity that I saw this weekend
17 about the progress on it. So this is the ground supporting
18 array, I believe, is what they're working on.

19 RON CHERRY: Yes, this is Ron. With respect
20 to the fixed unattended ground monitoring devices,
21 there're eight of them.

22 We received, I think it was actually late
23 Friday, approval from the National Police Agency on the
24 eight police stations where these devices would be fixed.

25
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1 And we're now in the process, or I should
2 say the people who are going to be transporting the devices
3 out into the field on the U.S. side, are talking to their
4 Japanese counterparts to make sure that all the
5 transportation arrangements are in place to get the
6 devices to the locations where they'll be installed.

7 MALE PARTICIPANT: Great, thanks, Ron.

8 CINDY CARPENTER: The next item I have is
9 a (inaudible) the radiation (indiscernible, possibly
10 "for it to contain, then put monitors").

11 ALLAN: Yes. This is Allan (phonetic) at
12 the Embassy. We currently have a request in to the Japan
13 Government to discuss this issue. I believe there are
14 several that are ready to be shipped from the Bruce Station
15 in Canada.

16 However, we need some additional input from
17 the Government of Japan to determine if they need it in
18 the near term or if they would like them shipped by sea,
19 which would take, I think, like 25 days to get here. So
20 that request is currently with them.

21 RICK NEILSON: And, Allan, this is Rick
22 Neilson. Just to add a little bit more, Bruce will ship,
23 probably two of them, early next week.

24 They found that getting them ready was a
25 little bit more involved than they expected. So they

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1 expect to ship by air a couple of them early this week.

2 ALLAN: Okay, so that's two that they're
3 going to ship by air instead of four?

4 RICK NEILSON: I'm not sure about that. I'm
5 not sure how many. It's either two or four.

6 BOB ADDY: Rick, this is Bob Addy at INPO.
7 The message we have is they'll have two ready early this
8 week.

9 ALLAN: Okay, that sounds good. So it
10 sounds like, at this point in time, they plan to ship two
11 by air. And that would leave a total of 18 that would
12 be left that they could ship by sea, unless we hear
13 differently from the Government of Japan.

14 And do they need them now? And if they do
15 then we can talk about who's going to pay for the shipping
16 by air and try and get them in sooner.

17 Okay, so that's all that I had on that one.
18 We're essentially waiting for the Government of Japan's
19 feedback.

20 CINDY CARPENTER: All right, thank you.
21 All right, the next one I have is Item 21, it's the
22 monitoring devices that will (inaudible) cameras.

23 MALE PARTICIPANT: And, Ron, jump in. My
24 understanding is that stuff is in country. Whether or
25 not it actually made it to AIST I don't know. But I know

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1 that Ron and his counterpart have been chatting about the
2 equipment and all that. So I think we're in good shape
3 there. Ron, anything?

4 RON CHERRY: Right. First of all I want to
5 congratulate Jay and the team there on the excellent work
6 that they did in doing a very quick turnaround on the
7 transfer of title documents with the Japanese.

8 That was really good news from Saturday morning
9 when I saw that on my email. So thanks for that.

10 And as a result, once the equipment has,
11 in fact, been received at the site in Suva, then we're
12 looking to go out with METE (phonetic) to meet the
13 equipment.

14 And we're also now in the process of planning
15 for the technical team from DOE to come out and, possibly
16 as early as late this week, to begin working with the
17 Japanese. But there're some details on that that still
18 need to be clarified.

19 CINDY CARPENTER: Okay, thank you. The
20 next one is inclination of radiation shielding materials
21 for vehicles.

22 MALE PARTICIPANT: I don't think there's
23 any change to that. I will tell you that we have seen
24 from the papers they've sent us that, again, my
25 non-technical judgement on this is that they are greatly

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1 overestimating, I think, some of their shielding needs.

2 And I think they're looking at a lot of things
3 that are going on that happened in Chernobyl and making
4 some judgements what they think they need. So we, again,
5 stand ready to help them on this.

6 All of this relates to radiation mapping.
7 So until we get through some of those unknowns it's going
8 to be very hard for us to advise on exactly how much
9 shielding do these electronic circuits and things need.

10

11 MALE PARTICIPANT: Could you send us an
12 email to that effect, sir, to Ron?

13 MALE PARTICIPANT: Yes, so I think we did.
14 We were asked a series of questions about shielding.
15 And so I think we sent it (inaudible) kind of here's where
16 we see the levels of exposure starting to affect
17 microcircuits and things of that sort. I thought I sent
18 that out on Friday. But I can double check and see if
19 we didn't. Bill?

20 BILL: Thanks, I'm only asking. We're
21 working on the vetting process here at the Embassy and
22 we're hoping to pull this together.

23 So we want to make sure that all these
24 requests have gone back through the team, come through
25 you guys to see what (pause) is well placed or able to

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1 supply.

2 So we'll take things off this list too, if
3 it's either another country has them or if we feel like
4 it's not something we can or want to do.

5 MALE PARTICIPANT: And, Jay, I will look
6 for that again. And I'm pretty sure you guys were tied
7 in. I forwarded an email from Idaho, I believe.

8 MALE PARTICIPANT: Okay, we'll look for it.
9 We'll did through it. I think that's just going to be
10 one that's going to be open for awhile.

11 CINDY CARPENTER: All right, the next one
12 is for the use (indiscernible, possibly "in part") and
13 camera, that (indiscernible, possibly "Agama") camera.
14 And, DOE, do you have a lead for that?

15 MALE PARTICIPANT: Ron, I told you. That's
16 the same status as the robot in the --

17 CINDY CARPENTER: Okay, from nitrogen
18 testing iodide preparation, it talks about 1 million, 17
19 dose bottles.

20 MALE PARTICIPANT: The GOJ took that one
21 off.

22 CINDY CARPENTER: All right. The next one
23 is heat exchanger to be used with (indiscernible, possibly
24 "centrifugal").

25 MALE PARTICIPANT: Oh, sorry, we're looking

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1 at separation materials for mass is the one the GOJ took
2 off. Potassium iodide, 1 million dose, (indiscernible,
3 possibly "follows that") is still open. I'm sorry, I
4 mis-spoke there. It's basically what --

5 CINDY CARPENTER: Any update in the status
6 in that or is that still open right now?

7 MALE PARTICIPANT: Still open, Japanese
8 lawyers are still reviewing this one.

9 CINDY CARPENTER: All right, the next one
10 is heat exchange that can be used with (inaudible).

11 BOB ADDY: This is Bob Addy at INPO. That
12 status is correct. And they're working with a commercial
13 firm to provide those.

14 CINDY CARPENTER: Okay. Next one is
15 medical triage with respect to exposure to radiation,
16 decontamination capability.

17 MALE PARTICIPANT: Do we know who has the
18 lead on that? Again, I don't have the paper. I
19 apologize.

20 CINDY CARPENTER: I have DOD as the first
21 agency that's listed. DOD, (inaudible), DOE, USAID, NIH.

22 MALE PARTICIPANT: Right. So, Ron, isn't
23 there an inter-departmental team in town already, trying
24 to figure out how we're going to help them on this?

25 RON CHERRY: I'm sorry?

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1 MALE PARTICIPANT: I thought there was
2 already an inter-agency team headed up by, I thought it
3 was headed up by NIH or someone else on this whole thing
4 of the food and exposure and health risk and all that.

5 No?

6 RON CHERRY: I didn't (inaudible).

7 MALE PARTICIPANT: One other note on here,
8 the CIBRF, the (indiscernible, possibly "cambio") initial
9 response force, is also listed.

10 We've got a second worksheet on this
11 spreadsheet that are offers from the USG that don't
12 necessarily match up to requests that came through the
13 Hosono process. And we've got the CIBRF listed there as
14 well.

15 This is something we're trying to de-tangle.

16 We want to have two sections, basically, one for
17 everything we're doing and one specifically for GOJ
18 requests that came through the Hosono process.

19 MALE PARTICIPANT: Basically this
20 spreadsheet is going to be a pyramid. At its lowest level,
21 we're going to try and capture everything, even
22 historically what DOD has done under ODACA.

23 At different levels for different audiences
24 we'll break out the spreadsheet as needed. So you may
25 see some things added to the spreadsheet. We're working

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1 that here and making sure that it's all coherent.

2 As for other agencies in the U.S. Government,
3 there's a concern that this be the most comprehensive
4 document so everybody has the common operating picture,
5 and so that we can make sure everything is vetted and that
6 the Government of Japan knows everything that's on offer
7 from the U.S.

8 MALE PARTICIPANT: That's a great idea.

9 MALE PARTICIPANT: Yes, this is something
10 we'll be discussing offline. It's a little bit outside
11 of the scope of this call. But we're meeting later today
12 with representatives from the USFK (phonetic) and the
13 parties involved here and trying to develop this process
14 for a more comprehensive tracker, looking forward towards
15 some of the audits we're likely to get, and making sure
16 that we have captured all this information we're going
17 to need in a few months, in a year, et cetera.

18 We'll be sending that out in a little bit.
19 We'll send out an update by email after we have a better
20 understanding of where we're headed with this.

21 CINDY CARPENTER: All right, the next one is
22 information systems (indiscernible, possibly "from
23 Wichita"). (Inaudible) has no lead for that though.

24 We'll come back to that one tomorrow evening
25 then. The next one is incorporate Pacific Northwest Labs

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1 in decisive management dialogue (inaudible). And DOE,
2 you're listed as the lead for this one.

3 RON CHERRY: This is Ron in Tokyo. I
4 believe that we indicated on the last call that ought to
5 be closed because PNL is indeed part of the process.

6 CINDY CARPENTER: Okay.

7 ALLAN: Again, this is Allan on Item 25,
8 the one we skipped over. We're still waiting on the
9 Government of Japan for more information on that, so no
10 change.

11 CINDY CARPENTER: All right, the next one,
12 27, is U.S. cooperation in bringing private sector
13 engineers in for shielding. And, Allan, this is just an
14 NRC lead.

15 ALLAN: And I think all of these we haven't
16 heard anything back from the Government of Japan. So
17 we're kind of in a holding pattern right now for them to
18 come back and touch base with us. And then that would
19 Item 27, Item 29 and Item 29 Bravo.

20 CINDY CARPENTER: All right, there's
21 another one here. This is GE Hatachi and follow-up on
22 the nitrogen purge issue analysis.

23 MALE PARTICIPANT: We have the nitrogen
24 purge analysis. We're going to take a look at that. We
25 just haven't had a chance. It hasn't been bumped up in

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1 our priorities yet.

2 CINDY CARPENTER: Okay, and the next is NRC
3 also, 33 is clarified for the (indiscernible, possibly
4 "RFT") safety team, the indication that can be used to
5 assess the reactor pressure (indiscernible, possibly
6 "vessel") integrity or location of core?

7 MALE PARTICIPANT: Yes, we have received
8 the Unit 2 analysis. We have not received the Unit 3
9 analysis yet. And when I talked with them this morning
10 I know they're working on that as well.

11 But then it's a little bit lower for us.
12 We need to stay focused on the mitigative action, based
13 upon whether it's inside or outside the core. We need
14 to stay focused on the mitigative action. So we're
15 working with the headquarters RFT on that.

16 CINDY CARPENTER: Okay, thank you. The
17 next one, 34, is the (indiscernible, possibly "list of
18 all kinds of flow casting") that can be used for purging.

19
20 And the one after that, confirm the RFT
21 recommendation, that's the (indiscernible, possibly
22 "direct a pressure vessel injection") can be mapped to
23 (inaudible), so (indiscernible, possibly "containment to
24 purge is prevented").

25 MALE PARTICIPANT: Yes, both of those

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1 on-going with the work with the RFT.

2 CINDY CARPENTER: All right. And then all
3 of us from input say that they are closed. So are there
4 any new items or anything else that should be discussed
5 on this call?

6 ALLAN: Yes, this is Allan, I have one or
7 two odds and ends quickly. The NRC's having a meeting
8 today, probably around noon, to discuss taking this list
9 over and logistics moving forward.

10 So we'll probably have some further
11 discussions on that. I'm not sure if we'll have a chance
12 later today after that. But probably tomorrow at the
13 phone call we'll be able to discuss the results of that
14 meeting and how we can move forward with a smooth
15 transition.

16 In addition to that, with the calls that
17 we've had so far, I know that the headquarters ET with
18 the liaison people have been updating the list. But do
19 we have notes for the meetings or do we just update the
20 list?

21 CINDY CARPENTER: Andy, I'll ask you that
22 question.

23 ANDY: I think I can send you notes but
24 they're fairly cryptic. I think you just need to update
25 the list.

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1 CINDY CARPENTER: So it sounds like there's
2 no notes actually that are put together. But it's just
3 the update on the list done.

4 ALLAN: Yes.

5 ANDY: I don't think we can provide any notes
6 on this for some periods of time.

7 MALE PARTICIPANT: Yes, Andy, if you can,
8 even though they're cryptic, if you could at least send
9 those we'll take a look at them.

10 And then if we move forward, I eventually
11 start to bring this into more of a more formal process
12 here at the Embassy. That's one of the things I think
13 we'll need to talk about today with the path forward.
14 Because I think we do want to start to keep notes as well.

15
16 So also a list of what you consider to be
17 do-outs or actions that need to be taken here at the Embassy
18 so that, once again, we are all agreed on what needs to
19 be done.

20 Because we have a limited number of meetings
21 planned with the Japanese Government. And we want to make
22 sure we have an agenda going in so that we cover those
23 items.

24 Because then, if we lose a meeting, then
25 we're off for a few more days. So it would be very helpful,

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1 as these items are out, we're trying to take notes too
2 but if you would tell us what you think the do-outs are,
3 what the Embassy needs to be moving forward, that would
4 be helpful to us.

5 ANDY: So I think we can, with what's been
6 done so far, I think the list, we've been trying to capture
7 those on the list.

8 So we will need to sit down and go through
9 the list, generate those action items that we're still
10 waiting on the Government of Japan for, so we can present
11 those at the meetings that we have.

12 And then if there's any additional helpful
13 information that are in the notes, I understand they may
14 be cryptic, that you guys have, if you could send those
15 out we'll take a look at those as well.

16 And then at the meeting today at 12 o'clock
17 we'll determine how we're going to move forward on this
18 from the Embassy's perspective.

19 CINDY CARPENTER: All right. We do have
20 some notes and we --

21 MALE PARTICIPANT: Yes, we have an update.
22 Someone else has been taking far better notes than these.
23 But we have some help here.

24 CINDY CARPENTER: Okay, so we'll send those
25 to you.

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1 MALE PARTICIPANT: Yes, I think we're going,
2 we talked to the GOJ, Director General Miagawa, over the
3 weekend. And we're probably going to be moving toward
4 two meetings a week with Hosano group. And so it's going
5 become all the more important that we get every agenda
6 item in there.

7 MALE PARTICIPANT: What about the
8 sub-group?

9 MALE PARTICIPANT: Once a week also on
10 different days. Yes, we'll stagger it. So anyway, I
11 think that underscores the need to come in prepared with
12 a solid agenda.

13 CINDY CARPENTER: Is there anything else
14 for discussion? Any new items that we should add?
15 Getting none then, we'll talk to you all tomorrow night,
16 same time. Thank you, all.

17 (Multiple thank you's)
18
19
20
21
22
23
24
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(CONFERENCE CALL INITIATED)

0(75R3I613765094

OPERATOR: Chuck Casto coming on the ET
conference.

CINDY CARPENTER: Chuck, you on? Chuck,
you there?

CHUCK CASTO: Yes, we're on.

CINDY CARPENTER: Hey, how you doing?
Marty's here also.

CHUCK CASTO: Hey, Marty, Cindy, it's Elmo
and I.

CINDY CARPENTER: Hey, how you doing
(indiscernible, possibly "today").

CHUCK CASTO: Great, Monday morning.

CINDY CARPENTER: Almost.

MARTY VIRGILIO: Yes, somewhere in the
world, it's Monday morning for them.

CINDY CARPENTER: Yes.

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1 CHUCK CASTO: (Indiscernible, possibly
2 "Eight") o'clock somewhere.

3 MARTY VIRGILIO: Are we calling the Chairman
4 or is the Chairman calling in?

5 CHUCK CASTO: No, we need to call the
6 Chairman.

7 CINDY CARPENTER: Yes, we can call the
8 Chairman since the --

9 MARTY VIRGILIO: Hey, Chuck, Elmo, we're
10 going to get two or three guys after school, right?

11 CHUCK CASTO: Yes, sir.

12 ELMO COLLINS: Okay.

13 CHUCK CASTO: That happens to me a lot, by
14 the way.

15 MARTY VIRGILIO: Seems to happen to me
16 almost every day. (b)(6)

17 CHUCK CASTO: (b)(6)

18 (b)(6)

19 MARTY VIRGILIO: (b)(6)

20 (b)(5)

21 CHUCK CASTO: No, I didn't get that.

22 CINDY CARPENTER: (b)(6)

23 (b)(6)

24
25 CHUCK CASTO: (b)(6)

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1 (b)(6)

2

3 CINDY CARPENTER: (b)(6)

4 (b)(6)

5 CHUCK CASTO: (b)(6)

6 (b)(6)

7 CINDY CARPENTER: (b)(6)

8 (b)(6)

9 (Crosstalk)

10 MALE PARTICIPANT: So, Chuck, Elmo, it's
11 Marty, Cindy, Andy, Tom, (indiscernible, possibly "Eddie
12 Facey") here in the ET room.

13 OPERATOR: Chairman Jaczko is coming on the
14 ET conference.

15 CINDY CARPENTER: Thank you.

16 CHAIRMAN JACZKO: Hello?

17 CINDY CARPENTER: Chairman?

18 CHAIRMAN JACZKO: Yes.

19 CINDY CARPENTER: Hi, it's Cindy Carpenter.

20 And Marty Virgilio is here and Andy Campbell and Tom Blount
21 and (inaudible).

22 CHAIRMAN JACZKO: Great.

23 CINDY CARPENTER: And Chuck Casto and Elmo
24 Collins are on the call.

25 CHAIRMAN JACZKO: Okay. Hey, Chuck.

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1 CHUCK CASTO: Good morning, good evening.

2 CHAIRMAN JACZKO: How are you?

3 CHUCK CASTO: Good, we're good. Just a
4 quick update, sir. Unit 3 dry well, we've seen the
5 temperature increase. We have been and will pursue that
6 further today with them.

7 It wasn't a minimal decrease so we'll have
8 to take a hard look at that. Soon the release of the light
9 leak --

10 (AUDIO INTERRUPTION)

11 CHAIRMAN JACZKO: I lost you there for a
12 second, Chuck.

13 CHUCK CASTO: Okay. The RAD waste water,
14 we try to make announcement on that soon, the consequences
15 of stopping the leak, as we've talked before, coming up
16 in the trench again on Unit 2 in the turbine building.

17 CHAIRMAN JACZKO: Yes.

18 CHUCK CASTO: The T-Hawk flights, I saw they
19 started T-Hawk flights. And we should be able to get some
20 information, particularly from Spent Fuel Pools 3 and 4,
21 that's where we're most concerned. But they've
22 instrumented T-Hawk and we don't have the results of that
23 yet.

24 CHAIRMAN JACZKO: Okay.

25 CHUCK CASTO: I may have mentioned to you

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1 that they were working up a slurry mixture of sand and
2 other components.

3 And we were concerned about that slurry
4 mixture and the weight of it and what the consequences
5 might be for dumping slurry in the spent fuel pools.

6 After further discussion with them, they're
7 preparing that for a last option.

8 CHAIRMAN JACZKO: So they're going to hold
9 off on that for now?

10 CHUCK CASTO: Yes, the way they portrayed
11 it at the beginning, Mr. Hosano, was a little different.

12 But that's a long term option in the event of something
13 serious.

14 I guess one of the things that grabbed our
15 attention a little bit and made us re-focus was they sent
16 us a P&ID, a drawing of the cooling water system for the
17 reactors and spent fuel pools.

18 And it looked like a typical system, piping
19 and pumps. And when you think about it, you look behind
20 it, it looks really sophisticated on the drawing. But
21 in reality it's all just temporary hoses.

22 CHAIRMAN JACZKO: Yes, okay.

23 CHUCK CASTO: And I think that reminded us
24 that the fix, this water supply is temporary and highly
25 unconventional. And we have to push a little bit harder

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1 on longer term, more stable, more reliable cooling water
2 systems.

3 CHAIRMAN JACZKO: Yes, okay. And obviously
4 none of it is seismic related or Tsunami (indiscernible,
5 possibly "positioned").

6 CHUCK CASTO: That's right. But we're
7 afraid they're getting a little comfortable when they start
8 making up P&IDs of temporary hoses that look like piping
9 systems. So we're going to remind them that this isn't
10 a long-term solution here.

11 CHAIRMAN JACZKO: Yes, okay.

12 CHUCK CASTO: I think that's all for the
13 plant. With regard to our activities, hope of
14 headquarters, we're finalizing our comprehensive report,
15 which includes most of our assessments.

16 It'll give an overall picture of where we
17 think we're at to date. That includes some of the latest
18 products, which is a paper on what we call Option B, which
19 is long-term feed and bleed and the hazards of long-term
20 feed and bleed.

21 It also includes a stability document that
22 defines what is stable, and the MELCOR. We've got initial
23 feedback on MELCOR runs and we'll include that in there
24 as well.

25 CHAIRMAN JACZKO: And these are the MELCOR

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1 runs that you have kind of a more up-to-date core,
2 basically?

3 CHUCK CASTO: Yes, sir. In fact, they did
4 a time line. We helped them extensively with a time line
5 up to today. And then they'll be able to give us a better
6 perspective.

7 And then I think what we asked them is,
8 instead of looking at the site from if it's abandoned,
9 how many days do you have failure, we've flipped that
10 question around and asking how long can we go rather go
11 rather than how many days to failure.

12 ELMO COLLINS: If something happens and we
13 lose rejection, how much time do you have to react, respond.

14 CHAIRMAN JACZKO: Okay.

15 CHUCK CASTO: So the question was just
16 flipped around and makes it, I think, as opposed to how
17 much time you have to mitigate.

18 As I shared within the email, I think we
19 had a good conversation with USF&J and the Seventh Fleet.
20 And there'll have to be continuing work with them to look
21 at their procedures.

22 We're also building, with TEPCO and NISA,
23 a communications process in the event that an incident
24 happens, who they call and what's the time line on calling,
25 sort of like a 5072 process or something.

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1 We learned that after the earthquake the
2 other night, that we need to have some kind of immediate
3 communication process. And they've agreed with that.

4 CHAIRMAN JACZKO: Oh, good, good.

5 CHUCK CASTO: And then finally, Cabinet
6 meeting tonight, for us today's the one month anniversary.

7 And they both will say something. The Cabinet will say
8 something probably profound about that. And they'll
9 expect a little statement from us as well, so prepare to
10 do that.

11 CHAIRMAN JACZKO: Okay, good. And you work
12 with the Ambassador on that?

13 CHUCK CASTO: Yes, sir.

14 CHAIRMAN JACZKO: Okay.

15 CHUCK CASTO: Pass that by him and get his
16 feedback.

17 CHAIRMAN JACZKO: Okay, good.

18 CHUCK CASTO: That's the end of the brief
19 for us.

20 CHAIRMAN JACZKO: How are we doing with the
21 industry efforts, the U.S. industry efforts? Has that
22 gotten into a good rhythm?

23 ELMO COLLINS: Yes, Chairman, this is Elmo,
24 yes. Industry took the lead on that and they rounded up
25 several of the industry partners and have established daily

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1 interactions with TEPCO to talk engineer to engineer on
2 different issues, particularly valuable on the minimum
3 debris retention injection flow rate.

4 We gained a much better understanding of
5 the thinking of TEPCO and they gained a better
6 understanding of what we thought from the U.S. industry,
7 boiling water owners' groups.

8 And they really had not had the benefit of
9 the boiling water owner group CMG (phonetic) thinking.
10 And that group provided them all those documents.

11 CHAIRMAN JACZKO: Okay, good.

12 CHUCK CASTO: Yesterday the Seventh Fleet
13 brought in two reservist BWR SROs, one of them from
14 Monticello and I can't remember where the other gentleman
15 was from.

16 So it'll be a lot easier, I think, to
17 communicate with the Seventh Fleet and USFJ with a couple
18 of, one is also an instructor. So they spent a significant
19 amount of time here yesterday afternoon. So I think
20 that'll help out a lot.

21 CHAIRMAN JACZKO: And, Chuck, this is
22 probably not a question for you, but maybe for Cindy.
23 Do we know, I saw in your note last night, or it was in
24 last night's Sitrep, Vince Holahan was in for some relief.

25 MARTY VIRGILIO: Chairman, this is Marty.

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1 We've extended Vince another couple of weeks.

2 CHAIRMAN JACZKO: Okay, you were
3 comfortable with that?

4 MARTY VIRGILIO: So the 28th is what Tom
5 is telling me, to the 28th.

6 CHAIRMAN JACZKO: Oh, okay. And he's
7 comfortable with that?

8 MARTY VIRGILIO: Yes, he is.

9 CHAIRMAN JACZKO: Okay, good. Anything
10 else that you had for me?

11 MARTY VIRGILIO: Not from Japan.

12 CINDY CARPENTER: And nothing here that I
13 know of. Anybody around the table? Chairman, that's all
14 from here also.

15 CHAIRMAN JACZKO: Okay, great. Marty,
16 anything you had?

17 MARTY VIRGILIO: No, sir. We fixed that
18 Sitrep. So if you get a chance to read the next version,
19 which is 1800, all the language that you and I had
20 communicated about via email has all been revised.

21 CHAIRMAN JACZKO: Good, excellent, thank
22 you. Okay, well, thanks, everybody.

23 CINDY CARPENTER: Thank you, have a good
24 evening.

25 CHAIRMAN JACZKO: I'll see some of you

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1 tomorrow.

2 CHUCK CASTO: Thank you.

3 ELMO COLLINS: Goodnight, Chairman.

4 MARTY VIRGILIO: The Chairman's off.

5 CINDY CARPENTER: Hi, Chuck and Elmo.

6 CHUCK CASTO: Hello.

7 MARTY VIRGILIO: One of the things that I
8 wanted to talk to you all about with the team here, Chuck,
9 was we have a lot of different documents under development.

10 And to me, right now it's not clear what
11 the purpose of each of these documents are. And I think
12 that would help us all to focus on what the purpose is.

13 Tom has put together a matrix that, I don't know, have
14 you sent that to Chuck yet?

15 TOM BLOUNT: No, we have not.

16 MARTY VIRGILIO: At some point later this
17 evening we'll send it to you. It still needs another field
18 in it, which would be purpose of the document.

19 But it lays out all of the different documents that
20 we're working on, including your comprehensive global
21 assessment stability document, the composite analysis
22 we're doing here, and the State Department document on
23 re-entry, Reactor Safety Assessment Revision 2, the
24 overall spent fuel pool assessment document, and several
25 others.

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1 And it sort of jarred me when I saw Tom's
2 table, and Cindy and I were talking earlier, as to how
3 many different documents we have under development and
4 how many of them are interrelated to each other.

5 One of the things that you could help me
6 with in the short term is understanding what you see as
7 the purpose of the global assessment document.

8 CHUCK CASTO: I think there's a couple of
9 purposes for it. One, we wanted to stand back and just
10 take a look at where we're headed, and what has happened
11 and where we're headed, to decide is there a pivot point
12 there.

13 Is there something in all these documents,
14 when you look at them globally, that provides us with the
15 thought of a new direction or different directions, or
16 that we're continuing on in the right path, that we're
17 doing the right things.

18 I think that the overall purpose of it was
19 to try to get us focused. And as you said, Marty, we're
20 all over the place with documents.

21 So if we narrow down to a couple of focus
22 areas and keep focused on that, and maybe one document
23 for each focus area, then it's sort of a game plan that
24 keeps us on track and not diverted by a lot of other
25 ancillary kind of areas.

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1 So it would be our strategic, we were pulsed
2 a number of times about what's the NRC's strategic plan
3 on this, much like TEPCO's developing their long-range
4 plans, long, short and medium range plan.

5 I believe the document would serve as a basis
6 document for a plan going forward, a strategic plan for
7 lack of a better word, going forward.

8 ELMO COLLINS: Yes, I would add too, Marty,
9 just to elaborate a little, basically a snapshot of where
10 we've been and what we've done. Not to be anything
11 definitive or final, but there's been a lot of work done
12 in the last few weeks.

13 Take a look at that to make sure we understand
14 where we're at and what we've established in terms of
15 communication, I'll say penetration in information
16 sources, how do we know what's going on. And that will
17 help us know how to move forward.

18 CHUCK CASTO: I think it just gives us a
19 hand hold of where we're at now. And I could see that
20 it would be updated every month or so and would be, maybe,
21 the official record of what we did and where we were at
22 at the time.

23 MARTY VIRGILIO: My thinking last night
24 about this, after Elmo and I got off the phone, was would
25 it be better to restructure that just slightly so that

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1 you're relying more heavily on attachments or enclosures.

2 CHUCK CASTO: That was what it was intended.

3 I haven't seen it lately.

4 ELMO COLLINS: I think that is our intent,
5 they could rely heavily on attachments.

6 MARTY VIRGILIO: Right now I think it's more
7 of information drawn out of various other documents, which
8 I think makes it a little bit unwieldy and hard to keep
9 current, as opposed to just putting in and taking out
10 attachments as we update them.

11 CHUCK CASTO: Yes. And what was originally
12 intended, and I haven't seen the document, but what was
13 really intended, each of those assessments in the table
14 of contents would be an appendix.

15 MARTY VIRGILIO: And that's where you and
16 I were, Chuck. I remember when you'd laid out the vision
17 of that. And it's evolved somewhat from that.

18 And I think we need to go back to the original
19 vision of a series of appendices that you're not trying
20 to keep up with this on a daily basis. Because, for
21 example, plant conditions change it.

22 CHUCK CASTO: Yes, we'll do that, Marty.
23 That was the original intent and we'll make sure that we
24 stay true to that. Because the idea was those assessments
25 would be attachments. And you would take the salient

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1 points out of each attachment and bring it forward into
2 a summary --

3 ELMO COLLINS: An Executive Summary.

4 CHUCK CASTO: -- into a summary document.

5 And then combine all those salient points into a couple
6 of focus areas. And that would be the model.

7 MARTY VIRGILIO: Yes. Because I could see
8 that our daily situation report could provide the
9 attachment that would give us the plant status. And so
10 you wouldn't have --

11 CHUCK CASTO: I just weave that in every
12 day. Yes, we'll take another look at it and see what we
13 can do to structure that a little bit cleaner.

14 MARTY VIRGILIO: Okay. Because we have the
15 composite document now, which I think is going to include
16 what defines stability for the reactor, both in the near
17 term. And this gets you away from the hoses, I think,
18 to commercial grade equipment for Phase 1 stability.

19 CHUCK CASTO: Yes. That's, I see, as our
20 focus area, is the stability document. In fact, my intent
21 is, we had this daily assessment where we are developing
22 every day for the Ambassador and passing that around.

23 I would sunset that and restructure a tool
24 that reflects the stability document, which was what we
25 really wanted originally, was kind of more of a time line

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1 than a status.

2 So the stability document would serve, we
3 would get a tool out, visual, that shows you how far along
4 we are in the stability document. And we would sunset
5 the red light chart.

6 MARTY VIRGILIO: Right. In addition to the
7 composite document, it's also going to have what we call
8 grab and go. And also have what we look at as terms of
9 a relaxation of the 50 mile EPZ.

10 So all that's now in what we're calling the
11 composite document that we're starting the interagency
12 review and approval on.

13 CHUCK CASTO: Well, how was that document
14 compared to the global assessment? Is that part of that
15 or is that the same document or a different document?

16 MARTY VIRGILIO: In my view, it would be
17 an attachment to your global assessment.

18 CHUCK CASTO: Okay, all right. It's an
19 attachment, all right.

20 MARTY VIRGILIO: And so we would need to
21 restructure your global assessment to realize that the
22 composite document would serve several purposes.

23 Now on the relaxation of the 50 mile EPZ,
24 I think we're going to need some help from you. Because,
25 in my view, that hinges on a number of things.

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1 First it hinges on the stability of the
2 reactor and the spent fuel pool. If, in fact, we're in
3 Phase 1 stability, I think we're still going to need dose
4 projections in case something goes wrong, right.

5 Because we're still relying on commercial grade
6 equipment. And I think Phase 1 stability is something
7 that we likely can achieve with still some potential for
8 a release.

9 I also think that, with respect to the
10 relaxation of the 50 mile, if we do it on Phase 1 stability
11 -- which is another question -- do you do that on Phase
12 1 stability or do you wait until you get to Phase 2
13 stability, which is an issue that I think we're all going
14 to need to put our heads together around and think about
15 from a reactor and spent fuel pool standpoint.

16 Does Phase 1 stability provide a reasonable
17 amount of confidence and a sufficient amount of confidence
18 to relax the 50? And it's just one element to relaxing
19 50.

20 The other elements to relaxing 50, I think,
21 is ground deposition. And the third element, which we
22 haven't really done much work on, is what is the condition
23 of the infrastructure.

24 And that's where I think I need your help
25 right now. If you can get the military folks to give us

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1 some perspective on the condition of the roads,
2 communications, transportation, and the overall
3 evacuation plan, if we go in and have to come back out
4 again. Do you follow me?

5 CHUCK CASTO: Yes. And off the top of my
6 head, I don't think there is any problem with that at all.

7 MALE PARTICIPANT: Not adding enough water
8 --

9 CHUCK CASTO: Obviously you don't have
10 sirens or anything, but the infrastructure, in terms of
11 roads and all that, my understanding there is no obstacle
12 there at all. But I don't want to detract you from your
13 thought here.

14 MARTY VIRGILIO: Yes, because if we say that
15 we could relax based on Phase 1 stability, with some
16 potential that things could go south, then I think we would
17 need to have in place a good plan.

18 Okay, so you don't have sirens. But do you
19 have somebody in trucks with mounted loudspeakers that
20 could route people and get them out? And do you have buses
21 that they could get on to take them out?

22 Those are the kinds of things that you would
23 say that maybe it was Phase 1 stability. You could
24 actually relax the EPZ. But if you can't then maybe you
25 have to go to Phase 2 stability before you relax the EPZ.

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1 CHUCK CASTO: I see what you mean.
2 Basically, if you have a solid E plan, you might be willing
3 to do Phase 1. If you don't have a solid E plan then you'd
4 have to wait for Phase 2.

5 MARTY VIRGILIO: And I'm just talking about
6 you as citizens right now, safety and --

7 CHAIRMAN JACZKO: An then what's the point
8 of the sirens? Because if --

9 CHUCK CASTO: Because it's early warning.
10 Do you have some kind of early warning proper. It would
11 have to be --

12 CINDY CARPENTER: (Inaudible) in may ways,
13 right?

14 MALE PARTICIPANT: But I think the point
15 is still valid. Is there a mechanism to notify the
16 citizens. And maybe it's a phone call. Maybe it's some
17 other tool. Maybe it's a, we use radios here, the alert
18 radio.

19 I don't know what they have available for
20 them there. But it is (inaudible) that there's some tool,
21 device, whatever, that's available to take advantage of
22 that, that serves the same purpose, essentially.

23 MARTY VIRGILIO: And we would look at
24 relaxing the 50 mile EPZ for the Americans but also give
25 the Japanese something to think about with respect to

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1 relaxing their 30 kilometers.

2 CHUCK CASTO: For me, Marty and folks,
3 that's the important point. Because there're very few
4 Americans in the 50. It's a handful.

5 And I don't know that there's a significant
6 numbers who want to return. So I think what you're
7 building, basically, is a suggestion or a model for the
8 Japanese.

9 MARTY VIRGILIO: Okay, good.

10 CHUCK CASTO: They will appreciate it and
11 that's good. And also, I'm sure we have, and they are
12 checking the ingestion pathway side of that too. And I
13 know they've already made a decision about rice fields
14 and all that. And that's what Marty meant by grounded
15 position.

16 ELMO COLLINS: But we're working on to have
17 a stability document, right?

18 CINDY CARPENTER: (Inaudible). I think all
19 of us kind of (inaudible) back here.

20 MALE PARTICIPANT: Who's working to have
21 an ability document at all, do you know?

22 ELMO COLLINS: I don't know but I saw a draft
23 of something. CINDY CARPENTER: What
24 do you mean by have an ability?

25 MARTY VIRGILIO: Wasn't that a Naval

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1 Reactors' document?

2 ELMO COLLINS: Yes, what I saw was a Naval
3 Reactory document.

4 CINDY CARPENTER: Oh, okay.

5 MALE PARTICIPANT: So we commented on it,
6 I believe, a couple of nights ago.

7 CINDY CARPENTER: Okay.

8 CHUCK CASTO: I don't think, from my
9 perspective, there's not a great deal of urgency about
10 the relaxation. I think the Japanese are doing the
11 ingestion pathway thing.

12 And basically there's a lot of people going
13 back at risk, Japanese people going back at risk. And
14 they do have monitoring. So this is important. There's
15 no doubt about it. But I'm not getting a lot of pressure
16 from anyone to address this area.

17 MARTY VIRGILIO: Okay.

18 CHUCK CASTO: I think the stability document
19 and working on trying to encourage the Japanese to move
20 along with the stability document is the important vector.

21 MARTY VIRGILIO: Yes, especially Phase 1,
22 based on what you've said about them being proud and
23 developing P&ID for things that --

24 CHUCK CASTO: (b)(5)

25 (b)(5)

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5

1 ELMO COLLINS: Well, I asked them when they
2 handed it out. I said are these pipes or hoses? They
3 said hoses. These pumps are temporary pumps. So just
4 to emphasize the temporary nature of the system.

5 CHUCK CASTO: When we looked at their plan,
6 short, medium and long-term plan, I saw that it was June
7 before they had water above the top active fuel (b)(5)

8 (b)(5)
9
10

11 And basically it's because of the
12 infrastructure, the pumps. So we need to encourage them
13 gently that they need to be thinking about another system.

14 They're doing both things. Well, they're
15 doing one thing. They're adding redundancy to the
16 existing system but it's more of the same.

17 But we need to encourage them to think about
18 the next level of system, more permanent, more capable
19 than what they have right now.

20 MALE PARTICIPANT: Right, at least
21 commercial grade, something that would pass the smell test
22 and not be reliant on hose and wood clamps.

23 CHUCK CASTO: So we'll probably increase
24 our attention to that. And that'll be the primary focus,
25 is to get something more robust.

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1 ELMO COLLINS: Well, that's a target in the
2 Phase 1 stability.

3 MARTY VIRGILIO: Right.

4 CHUCK CASTO: So they need to reach Phase
5 1. And whenever we get it to them, and final and all that,
6 then we need to bring that up at a Cabinet meeting and
7 stress the urgency of reaching Phase 1 stability.

8 MARTY VIRGILIO: Have you looked at Phase
9 1 stability recently?

10 CHUCK CASTO: No, I think yesterday I heard
11 there was some significant revision to it after some of
12 our peers reviewed it.

13 ALAN POWELL: Hey, Chuck, this is Alan
14 Powell (phonetic). We sent the updated version of the
15 Phase 1 facility to the team probably about an hour, hour
16 and a half ago.

17 CHUCK CASTO: Is there an issue, Alan?

18 ALAN POWELL: We sent the updated one to
19 you about an hour ago, hour and a half ago.

20 CHUCK CASTO: I saw that. I haven't read
21 it yet. Thank you. There's nothing in there, you don't
22 need anything. It's just the latest one, right.

23 ALAN POWELL: Unless there's any additional
24 comments, that's the available information we had. But
25 if there's updates to it we certainly will take a look

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1 at that.

2 CHUCK CASTO: If we're in a place where I
3 can ask for some help, I'd like to ask for something.
4 Mr. Hosano had asked me to engage with the French,
5 particularly AREVA.

6 I know they have eight people here in Tokyo.
7 They did have eight, I'm not sure if they have more or
8 less or what it is now. INPO had one dialogue with AREVA
9 and then AREVA --

10 ELMO COLLINS: They showed up the first day
11 and then disappeared.

12 CHUCK CASTO: -- and then disappeared. But
13 they've asked us to engage AREVA, they being the Japanese.
14 Hosano asked us to engage AREVA.

15 Al was going to give me the business card
16 for whomever it was at AREVA that was here. But I don't
17 have that yet.

18 But if you all have contacts with AREVA or
19 can get contacts with AREVA to me, if we're willing, or
20 if it's acceptable, or if it's beneficial for them to become
21 part of the consortium of people reviewing these documents
22 back there, or we can also link up with them here in Tokyo.

23 And I was going to have Brian Wittick do
24 that liaison here in Tokyo when he gets here. My vision
25 for him would be to liaison with USF&J, the Seventh Fleet,

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1 and people like AREVA.

2 Mr. Hosano also suggested he will be reaching
3 out to the Russians. He had not done that yet. But they
4 would be reaching out to the Russians.

5 And the suggestion was that we would also
6 include them in any of our discussions, or at least in
7 some of our discussions.

8 So I was hoping to use Brian as that liaison
9 to that consortium of people. But if you all have contacts
10 with AREVA, that would be helpful if we could make that
11 connection.

12 ALAN POWELL: Yes, I think we can work that
13 on day shift through NRO.

14 (Crosstalk)

15 CHUCK CASTO: I'll continue to try to get
16 the contact here.

17 MALE PARTICIPANT: Yes, if we didn't do
18 anything but ask them to get back to us, we (inaudible).

19 CINDY CARPENTER: Chuck, if you don't mind
20 I want to come back to the global assessment.

21 CHUCK CASTO: Yes, I'm sorry. I
22 distracted.

23 CINDY CARPENTER: No, I'm sorry. The staff
24 here has sent you comments on that. (Indiscernible,
25 possibly "Who has been named") to do more work with that?

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1 Do you need help from us back here on that?

2 CHUCK CASTO: Mike Case has been doing all
3 the work on the global assessment.

4 CINDY CARPENTER: Okay.

5 CHUCK CASTO: And we talked last week. And
6 with the Secretary coming out Sunday I was hoping that
7 the global assessment would roll up into some high level
8 talking points that we could give to her staff as an update,
9 and the Ambassador.

10 When she gets here Sunday she'll be here
11 for five hours. And that visit, I think, at work today
12 or tomorrow it will be announced. It's not a classified
13 visit or anything. They're announcing it.

14 MALE PARTICIPANT: So we would not give her
15 the global assessment? And we're just --

16 CHUCK CASTO: No, there's no way they would
17 take that.

18 MALE PARTICIPANT: Right, that's what we
19 were thinking too.

20 CHUCK CASTO: But if we had some slides or
21 something that we could hand her and her staff, here's
22 the situation as we see it.

23 So that wasn't the original intent of the
24 global assessment but I thought it helped out with the
25 timeliness of it and the utility of it. We could tell

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1 her we've done a global assessment and here's the outcome
2 of that, at least at this point.

3 MARTY VIRGILIO: Okay. Well, it would
4 help, I think, if we could work this shift and next shift
5 to make sure that we had a purpose for each of the documents
6 that we were developing.

7 And maybe some idea of a structure of how
8 one relates to another. And I'm good with your notion
9 of the global assessment being the highest level document
10 and all of these other pieces possibly being attachments.

11 CHUCK CASTO: I think that's really good,
12 Marty. It's a good thought. And I really liked the other
13 day when I saw somebody started developing purposes for
14 each of the documents. And I thought that was really good.

15 And then if we could number them, table of
16 contents and then in the future all documents fit in there
17 somewhere. And why are we doing this, what's the purpose
18 of this, and how does it fit into the overall picture.

19 Then we could have it already numbered.
20 And eventually that thing will turn into a new reg of some
21 kind. And then it's the Agency's official record of our
22 activities here.

23 MARTY VIRGILIO: And it would also help us
24 with version control. Because we would slip in and out,
25 dated revisions, these are your attachments. And so you

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1 would know easily where you are as new attachments, or
2 revisions, come out.

3 CHUCK CASTO: And what I was trying to
4 suggest was, as you come up with the individual points
5 in this assessment from that would fall out actions. And
6 those actions would be our long-range, short-range plan,
7 medium range plans.

8 Each of the global points in there would
9 then have an action plan that would keep us on track and
10 focused.

11 MARTY VIRGILIO: Right, for example towards
12 stability, Phase 1.

13 CHUCK CASTO: Right. And then rather than
14 just sit and wait for them to reach that, whether it would
15 be actions and activities that we would develop to say,
16 okay, this is how we help them get there.

17 We need to show them, I don't know how to
18 say this diplomatically, but we need to help them with
19 a path forward.

20 MARTY VIRGILIO: Yes. If you just focus on
21 the reactor and spent fuel pools, you've got the reactor
22 Safety Assessment Revision 2, which is driving them to
23 implement certain severe accident management guidelines.

24 And you have the stability document, which
25 is driving them to have commercial grade structures,

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1 systems, and components in place. So I could see a few
2 of those working in the near term.

3 CHUCK CASTO: I think what I'm seeing, you
4 or the Chairman asked about the industry efforts. I think
5 what is developing as we go forward is that the industry's
6 doing a very good job at being a TSO, a technical support
7 organization.

8 I think what I'm seeing is that the NRC is
9 really building the infrastructure and the processes and
10 procedures and the direction.

11 The industry is helping with each step,
12 educating and informing and working with the calculations
13 and all that.

14 But really the direction and the plan is
15 coming out of the NRC shop. So it's actually, I don't
16 know, it wasn't designed to be that way but it's turning
17 into a good compliment, I think.

18 MARTY VIRGILIO: Well, maybe another
19 attachment for your global assessment that gets to the
20 infrastructure.

21 CHUCK CASTO: Right.

22 DAVE HERMAN: This is Dave Herman. I'd
23 agree with that assessment that in sitting in on some of
24 RFT's phone calls with the consortium, it seems that the
25 industry folks, they shy away from any kind of policy type

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1 of decision making or suggestion.

2 They are real good with the technical, as
3 you said, but they're not willing or not able, somehow,
4 to venture into that policy and strategy world that much.

5 CHUCK CASTO: Yes, that was a good way to
6 articulate it, Dave. It just struck me yesterday when
7 I was watching, particularly Allan Blamey. And he's like
8 a maestro with all these documents and procedures.

9 And it just struck me that we really are providing
10 the path forward and the direction and infrastructure.
11 And without us I think it would be a little bit difficult
12 to move forward.

13 The industry's good at giving us data and
14 the communications, and the technical support. So I just
15 frame it in your mind that way, from what I'm seeing out
16 here anyhow.

17 MARTY VIRGILIO: Okay, anything else?
18 Chuck, Elmo, anything from you?

19 CHUCK CASTO: NO, Elmo had to go to the staff
20 meeting. But I think we're good. I appreciate all the
21 help. It was a good phone call.

22 MARTY VIRGILIO: All right, good job.

23 CINDY CARPENTER: Anything else we can help
24 you with?

25 CHUCK CASTO: Oh, yes, there is one other

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1 thing. I'm sorry. You wont' ask that question again.
2 Just teasing you.

3 The DORT (phonetic) team leaves at the end
4 of the month. And it's not altogether clear to me what
5 happens when they leave. And I'm worried now the details
6 of who arranging travel, who's paying for travel, what
7 happens to the hotel, all those details.

8 MARTY VIRGILIO: We've started working on
9 that today. Michele Evans has got the lead on that. And
10 we're fortunate that we had Jim Dyer on day shift. Because
11 we were able to talk to Jim a little bit about how do we
12 make that transition.

13 As a matter of fact, the transition is
14 starting. They have downsized as of today. And Michele
15 is scrambling and trying to make them scramble a little
16 bit to make sure we get, I think we're working on four
17 people, well, we're working on six all together. But I
18 think we were trying to get four people on the plane
19 tomorrow.

20 (Crosstalk)

21 MARTY VIRGILIO: Six on Tuesday?

22 CINDY CARPENTER: Tuesday, 10:00 p.m.

23 MARTY VIRGILIO: And then what happens?

24 (Crosstalk)

25 MARTY VIRGILIO: That's right, we hadn't

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1 identified the three more for Friday.

2 CINDY CARPENTER: Right, so we've got six
3 Tuesday, right.

4 MARTY VIRGILIO: And I guess that the
5 instant fire drill today that Michele and I were working
6 on was do we need to call the six. I don't think she used
7 the word emergent or --

8 MALE PARTICIPANT: It was a high powered
9 phrase and we sent it on to USAID. But they won't see
10 it until tomorrow because there's no one there at their
11 center today.

12 MARTY VIRGILIO: So we're going to make them
13 scramble. But we only have them for a limited amount of
14 time, as you've identified. And we need to take over the
15 responsibility for paying for all of this other stuff,
16 and coordinating it.

17 CHUCK CASTO: That's going to be quite the
18 challenge.

19 MARTY VIRGILIO: I think so. And we're
20 going to need to make sure that we got the right point
21 of contact in the line organization. Because it's not
22 going to be something we're going to be able to manage
23 out of the op center.

24 So Michele's on point for that issue. And
25 I think she's well aware. As a matter of fact, our embedded

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1 staff member in AID is out. They've scaled back to the
2 point that we don't even have an embed anymore.

3 MALE PARTICIPANT: Yes, that was Jason
4 (phonetic) and he's out.

5 CHUCK CASTO: Well, you guys will do it.
6 You'll get it. It won't be a problem. But just wanted
7 to highlight that.

8 And I don't know if we have to go in for
9 some kind of supplemental funding for this. It'll be quite
10 expensive to keep this many people out here for this long.

11 MARTY VIRGILIO: Well, Jim is already
12 working on that for a reprogram request. He's broken it
13 down into three phases that he's working with OMD on.
14 And it's roughly (b)(5) for the three phases.

15 CHUCK CASTO: Wow. Well, I can cut back.
16 I don't have to eat lunch if that's --

17 MARTY VIRGILIO: Well, at \$40 a bowl of soup,
18 we'll have to put you on a diet. I don't think we can
19 afford lunch.

20 CHUCK CASTO: I need to be on a diet anyhow.
21 But just say the other night, we had a great time Saturday
22 night. (b)(6)

23 MARTY VIRGILIO: (b)(6)

24 CHUCK CASTO: (b)(6)

25 MARTY VIRGILIO: Oh, okay.

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1 CHUCK CASTO: (b)(6)

2 (b)(6)

3 CINDY CARPENTER: And what did Federal
4 Express (indiscernible, possibly, "come over to you")?

5 CHUCK CASTO: Yes. Not that I was imbibing
6 a lot. That wasn't 20 for me.

7 (Laughter)

8 MARTY VIRGILIO: Well, we'll be working on
9 this list or matrix of all the documents, trying to define
10 what the purpose of each one is, trying to think about
11 how we could consolidate some of the documents.

12 If you could give us some support on terms of
13 infrastructure, what plants do they have, communications,
14 roads, transportation, some of those things. And, Chuck,
15 I sent this document matrix to you and Elmo just ten minutes
16 ago or so.

17 CHUCK CASTO: I think that matrix will help
18 out a lot and keep us focused in the global assessment
19 and everything, try to keep us focused. So I think all
20 that work is tremendous.

21 MALE PARTICIPANT: Well, if you have some
22 thoughts on purposes for each of them, any help will be
23 greatly appreciated. And we'll continue, as Marty said,
24 working from here.

25 CHUCK CASTO: All right, thanks, folks. I

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1 appreciate all the support --

2 MARTY VIRGILIO: All right. (Inaudible)
3 here.

4 CINDY CARPENTER: Have a good day.

5 MARTY VIRGILIO: Hey, when's our next call?

6 CHUCK CASTO: Usually I do the 7:30 with
7 the Chairman, 7:30 in the morning, 6:30 your time. So
8 unless something emergent comes up I guess we would do
9 it the same time tomorrow.

10 MARTY VIRGILIO: Okay.

11 CHUCK CASTO: Does that work for you with
12 time. Let's see, it's keeping you a little late.

13 CINDY CARPENTER: It's 6:30 our time, when
14 you're on with the Chairman.

15 CHUCK CASTO: Yes,, so it's up to you all,
16 whatever you want to work out.

17 MARTY VIRGILIO: We're going to be in the
18 new mode tomorrow. So does that change what time we want
19 to have the phone call tomorrow morning? It would be
20 tomorrow night, 7:30 --

21 (Crosstalk)

22 CINDY CARPENTER: 6:30 our time.

23 MARTY VIRGILIO: 6:30 p.m. for us.

24 CINDY CARPENTER: We're going to have an
25 ET director here.

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1 CHUCK CASTO: Right, but is there some
2 reason that we need to --

3 MARTY VIRGILIO: We'll work it out offline,
4 Chuck.

5 CHUCK CASTO: Yes. That's not a problem.
6 Just tell us what time and we'll do it. It doesn't really
7 matter.

8 MARTY VIRGILIO: Yes. I don't know if
9 there's value in catching you after. You still have the
10 8 o'clock meeting every night, right?

11 CHUCK CASTO: Yes, right. Well, it's
12 actually the, what would it be, 7 o'clock in the evening
13 your time would be our 8:00 a.m. meeting.

14 MARTY VIRGILIO: What time is your meeting
15 with the Cabinet, folks? I thought that was an evening
16 --

17 CHUCK CASTO: Oh, yes. That meeting is at
18 7:00 p.m., yes, sir. And so that always works out at 9:00
19 p.m. my time, which would be like 7:00 a.m. your time,
20 8:00 a.m. your time.

21 MARTY VIRGILIO: Would it be best to shift
22 this around so that we could talk after you come out of
23 the Cabinet meeting?

24 CHUCK CASTO: Yes, that would be great. So
25 we would call you at say 9:00 p.m., which would be 8:00

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1 p.m. your time, or 8:00 a.m. your time. Something like
2 that would be great.

3 MARTY VIRGILIO: That would be good, just
4 to make sure that we've got the latest status from you.
5 Because I always feel like there's a lot of time that
6 passes between your meeting with the Cabinet and when we
7 touch base again.

8 CHUCK CASTO: Right, so we can switch to
9 the evening. That's fine. We always come back here
10 anyhow after the Cabinet meeting and debrief and gather
11 our stuff and do everything we need to do.

12 So we're always back here that night. But
13 that's only every other night now. It's only Monday,
14 Wednesday and Friday.

15 MARTY VIRGILIO: All right, well, let us
16 work on that with the new team that we put into place,
17 think about when would be the best time to communicate
18 with you.

19 So maybe the Chairman has a call with you.
20 Maybe we have one call where the Chairman gets his business
21 out of the way. He drops off and then we just stay on.

22 CHUCK CASTO: Right.

23 MARTY VIRGILIO: We'll figure it out.

24 CHUCK CASTO: Figure it out and let me know.
25 We'll support whatever you need.

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1 MARTY VIRGILIO: All right, but you've got
2 the Monday, Wednesday, Friday at 8:00 p.m. your time,
3 right?

4 CHUCK CASTO: Let's see, it's 7:00 p.m.

5 MARTY VIRGILIO: 7:00 p.m. your time.

6 CHUCK CASTO: Yes, we moved it to 7:00 p.m.,
7 Monday, Wednesday and Friday.

8 MARTY VIRGILIO: All right.

9 CHUCK CASTO: Okay, folks, thanks for all
10 the help. I'll get you the infrastructure information.

11 MARTY VIRGILIO: Okay, good.

12 CINDY CARPENTER: Thank you.

13 CHUCK CASTO: All right, thank you, folks.

14 CINDY CARPENTER: Okay, bye.

15 MARTY VIRGILIO: Bye.

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NUCLEAR REGULATORY COMMISSION

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1
2 (CONFERENCE CALL INITIATED)

3 0(82I0M613765094

4 HEADQUARTERS OPERATIONS OFFICER:

5 Chairman Jazcko is coming up on the bridge.
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(CONFERENCE CALL INITIATED)

0(82IC2613765094

FEMALE PARTICIPANT: Hello?

JIM DYER: Hi, this is Jim Dyer.

FEMALE PARTICIPANT: Hi. Mr. Dyer, this is Katina (phonetic). I was calling to patch the chairman through for his 8:45 call.

JIM DYER: Okay.

KATINA: Okay, hold on one moment.

CHAIRMAN JACZKO: Hello.

JIM DYER: Good morning, Chairman.

CHAIRMAN JACZKO: How are you?

JIM DYER: Hi, good. This is Jim Dyer.

CHAIRMAN JACZKO: Hi, Jim.

JIM DYER: Marty (phonetic) is here and with some of our team too.

CHAIRMAN JACZKO: Great.

JIM DYER: But the reason I didn't try to reach you at 7:15, I was actually on the phone with Chuck.

CHAIRMAN JACZKO: Oh. Sorry, yes, somehow, I don't know how we didn't get that connected.

But I'll make sure that that gets worked out.

JIM DYER: Yes, I would've given you a buzz

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1 at the time but Chuck was on the phone with me. And
2 I actually lost track of time.

3 CHAIRMAN JACZKO: Oh, got it. I
4 understand. I'm sorry, I thought you said you were
5 trying, yes, I was waiting for the call but it didn't
6 happen. That was fine. I assumed there was a reason.
7 Yes, no problem.

8 JIM DYER: But, of course, you probably
9 heard on the news this morning that there was an
10 aftershock.

11 CHAIRMAN JACZKO: Yes.

12 JIM DYER: A 7.1. It caused the site,
13 Fukushima, to lose offsite power.

14 CHAIRMAN JACZKO: Okay.

15 JIM DYER: Which meant that they lost feed
16 to all three units.

17 CHAIRMAN JACZKO: Okay.

18 JIM DYER: The information that Chuck gave
19 me was, it was somewhat disappointing on was, that
20 apparently they evacuated the site but they had
21 specifically designated one brigade, or one group, of
22 military and workers to stay there and to maintain
23 cooling.

24 CHAIRMAN JACZKO: Yes.

25 JIM DYER: And they did not initiate it,

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1 near as he heard, they did not initiate the backup,
2 bring the trucks back in.

3 CHAIRMAN JACZKO: Okay.

4 JIM DYER: And so they were basically
5 without cooling. And then power came back after about
6 50 minutes.

7 CHAIRMAN JACZKO: Okay.

8 JIM DYER: And so they have restored
9 cooling with that. And Chuck, he's going to follow-up
10 on it tomorrow. As it turns out, they were just starting
11 going into the cabinet meeting when the earthquake
12 occurred, the aftershock occurred.

13 CHAIRMAN JACZKO: Okay.

14 JIM DYER: And they decided to continue the
15 cabinet meeting without the information, the feedback
16 from the site. And then Chuck got the information after
17 he left the cabinet meeting and shared it with me. But
18 that's an issue he's going to take up with NISA tomorrow.

19 CHAIRMAN JACZKO: Okay, good.

20 JIM DYER: On that. So that was the plant.
21 There was no damage to the site. They had less than
22 a one meter wave.

23 CHAIRMAN JACZKO: Okay.

24 JIM DYER: Or tsunami from the earthquake.
25 So there was no consequences, if you would, from that.

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1 And then the other news, where the item and we've gotten
2 it off the news, is this, one of the ministers declaring
3 a change in the evacuation --

4 CHAIRMAN JACZKO: Yes.

5 JIM DYER: -- routes and that. We don't
6 really have any details on that.

7 CHAIRMAN JACZKO: Okay.

8 JIM DYER: I asked Chuck about it. And as
9 near as he understands, it is the equivalent of like
10 our keyhole.

11 CHAIRMAN JACZKO: Yes.

12 JIM DYER: But it's by neighborhoods.

13 CHAIRMAN JACZKO: Yes.

14 JIM DYER: And it is between the 20 and 30
15 kilometers.

16 CHAIRMAN JACZKO: Okay.

17 JIM DYER: And so what they're scheduled
18 is, U.S. Forces Japan is, scheduled to get a briefing
19 tomorrow from the Japanese government on what the exact
20 nature, and that is of this change in the evacuation
21 considerations.

22 CHAIRMAN JACZKO: Okay.

23 JIM DYER: And so we'll get a copy of that
24 presentation and the background information as soon as
25 they brief the U.S. Forces Japan.

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1 CHAIRMAN JACZKO: Okay, good. Good.

2 JIM DYER: So that's on. Then we're
3 continuing here in the Op Center, this is the first day
4 of our alternate approach, if you would.

5 CHAIRMAN JACZKO: Yes.

6 JIM DYER: And so we're working on making
7 the transition. Marty is, I guess on your calendar for
8 10:00 a.m. to talk about it.

9 CHAIRMAN JACZKO: Yes.

10 JIM DYER: And brief you on our strategies.
11 But we're putting them into play, which is to rely on
12 the offices for follow-up. And to make sure, I think
13 one of the things we have to do is consolidate all our
14 email traffic and develop a good tracking system for
15 work assigned to the offices.

16 CHAIRMAN JACZKO: Yes.

17 JIM DYER: And then cut down on our reports.
18 We're looking at the optimal time to issue the daily
19 SIT REP. Right now it's scheduled for 1800.

20 CHAIRMAN JACZKO: Yes.

21 JIM DYER: 6:00 p.m. at night, Eastern
22 Time, and whether or not it wouldn't be better to issue
23 it at the end of the, after Chuck's briefing of us at
24 8 o'clock in the morning.

25 CHAIRMAN JACZKO: Yes.

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1 JIM DYER: And then put it together and get
2 it out at noon and link it to the end of the work day
3 in Japan.

4 CHAIRMAN JACZKO: Okay. Yes, I think that
5 makes sense.

6 JIM DYER: We would sense it to either be
7 at the end of the work day in Japan or the beginning
8 of the work day in the U.S.

9 CHAIRMAN JACZKO: Yes.

10 JIM DYER: And we probably ought to have,
11 the difference in information would be, it would be
12 getting out quicker, I think, if we had it at the end
13 of the work day in Japan.

14 CHAIRMAN JACZKO: Yes, okay. I think that
15 makes sense.

16 JIM DYER: So we'll work on that as part
17 of our transition plan.

18 CHAIRMAN JACZKO: Good.

19 JIM DYER: That's it.

20 CHAIRMAN JACZKO: Any updates on just the
21 work we're doing to kind of figure out these protective,
22 or as kind of the return strategy and the stability
23 document and all those kinds of things?

24 JIM DYER: Yes, sir. We've given that
25 document to the well, we finished putting it together.

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1 We've got the comments together and we've developed
2 Rev 15 in the day shift, Trish Milligan (phonetic) and
3 Marty are going to take a look at it today.

4 CHAIRMAN JACZKO: Good.

5 JIM DYER: On day shift and get it going.

6 One of the things we want to make sure, as far as the
7 coordination is, is that we understand what the Japanese
8 are doing, which is essentially expanding theirs before
9 we come in with our criteria.

10 When I spoke to the site team about it this
11 morning and they have, I think, the updated review,
12 updated document also to look at, is they are focused
13 on the stability --

14 CHAIRMAN JACZKO: Yes.

15 JIM DYER: -- and the earthquake this
16 morning and (b)(5)

17 (b)(5)

18 CHAIRMAN JACZKO: Yes, okay.

19 JIM DYER: So as far as the stability
20 requirements that, in the general sense is, is that
21 you've got to be at at least Phase 1 stability --

22 CHAIRMAN JACZKO: Yes.

23 JIM DYER: -- for the reduced, low
24 probability of any kind of an energetic release.

25 CHAIRMAN JACZKO: Right.

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1 JIM DYER: And have a reliable cooling
2 system, invented pathways, and things like that. And
3 what happened this morning is probably going to indicate
4 that we're a ways from that.

5 CHAIRMAN JACZKO: Okay. Well, appreciate
6 the updates. And why don't we put a tasking for Friday
7 to give me an analysis of, you know, it doesn't have
8 to be detailed, but just at a high-level, the kind of
9 staffing change and how that's working?

10 And let's just take Friday then to
11 reevaluate that and make sure it's working. If it's
12 not, then we'll make adjustments.

13 JIM DYER: Yes, sir.

14 CHAIRMAN JACZKO: Okay, great. Thanks
15 everybody.

16 JIM DYER: Take care.

17 CHAIRMAN JACZKO: Thanks.
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1 (CONFERENCE CALL INITIATED)

2 0(8-GX)L13765094

3 JIM DYER: Marty?

4 MARTY VIRGILIO: Hey, Jim.

5 JIM DYER: Yes, sir.

6 MARTY VIRGILIO: Good time to talk?

7 JIM DYER: Yes, sir.

8 MARTY VIRGILIO: Okay. I talked to the
9 chairman about the transition plan.

10 JIM DYER: Yes.

11 MARTY VIRGILIO: He's good with the daily
12 SIT REPs at noon. I see we already did that.

13 JIM DYER: Yes.

14 MARTY VIRGILIO: He's good with the call
15 with Chuck at 8:30 and he would join in at 8:45.

16 JIM DYER: Okay. The call with Chuck, I
17 thought was at 8:00 in the morning. That's what he told
18 me.

19 MARTY VIRGILIO: Oh, well, here's what I
20 thought. I thought what we agreed, when I was in the
21 Op Center this morning, was that we were going to shift
22 the daily call with us and Chuck to 8:30. And then the
23 chairman was going to join in at 8:45.

24 JIM DYER: Okay.

25 MARTY VIRGILIO: That way we could have 15

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1 minutes to talk to Chuck by ourselves. And then the
2 chairman would join in. And if we needed to keep Chuck
3 afterwards, we could keep him on the line after we finish
4 with the chairman.

5 JIM DYER: Sounds good.

6 MARTY VIRGILIO: Okay, he is going to
7 engage again, with DOE with respect to the consortium.
8 I don't know that he's going to have anymore luck.
9 He said he would give it one more try. And this is a
10 coordination aspect that we acknowledge in our SIT REP.

11 JIM DYER: And that's for them to take the
12 lead, right?

13 MARTY VIRGILIO: Yes. But I wouldn't put
14 it in our SIT REP. I would just recognize that he's
15 going to take one more run at this.

16 JIM DYER: Yes. We just have the
17 boilerplate that's been there for awhile.

18 MARTY VIRGILIO: Yes. Yes that's where we
19 are. On the transition to NRC taking over the
20 logistics, he may talk to you with your CFO hat on at
21 one point in time, just wanting to confirm that you've
22 already included the money for that.

23 JIM DYER: Okay.

24 MARTY VIRGILIO: He also wants to make sure
25 that you're including in the money, our FOIA responses.

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1 Now that's a whole different tack. And we need to make
2 sure that you're getting the data you need in order to
3 cost that out at the end of the day.

4 JIM DYER: Yes, Marty, what we did was we
5 did not put that in our Japan response costs. We put
6 that in as our, and I specifically excluded it in that
7 paper that I sent to OMB -

8 MARTY VIRGILIO: Right, I noticed.

9 JIM DYER: -- but we said we would need,
10 that our reprogramming requests for the Japan event
11 would include those costs.

12 MARTY VIRGILIO: Okay. So now do you feel
13 comfortable you've got the right tack numbers out there
14 to catch it?

15 JIM DYER: I'll check when I get off watch
16 to make sure because I don't think we were really
17 following the Japan FOIA requests.

18 MARTY VIRGILIO: But his point is, he wants
19 to capture it in our overall costs to responding to the
20 event.

21 JIM DYER: Okay.

22 MARTY VIRGILIO: Now how we get it paid for
23 is another matter. He just wants to make sure that we
24 know the answer.

25 JIM DYER: All right.

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1 MARTY VIRGILIO: And then he's good with
2 the meeting on Friday to talk about the success of the
3 transition and any adjustments that we think we need
4 to make. So we probably need to put a task to Jane,
5 and somebody like Jane, to kind of develop that on
6 Thursday. So at close of business Thursday, we have
7 an assessment of how this thing has worked.

8 JIM DYER: Okay.

9 MARTY VIRGILIO: That's all, I think that
10 came out of the meeting with the chairman. Let me just
11 switch then to this IPC meeting tomorrow.

12 JIM DYER: Yes.

13 MARTY VIRGILIO: I'm happy to say to (b)(6)
14 that we're not ready yet. It's still a work in progress.

15 If they want a status report, we can kind of give them
16 a status report of what we're thinking. But it's not
17 ready for a full discussion yet.

18 JIM DYER: You know, we've gotten a lot of
19 requests from our stakeholders. They want to see it
20 one more time before it goes in. So what I was concerned
21 about was if the chairman takes it to the IPC meeting,
22 we're going to bypass Naval Reactors, EPA --

23 MARTY VIRGILIO: Right.

24 JIM DYER: -- DOE, the CDC is interested
25 in it. It's kind of going to jump the normal working

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1 relationship and --

2 MARTY VIRGILIO: And that's why he was
3 arguing we needed more time.

4 JIM DYER: Yes.

5 MARTY VIRGILIO: We needed to make sure
6 that it was fully coordinated and vetted.

7 JIM DYER: Agreed.

8 MARTY VIRGILIO: So, do you want to get the
9 LT, or whoever our LT representative is, to just contact
10 (b)(6) and say we're not ready yet?

11 JIM DYER: Okay, we will do that.

12 MARTY VIRGILIO: And if they want a status
13 report, we can give them a status report. But we're
14 not ready to have a discussion.

15 JIM DYER: Yes, it's not fully baked for
16 the IPC. It's still at the coordination, the working
17 level.

18 MARTY VIRGILIO: Right. You guys want to
19 take that?

20 JIM DYER: We will.

21 MARTY VIRGILIO: All right.

22 JIM DYER: In the transition, I sent you
23 an email that the LT pointed out after you guys left,
24 as we start the transition, a question came up about
25 providing the states our SIT REP. Yes, and that's

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1 apparently been an on again, off again.

2 MARTY VIRGILIO: Right. I went back to
3 (indiscernible, possibly FISNI) when I first learned
4 of this. And my understand is, and we probably need
5 to reinforce this message, that we were providing our
6 SIT REPs to the RSLOs, but they were not to distribute
7 that to the states, that they were to use it to develop
8 an appropriate message. But they were not to share that
9 with the states.

10 JIM DYER: Okay. Well, that works for me.

11 MARTY VIRGILIO: Okay. We were
12 reinforcing that on Friday. I don't know what happened.

13 I'll check.

14 JIM DYER: Okay. Well, it's just one of
15 those things we just want to capture as part of our
16 transition strategy.

17 MARTY VIRGILIO: Yes.

18 JIM DYER: And that that would be the, where
19 we're again transitioning to the Agency's line
20 organization, that that communication would then be
21 filtered through the RSLOs.

22 MARTY VIRGILIO: Right. Yes, they need to
23 use their judgment but they are not to hand a copy over
24 to anybody.

25 JIM DYER: Okay.

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1 MARTY VIRGILIO: Yes. I'll reinforce
2 that. All right, anything else?

3 JIM DYER: Not that I know of.

4 MARTY VIRGILIO: All right. Just give me
5 a shout if you come up with anything. And I'll stop
6 by --

7 JIM DYER: Yes. Well, we just did hear
8 information, (b)(5)

9 (b)(5)

10 MARTY VIRGILIO: Yes.

11 JIM DYER: That apparently, there's a
12 low-level rad waste disposition council. And we
13 weren't a player on Thursday so we got assigned the
14 action item.

15 FEMALE PARTICIPANT: Take that.

16 JIM DYER: And we're working it now. But
17 it has to do with what happens when the Navy brings back
18 contaminated equipment from Japan. Is it licensed?
19 What do they do, the Navy, or vendors, or anybody else
20 like that? And (b)(6) is asking for comments by COB
21 tomorrow.

22 MARTY VIRGILIO: Okay. I wasn't aware.
23 All right.

24 JIM DYER: So it looks like they've been,
25 Janice Owens (phonetic), who I don't know.

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1 MARTY VIRGILIO: Yes, OIP.

2 JIM DYER: Oh, she's OIP?

3 MARTY VIRGILIO: Yes, but she may have been
4 serving in another function in the Op Center. She's
5 been down there.

6 JIM DYER: Yes. They provided them the
7 background information on licensing for imports.

8 MARTY VIRGILIO: Okay.

9 JIM DYER: But it probably sounds like we
10 ought to get this over to Charlie.

11 MARTY VIRGILIO: Yes.

12 JIM DYER: For an action. So we'll create
13 a tasker. But this is like the first item we got under
14 our new transition plan, our red ticket to whatever we
15 got, to get an answer by COB tomorrow.

16 MARTY VIRGILIO: Right. Yes, we need to
17 make sure that while we're still standing up, I'm not
18 sure we even have a point of contact yet.

19 JIM DYER: Yes.

20 MARTY VIRGILIO: Eric told me, by the way,
21 that he was establishing division directors as points
22 of contact within NRR. And these division directors
23 are deputy division directors that were formally RST
24 directors. So Pat Highland (phonetic) and Alan Hale
25 (phonetic).

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1 JIM DYER: Oh, okay. You can identify
2 them?

3 MARTY VIRGILIO: Yes.

4 JIM DYER: As the overall coordinators.

5 MARTY VIRGILIO: As point of contact for
6 NRR.

7 JIM DYER: Okay. All right. Well, we'll
8 --

9 MARTY VIRGILIO: Okay.

10 JIM DYER: -- pull the trigger. I guess
11 it would be Larry Camper (phonetic) probably as
12 (inaudible).

13 MARTY VIRGILIO: Probably would be but --

14 FEMALE PARTICIPANT: I think Camper was
15 working with the contact and said we could get it.

16 JIM DYER: Okay. They're working.

17 MARTY VIRGILIO: Okay.

18 JIM DYER: And Marty, one question.

19 MARTY VIRGILIO: Yes.

20 FEMALE PARTICIPANT: Hey, Marty, it's
21 Lisa.

22 MARTY VIRGILIO: Yes.

23 FEMALE PARTICIPANT: Did you find that
24 package from Shaw?

25 MARTY VIRGILIO: Yes, and --

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1 JIM DYER: We got it.

2 MARTY VIRGILIO: -- Sandy walked it over.

3 FEMALE PARTICIPANT: Okay, great.

4 JIM DYER: We've got it.

5 FEMALE PARTICIPANT: Just making sure it
6 hadn't caught up with anybody yet.

7 MARTY VIRGILIO: Thanks

8 JIM DYER: Okay.

9 MARTY VIRGILIO: It was here.

10 JIM DYER: Yes, it wasn't from Shaw, it was
11 from Toshiba. Shaw is the sub.

12 MARTY VIRGILIO: Ah, okay. Well, then
13 that makes sense.

14 JIM DYER: Yes, it looks like it's quite
15 a consortium. It looks like Toshiba is in charge, but
16 they've got Shaw, BMW, Westinghouse, Exelon -

17 MARTY VIRGILIO: Wow.

18 JIM DYER: Yes, the Reactor Safety Team has
19 the original. And then Melissa created an electronic
20 copy.

21 MARTY VIRGILIO: Well, it will be
22 interesting to see their vision of success.

23 JIM DYER: It's whatever you want it to be.

24 MARTY VIRGILIO: Yes.

25 JIM DYER: Just send money.

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1 MARTY VIRGILIO: Yes, okay.

2 JIM DYER: You can do it all.

3 MARTY VIRGILIO: I was just thinking the
4 same thing, just for that or money.

5 JIM DYER: You know, if you brought a big
6 enough jack --

7 MARTY VIRGILIO: Yes.

8 JIM DYER: -- you could take care of it all.

9 MARTY VIRGILIO: Yes.

10 FEMALE PARTICIPANT: Marty, would you like
11 me to send you the electronic copy?

12 MARTY VIRGILIO: Sure. If you'd send it
13 back to me, I'll take a look at it.

14 FEMALE PARTICIPANT: Okay.

15 MARTY VIRGILIO: Thank you.

16 JIM DYER: Okay.

17 MARTY VIRGILIO: All right, I'll talk to
18 you all later.

19 JIM DYER: Take care, thanks.

20 MARTY VIRGILIO: Bye now.

21 JIM DYER: Bye-bye.

22 FEMALE PARTICIPANT: Sorry, I'm always ten
23 minutes behind the curve.

24

25

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(CONFERENCE CALL INITIATED)

0 (8NOJ-13765094

MALE PARTICIPANT: Marty Virgilio coming
on the AT conference.

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1 MALE PARTICIPANT: Hello?

2 FEMALE PARTICIPANT: Marty?

3 MALE PARTICIPANT: Marty Virgilio has
4 joined the bridge.

5 CINDY CARPENTER: Hi, Marty. This is
6 Cindy Carpenter, how you doing?

7 MARTY VIRGILIO: All right.

8 CINDY CARPENTER: I know you just got home,
9 I'm sorry. This is just for your information, that CNN
10 is reporting, we just had an ABC News, they're insisting
11 that a strong aftershock in Japan, 6.3.

12 They are reporting it's a fresh fire,
13 reportedly (inaudible) at Unit 4, they think, on the
14 site. So we don't know anything more right now. The
15 Reactor Safety Team is trying to call and they've got
16 consortium callers. It's about four minutes. But
17 wanted to let you know.

18 MARTY VIRGILIO: Okay.

19 CINDY CARPENTER: Okay. So all ABC News
20 is reporting is that fresh fire has reportedly broken
21 out at Japan is stricken, Fukushima Nuclear Power Plant
22 with a aftershock.

23 MARTY VIRGILIO: Right, and where is the
24 fire, I'm sorry, I just walked inside so I could hear
25 better?

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1 CINDY CARPENTER: I'm sorry. Basically,
2 it's at the plant somewhere. We don't know where.

3 MARTY VIRGILIO: Okay.

4 CINDY CARPENTER: We're asking, they're
5 calling the site team right now to see if they know of
6 anything.

7 MARTY VIRGILIO: All right.

8 CINDY CARPENTER: Then someone else heard
9 on CNBC, they thought it was Unit 4. So I don't know.
10 All I know is that ABC and CNN is reporting a fire.

11 MARTY VIRGILIO: Okay. Well, they've got
12 enough helicopters and aerial equipment out there, that
13 somebody probably ought to be flying over that, on your
14 Japanese news shortly.

15 CINDY CARPENTER: Oh, they are. So I don't
16 know much more than that. I just wanted you to be aware
17 it is in the news right now. We can see it on CNN.
18 And we'll give you anymore update once we get the
19 information from the site team.

20 MARTY VIRGILIO: Okay. Why don't you give
21 the chairman a call and let him know what you've just
22 told me?

23 CINDY CARPENTER: Okay, all right.

24 MARTY VIRGILIO: I'm not sure where he is
25 tonight. If you can't reach him, don't be surprised.

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1 Because I know at the last minute, there was a
2 complication at the end of the day, where I know he was
3 going, he was invited to go multiple places.

4 CINDY CARPENTER: Okay.

5 MARTY VIRGILIO: But at least try.

6 CINDY CARPENTER: Right. I don't know
7 anymore information but if it's on the news, I figured
8 this was something that you did want to be aware of.

9 MARTY VIRGILIO: Yes, yes. I certainly
10 did. Thank you very much.

11 CINDY CARPENTER: All right. I'll go, try
12 to get a hold of the chairman before I get on the
13 consortium call.

14 MARTY VIRGILIO: All right. And then if
15 you can give me a call back if anything else develops?

16 CINDY CARPENTER: Absolutely. And when I
17 have a little more information, I will.

18 MARTY VIRGILIO: All right, thanks.

19 CINDY CARPENTER: Thank you. Bye-bye.

20 MARTY VIRGILIO: Bye now.

21 HEADQUARTERS OPERATIONS OFFICER: This is
22 headquarters operations officer online, do you want us
23 to contact the chairman on the conference?

24 CINDY CARPENTER: If you could put the
25 chairman on before we get on the consortium call and

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1 just hold the consortium call for just a couple of
2 minutes, please?

3 HEADQUARTERS OPERATIONS OFFICER: Okay,
4 will do.

5 CINDY CARPENTER: Thank you. There's been
6 quite a bit of an aftershock -

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22 (CONFERENCE CALL INITIATED)

23 0(8-V04C13765094

24 MALE PARTICIPANT: Stability, and that's
25 going to be quite some time. And I don't see that

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1 happening any time soon, stage one stability. I see
2 no movement towards --

3 JIM DYER: My urgency was that I thought
4 that this was a tasking that came out of the deputy's
5 meetings for the chairman.

6 MALE PARTICIPANT: Yes.

7 JIM DYER: Is to put together, you know,
8 this composite with the stability and the dose
9 assessment that the PMTs got the lead on.

10 And last night, when I talked to him right
11 before I left, he was saying that he kind of wanted an
12 answer to that by Wednesday, so he could bring it up
13 at this week's deputy's meeting, or get something
14 scheduled for when they need to work on this.

15 MALE PARTICIPANT: Yes well, I think when
16 you marry it up with the stability documents, you're
17 going to see that this is not --

18 MALE PARTICIPANT: They're a ways away.

19 MALE PARTICIPANT: It's a long way off.

20 MALE PARTICIPANT: Fundamentally, Jim, I
21 think for me it comes down to, as long as you're using
22 fire hoses --

23 JIM DYER: Right, right. They've got to
24 be stable.

25 MALE PARTICIPANT: Yes, and pumps that have

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1 only about 100 pounds a head, you know, I don't see how
2 in the world, I don't see that you would relax the 50
3 with that situation.

4 JIM DYER: No, no.

5 MALE PARTICIPANT: Jim, in Unit 1, we think
6 they've got an SRV that's partially stuck open and if
7 it were to seek -

8 JIM DYER: Yes.

9 MALE PARTICIPANT: -- vessel, the pump
10 isn't going to pump for very long.

11 JIM DYER: Okay.

12 MALE PARTICIPANT: The assessment is, it's
13 kind of what word are you using, Chuck?

14 MALE PARTICIPANT: Fragile.

15 MALE PARTICIPANT: Fragile. It's very
16 temporary and highly unconventional.

17 JIM DYER: Okay.

18 MALE PARTICIPANT: Phones were very
19 temporary and highly unconventional spaces. We're in
20 response mode and consequence management mode.

21 MALE PARTICIPANT: It's actually, there's
22 still in accident mitigation.

23 MALE PARTICIPANT: Yes.

24 JIM DYER: Hey, Chuck? Hey, Chuck?

25 MALE PARTICIPANT: Yes, sir?

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1 JIM DYER: Did you talk to the chairman last
2 night or when you got up this morning?

3 MALE PARTICIPANT: I've talked to him
4 recently. It was this morning for us, yes.

5 JIM DYER: Okay. Because they were trying
6 to set a call and I just wanted to make sure that you
7 guys hooked up.

8 MALE PARTICIPANT: That happened.

9 JIM DYER: Okay.

10 MALE PARTICIPANT: We briefed him --

11 JIM DYER: Because I think I was supposed
12 to have a 7:15 briefing of him this morning. And I didn't
13 know if you needed to get him plugged in or not. We
14 could've called him.

15 MALE PARTICIPANT: I don't know if we're
16 doing, starting tomorrow night, for us, Tuesday night,
17 which would be 8:00 a.m. morning for you, we're supposed
18 to do a briefing.

19 The briefings are starting Tuesday.
20 They've changed them, from what I understand, 2100
21 Japanese Standard Time, and then that means that's about
22 8:00 a.m. for you.

23 Nine o'clock because they wanted it after
24 the cabinet meeting. They wanted to change it to after
25 the cabinet meeting --

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1 JIM DYER: Okay.

2 MALE PARTICIPANT: -- which finishes
3 around 8 o'clock our time. So at 9 o'clock, I felt
4 comfortable with having a call at 9:00 p.m., which is
5 8:00 a.m. your time.

6 JIM DYER: Okay.

7 MALE PARTICIPANT: So the calls, to my
8 understanding, starting tomorrow night will be at 8:00
9 a.m. Eastern. And I guess our concern, as I'm sure
10 your's is, goes towards that stability of providing
11 diversity in injection sources, not only redundancy but
12 diversity of injection sources.

13 And moving away from temporary and highly
14 unconventional systems to more of a piped system. And
15 a time line, the other thing is, Jim, we're going to
16 try to drill down a little bit more on specifics.

17 For instance, the time line on changing over
18 from one mode to another and when they would start that.

19 For instance, tonight when the earthquake happened,
20 they lost power. They had the fire pumps and they had
21 a squad there. After 50 minutes they had not yet
22 connected the fire trucks, before the power came back.

23 So that was a 50 minute delay, they had lost
24 all injection for 50 minutes. We believe that MELCOR
25 is going to show us some pretty short time lines on loss

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1 of injection.

2 So tomorrow we'll be quizzing them, asking
3 polite questions, pretty diligently, on what are your
4 emergency procedures? How are you moving away from this
5 unconventional system? And are you sensitive to the
6 time lines that you have to restore cooling?

7 So we've got to get down into another layer
8 of detail with them. We've been doing a lot of good
9 work on providing assessments, and areas for them to
10 consider, when they're in this feed and bleed mode and
11 all that.

12 And now that we've got all those papers up
13 on the shelf and they have those to digest, we have to
14 move towards more detailed understanding of what's going
15 on with the plant.

16 That's at least my opinion. Because I'm

17 (b)(5)

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19
20 (b)(5)

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1 MALE PARTICIPANT: A real system.

2 MALE PARTICIPANT: -- real system with real
3 hard pipes and it's not. So you remember the old space
4 shuttle theory of normalization of deviants. you see
5 it in bright lights here with normalization of deviants.

6 That PNID really caught my attention. It
7 looks like it's a real system when it's not. And so
8 the deviants, you know, well, we've been through two
9 7.1 quakes now and we've survived them. So there's not
10 really a problem with the 7.1 or below.

11 That kind of thinking is what led to
12 problems all over the place. that's the old James of
13 reason stuff, with our un-rocked boat. Anyhow, that's
14 my theoretical lesson for tonight, I guess.

15 MALE PARTICIPANT: All right.

16 JIM DYER: What stuff do we owe you?

17 MALE PARTICIPANT: Alan walked in, Alan
18 Blamey walked in. Alan is the maestro of assessments.
19 So the maestro is coming up to the podium -- what's
20 that called, a maestro stands at, is that a lectern?
21 What is that?

22 MALE PARTICIPANT: Podium is fine.

23 MALE PARTICIPANT: Podium, okay.

24 ALAN BLAMEY: Actually, at this point in
25 time, I'm just trying to recall. I think you guys are

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1 pretty much caught up. I think we owe headquarters some
2 reviews, which my understanding is, the RST document,
3 Rev 2 should be out tonight. So I'll have to check email
4 if it's out.

5 We'll review that and try and turn that
6 around for you guys tomorrow so we can finalize that.

7 And that's a big document. That covers the spent fuel
8 pools. It covers the stability and it covers the
9 strategy as well.

10 So that will be a good document to start
11 some dialogue on, or I should say, continue some dialogue
12 on with TEPCO and NISA. That's what comes to my mind
13 right now.

14 JIM DYER: Okay.

15 MALE PARTICIPANT: Chuck, do you have
16 anything they owe you?

17 MALE PARTICIPANT: I know the RST, Rev 2,
18 I heard just came out.

19 ALAN BLAMEY: It's out for comment.

20 MALE PARTICIPANT: Okay.

21 ALAN BLAMEY: Yes, that's what I was
22 talking about.

23 JIM DYER: Yes, and that's what Alan was
24 referring to, right?

25 MALE PARTICIPANT: Sorry, I was working.

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1 I didn't hear him.

2 ALAN BLAMEY: Yes, likely story. When did
3 that start?

4 MALE PARTICIPANT: I was reading about
5 Chernobyl. So I can get ready to talk to them tomorrow.

6 JIM DYER: Hey, did the global assessment
7 document, that Mike Hay forwarded here, went back and
8 forth. Are we aligned on that?

9 ALAN BLAMEY: We are now.

10 MALE PARTICIPANT: Yes, we incorporated
11 all your comments and we're revising the executive
12 summary --

13 MALE PARTICIPANT: Substantially.

14 MALE PARTICIPANT: Yes.

15 JIM DYER: Okay. My understanding is that
16 document is going to become sort of an overview document
17 with no technical conclusions in it. But it's going
18 to append the latest copy of all the, like the RST
19 assessment, and the composite assessment, and that.
20 When we get that finished, it's just going to append
21 that.

22 MALE PARTICIPANT: Those will form the
23 basis documents for what's in the assessment.

24 JIM DYER: Right. But the concern we had
25 was we were trying to write a global assessment document

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1 that all the inputs and the originating work were still
2 in a state of flux, while you're trying to write this
3 overview document.

4 ALAN BLAMEY: Okay.

5 JIM DYER: When you've got a configuration
6 management issue. You there?

7 MALE PARTICIPANT: Okay. We'll include
8 the proper version and information out of the individual
9 assessment documents.

10 JIM DYER: Okay.

11 MALE PARTICIPANT: So that's all we had
12 from here, Jim.

13 JIM DYER: Okay. Let me see, I've got the
14 rest of the folks coming in.

15 FEMALE PARTICIPANT: No, we're good. We
16 don't have any hack with the MT.

17 LISA GIVNEY (phonetic): Hey, it's Lisa
18 Givney, I'm the liaison team today. Alan, I had a
19 question for you about the consortium call and the notes
20 from that.

21 My understanding was that you guys had to
22 leave for the matrix and all those kinds of things.
23 And we were just now, I'm going to say participating
24 in the call, but we had no further responsibility about
25 notes and those kinds of things.

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1 Is that your understanding? I see there
2 are minutes from last night. I'm just not sure if I
3 need to forward those or if you're taking care of that.

4 Or can you help me out on that?

5 ALAN BLAMEY: You know, I missed the 12
6 o'clock meeting today. I was at TEPCO. You know what,
7 what's your extension? Because I know those guys are
8 still upstairs working on that. So I can verify that
9 tonight before I leave.

10 LISA GIVNEY: Okay.

11 ALAN BLAMEY: Can I give you a call back
12 after I verify it?

13 LISA GIVNEY: Sure, absolutely. My
14 extension is --

15 ALAN BLAMEY: Nothing I wouldn't share.

16 LISA GIVNEY: -- 5186.

17 ALAN BLAMEY: Let me check on that before
18 I leave and I'll let you know here, probably in a couple
19 minutes.

20 LISA GIVNEY: That would be great. I'm
21 happy to help however you need, I just didn't want to
22 duplicate if you guys were picking that up.

23 ALAN BLAMEY: No. And I appreciate it
24 because the Embassy, with everything else going on, it's
25 been a challenge for these guys to get in the groove

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1 with this.

2 LISA GIVNEY: Understood. That's all I
3 have, thanks.

4 JIM DYER: Okay, anything else? You guys
5 have a good night.

6 MALE PARTICIPANT: All right. Have a good
7 one. We'll talk to you soon. Thanks, Jim.

8 JIM DYER: Okay, take care.

9 MALE PARTICIPANT: Take care.

10

11

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19 (CONFERENCE CALL INITIATED)

20 0(9!\$GB613765094

21 MALE PARTICIPANT: Chairman Jaczko is
22 coming on the AT conference.

23 CINDY CARPENTER: Chairman?

24 CHAIRMAN JACZKO: Hello?

25 CINDY CARPENTER: Hi, Mr. Chairman, this

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1 is Cindy Carpenter. I'm the ET director this evening.

2 CHAIRMAN JACZKO: How are you?

3 CINDY CARPENTER: Good. This is just a
4 heads up for you. It's all over the news right now.
5 There was another aftershock over in Japan, only about
6 20 miles east. And that's the take of it. But they
7 are reporting that there was a fire. There's a news
8 team that says it is now out.

9 CHAIRMAN JACZKO: I'm sorry. Could you
10 maybe speak a little bit louder or a little bit more
11 slowly? It's not a great connection.

12 CINDY CARPENTER: Okay, I apologize for
13 that. There was another strong aftershock, about 6.3
14 or 6.4 magnitude over Japan. And the news, CNN and
15 several other news stations, including ABC News, were
16 reporting that there was a fresh fire that broke out
17 at the power plant.

18 The latest news clip that I just received.
19 It just came in was that the fire was near Unit 4.
20 But they said that the fire brigade did respond to that.

21 CHAIRMAN JACZKO: Okay.

22 CINDY CARPENTER: I don't have any more
23 information for you. But it is being reported on all
24 the news stations and we wanted you to be aware of that.

25 CHAIRMAN JACZKO: Okay, good. Thank you.

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1 Okay, so we haven't seen anything directly from our
2 team, have we?

3 CINDY CARPENTER: No we have not. We asked
4 the Reactor Safety Team to give a call to the site team
5 to ask them if they had any additional information.

6 CHAIRMAN JACZKO: Okay.

7 CINDY CARPENTER: But we wanted you to be
8 aware of it's on the different news stations.

9 CHAIRMAN JACZKO: Okay, good.

10 CINDY CARPENTER: All right.

11 CHAIRMAN JACZKO: Well, thanks. I
12 appreciate that.

13 CINDY CARPENTER: That's all I have,
14 Chairman.

15 CHAIRMAN JACZKO: Okay, thanks, Cindy,
16 appreciate it.

17 CINDY CARPENTER: All right, thank you.
18 Have a good evening.

19 CHAIRMAN JACZKO: Thanks, you too.

20 CINDY CARPENTER: Good night.

21 HEADQUARTERS OPERATIONS OFFICER: This is
22 the headquarters operations officer. I'm going to
23 connect you to the industry consortium conference.
24 This is the headquarters operations officer, stand by
25 for a roster/playback.

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1 OPERATOR: There are currently 13
2 participants in your conference. The following people
3 are in the conference.

4 KEVIN RYAN(phonetic): Kevin Ryan
5 (phonetic), INPO.

6 LIEUTENANT CONGEN (phonetic): Lieutenant
7 Congen (phonetic), USFJ RCMT.

8 RICK NIELSEN (phonetic): Rick Nielsen
9 (phonetic), INPO.

10 ALAN GOWELL (phonetic): Alan Gowell
11 (phonetic), DOE NE.

12 MALE PARTICIPANT: Tegard (phonetic),
13 industry support team, Tokyo.

14 GLEN SOUTHERN: Glen Southern, Naval
15 Reactors.

16 DAVE TILDEN (phonetic): Dave Tilden
17 (phonetic), DOE MMSA.

18 FEMALE PARTICIPANT: NRC's Japan team.

19 DAN AMFEKO (phonetic): Dan Amfeko
20 (phonetic), Department of Energy.

21 LIEUTENANT COLONEL DEAN ORFIELD
22 (phonetic): Lieutenant Colonel Dean Orfield
23 (phonetic), JFF LNO. It's a (indiscernible, possibly
24 deputy strength staff).

25 RON CHERRY: RON Cherry, Department of

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1 Energy in Japan office.

2 OPERATOR: Roster playback is complete.

3 CINDY CARPENTER: Good evening, everyone.

4 This is Cindy Carpenter and I'm the ET director again,
5 this evening. And so we'll go ahead and we've got the
6 roster playback.

7 So what we'll do is go on through the missed
8 of equipment items then and get the status. And
9 hopefully, you all have an update of this right now.

10 And then afterwards, we'll see if there's any
11 additional items that you want to add or any additional
12 issues.

13 All right, so let's go ahead through the
14 first one then. A high priority request, the first one
15 is I have devices (inaudible) to radiation contamination
16 water and information, evaporation technology. And I
17 had Department of Energy lead on that one.

18 MALE PARTICIPANT: Hello, excuse me, this
19 is Embassy Japan. Just before we start we'd like to
20 make a request.

21 CINDY CARPENTER: Okay.

22 MALE PARTICIPANT: Hopefully somebody
23 there is taking notes on the meeting. And will take
24 a note, mainly also send out the action items that need
25 to be completed. We have meetings with the Japanese

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1 government today. And if we could get those in the next
2 four hours, that would be very helpful for that meeting.

3 CINDY CARPENTER: We'll work towards that,
4 okay? There is someone here taking notes so thank you.

5 All right, so let's go ahead with the first, okay, is
6 there any other questions, any other things that we
7 should bring up before we start?

8 All right, then let's go ahead. The first
9 one, like I said, is devices for the (inaudible) water
10 and information on evaporation technology. And I have
11 that as a daily brief.

12 MALE PARTICIPANT: The bottom is, Energy
13 still got a white paper last week, potential near-term
14 options to mitigate contaminated water in Japan,
15 Fukushima Daiichi Nuclear Plant.

16 The formal copy came out Friday. And we
17 need to crosswalk this to find out how well that covers
18 all of these. But that is, in large part, a response
19 to these contaminated water requests. The question I
20 have is, has anybody got that, in presenting that to
21 the Japanese?

22 MALE PARTICIPANT: I'm in Tokyo.

23 MALE PARTICIPANT: Damien (phonetic), I
24 think Alicia is working those issues with Dr. Onishi
25 (phonetic) and with TEPCO.

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1 MALE PARTICIPANT: Yes.

2 MALE PARTICIPANT: He sent that out there,
3 sent that out there Friday, so I think therein lies
4 a lot of, at least partial answers to these questions.

5 MALE PARTICIPANT: Right, well, we do have
6 the paper.

7 MALE PARTICIPANT: Okay.

8 MALE PARTICIPANT: And as I said, I think
9 Alicia is working that with TEPCO and with Dr. Onishi,
10 who is here, I think, through the end of this week.

11 MALE PARTICIPANT: So, Ron and Sal, this
12 is Jay. Yes, I think I did add in, I sent out, I know
13 it was last minute, some updates to this. And I read
14 Alice's note, which applied it specifically to 21A.

15 But I really do think that you're right.
16 This really is covering the whole range of things.
17 And I think why part of it is scattered is that, some
18 of it came by way of the Japanese Ambassador here, to
19 Tom Dagastino (phonetic).

20 And then there's also been discussions over
21 there. So my sense is that water piece is really
22 covering a broad range of stuff.

23 MALE PARTICIPANT: Yes, that's true, Jay.
24 This is Sal. I'm just curious about the comment that's
25 in the USG column on the first, plain 21 item, that refers

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1 to the government of Japan needing to provide more
2 information based on Alan Blamey's email request. I
3 don't understand the validity of it. I don't understand
4 the implications of that comment.

5 MALE PARTICIPANT: That's good. Yes, I
6 don't know who put that one in there.

7 MALE PARTICIPANT: So that may or may not
8 be a valid comment associated with this item.

9 MALE PARTICIPANT: Yes, we're trying to --

10 FEMALE PARTICIPANT: I think that NISA with
11 the request.

12 MALE PARTICIPANT: In Item 21, if you look
13 at the U.S. Government column, which a lot of times if
14 you pull it up on your screen, you're not going to see
15 it. You have to play around with the Excel spreadsheet.

16 It talks about an Alan Blamey email. And
17 I don't even know, you know, Sal, if you don't have it,
18 that's probably a problem. Because obviously, somebody
19 thinks it's important and we're not so sure we know what
20 that is.

21 MALE PARTICIPANT: Yes, I just don't know
22 what the action is that we're waiting on on that one.

23 MALE PARTICIPANT: Is Alan Blamey on the
24 line?

25 ALAN BLAMEY: Yes I am. I'm looking at it

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1 now. And yes, the only thing that we can think of would
2 be a NISA contact. Because I know when we get into the
3 area of 21, DOE has been doing a good job trying to get
4 their arms around this with the government of Japan.

5 And from our perspective, we really haven't
6 been doing much on the support of water issue. Yes,
7 the only thing that I can think of would be the government
8 point of contact. And quite frankly, I think last week,
9 I think DOE already has what they need on that one as
10 far as the government point of contact.

11 MALE PARTICIPANT: Well, I think -- and
12 this is Sal again -- in the big scheme of things, now
13 that we've provided that comprehensive White Paper to
14 Japan, they probably need to give us some feedback before
15 we move forward on any of these water management issues.

16 ALAN BLAMEY: Yes, I think you're
17 absolutely right. Because it's really going to be a
18 broad based issue that is going to have many facets,
19 as it's spelled out here. So I guess the bottom line
20 is, does DOE feel comfortable with the points of contact
21 that you guys have?

22 MALE PARTICIPANT: I think so far. Brian,
23 can you say anything about Alicia's local contacts?

24 CINDY CARPENTER: Okay, anymore discussion
25 on that one?

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1 ALAN BLAMEY: You've got to watch that Ron
2 Cherry guy. He'll run off on you.

3 MALE PARTICIPANT: Did he run off?

4 ALAN BLAMEY: Yes, I guess my view would
5 probably be from my perspective, I really don't see
6 anymore need for myself on there. I think that DOE has
7 a pretty good handle on this, and the points of contact
8 that they need.

9 CLYDE RAGLAND: So my understanding is --
10 this is Clyde Ragland, the liaison coordinator at NRC.
11 My understanding is that the final version of the
12 comprehensive DOE White Paper came out Friday.
13 Alicia's working these issues with TEPCO and Dr. Onishi.
14 Is that correct?

15 MALE PARTICIPANT: That is what Ron stated,
16 yes. And that fits because Alicia is responsible for
17 this area.

18 CLYDE RAGLAND: Very good.

19 DAN AMFEKO: This is Danny Amfeko. Sal,
20 what I will do is I will close with Alicia and Ron on
21 this and basically say, Alan's comment appears to be
22 addressed. We've sent out the Paper. Could you go
23 through this and restate any specific needs beyond what
24 has been provided by the Paper? And in general, just
25 give us a status report.

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1 MALE PARTICIPANT: That sounds good.

2 RON CHERRY: Sorry, this is Ron. I had to
3 step out of the room for just a minute. Rial Djuan
4 (phonetic) is here and he was telling me that my name
5 was being taken in vain. Is there anything I need to
6 try to further clarify? Or have I done enough damage.

7 MALE PARTICIPANT: This is Sal. We just
8 think the ball is in the government of Japan's court
9 now for the water management issues now that we've
10 delivered the White Paper.

11 RON CHERRY: Yes, I think, Sal, I think
12 that's absolutely correct. They need to help us
13 basically sort through all these different action items
14 identified here in this spreadsheet and prioritize the
15 work.

16 And as I mentioned earlier, I think Alicia
17 Duncan has the action on that, working with Dr. Onishi,
18 as well as with any other water expert that, I
19 understand, is being considered to send out here.

20 MALE PARTICIPANT: Is this a comment for
21 21A?

22 MALE PARTICIPANT: It's a general comment
23 for 21A, B, et cetera, all the water management issues.

24 MALE PARTICIPANT: So the comprehensive
25 White Paper is to address all of the 21?

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1 MALE PARTICIPANT: Yes. It covers
2 retrieval, storage, and treatment.

3 MALE PARTICIPANT: Thank you.

4 CINDY CARPENTER: So do we need to discuss
5 then --

6 MALE PARTICIPANT: Do we need to go three
7 to the 21?

8 CINDY CARPENTER: It's been covered.

9 MALE PARTICIPANT: Let's just talk about
10 21B for a minute. Jay provided an update that I don't
11 know if it's made it into the current version. But we
12 did get the cost estimates from Savannah River for the
13 transportation of the items under 21B.

14 CINDY CARPENTER: All right. This is the
15 one, storage tanks and the trailer for contaminated
16 water?

17 MALE PARTICIPANT: Yes. So Jay provided
18 that update about an hour ago.

19 CINDY CARPENTER: Okay. Any need to
20 discuss the existence (inaudible) radioactive water,
21 which is 21A, 21C, and 21E? Okay, take that as a no.
22 All right, so then how about the separate holding tanks,
23 (inaudible), which is G and E, any updates on that?

24 RICK NIELSEN: This is Rick Nielsen.
25 Could we go back to 21 Foxtrot? We didn't hit that.

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1 I think that item is closed. We don't have any further
2 to do with that one. We have provided. We're good on
3 that.

4 CINDY CARPENTER: I honestly don't even
5 have that on my (indiscernible, possibly FML). Okay,
6 okay. We'll make a note of that one then. All right,
7 so then 21C, nothing new on that one, the evaporation
8 technology, or 21E, the direct requests from the
9 government of Japan, two (inaudible).

10 All right, we'll go on then. Let's go ahead
11 and list the data collections or updates, and go onto
12 number 4, which is Germanium micro detectors. And that
13 should be on Ron Cherry.

14 RON CHERRY: Yes. And this, I think
15 everyone should now have the breakout of the detectors
16 that are being provided to the different Japanese
17 government organizations. Are there any questions on
18 that current status?

19 MALE PARTICIPANT: Ron, no questions. It
20 jives. I think the four detectors are in. So I sent
21 an update. They should be there at UKOTA (phonetic),
22 and then you guys have got to disperse them as needed.

23 RON CHERRY: Right. And so I think next
24 step there will be, for the four that have arrived will
25 be the testing of the detectors. And as of last night,

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1 the AMF team informed me that, I think the one thing
2 we're waiting on now would be the larger doers for the
3 nitrogen.

4 So I think that's in process. So the next
5 update, I think, will be when we receive the doers.
6 I can't say exactly at the moment where those are coming
7 from, but I think that's in process.

8 We get the doers, then we'll do the testing,
9 then we'll be in position to deliver those. There is
10 also, I understand, Jay, some paperwork that is also
11 being worked out in connection with the loan. So those
12 will be two upcoming actions on the Germanium detectors.

13 MALE PARTICIPANT: Got it. I'll keep an
14 eye out on the paperwork. I'm sure that probably the
15 deployed folks in 42 NIT OPS will be taking care of that
16 --

17 RON CHERRY: Right.

18 MALE PARTICIPANT: But we'll make sure that
19 it doesn't get all bundled up here.

20 RON CHERRY: Good, thank you. And as I
21 said, we'll address those points in subsequent updates.

22 ALAN BLAMEY: Hey, Ron, this is Alan. Did
23 you guys need any additional detectors because I think
24 I saw an email this morning from Millstone Nuclear Power
25 Plant, who had a detector that they were offering.

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1 RON CHERRY: Alan, thanks for asking. And
2 I would suggest that you send an email to the Dart D-U-E
3 liaison, Contact email, Chris Smith will get your email.
4 And you all can have a dialogue on that.

5 ALAN BLAMEY: Okay. Okay, so do you want
6 --

7 RON CHERRY: Just send Chris Smith an
8 email, ask him if he needs anymore detectors. Tell him
9 who's offering.

10 ALAN BLAMEY: Okay, Chris Smith.

11 RON CHERRY: Yes, or call, 5046, here up
12 on the fourth floor conference room.

13 ALAN BLAMEY: Okay.

14 MALE PARTICIPANT: Okay, is there any need
15 for help hooking up with the (inaudible) contact guy,
16 I can (inaudible).

17 CINDY CARPENTER: All right, anything more
18 on those? So that should take care of 4A, 4B, 4C, and
19 4D. All right, the next one is 13A, which is our 34.
20 It's the cost for the (indiscernible, possibly
21 qualities), asking for that (indiscernible, possibly
22 survey meeting), special (inaudible) and iodine as
23 (inaudible) mass, and iodine absorption care. Any
24 update on that one?

25 MALE PARTICIPANT: Have they had the donors

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1 meeting yet?

2 CINDY CARPENTER: Okay, so if I didn't hear

3 --

4 RON CHERRY: Bill? Bill Berger, we had the
5 donors meeting yesterday. This is Ron. Bill, do you
6 want to address the question about the donors meeting.

7 If I'm not misunderstanding the question, that would
8 be basically what Mark Wall (phonetic) brought up at
9 the crisis management meeting last night, right?

10 BILL BERGER: Yes. In fact, we found out
11 that several of their donors, and we don't have a
12 comprehensive assessment from every donor that might
13 be providing, but they are providing personal protective
14 gear. And they're looking at providing masks.

15 Basically, this is an infinite request from
16 the Japanese government. We made a donation of personal
17 protective gear and some of these masks too. And our
18 masks, the Japanese government can get replaceable
19 cartridges here in-country.

20 So that's part of our local resource
21 mapping. So once again, this is going to be an ongoing
22 thing for the Japanese government. And we're
23 coordinating with the donors.

24 I don't think, right now, it's high priority
25 because we don't have a visibility on who's providing

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1 other kinds of things. But we'll raise it with the
2 Japanese. We're trying to get them to start holding
3 donors meetings so that we can get an overview of what's
4 being provided.

5 MALE PARTICIPANT: Just one little
6 follow-on to that. So we did meet with the donors, just
7 us and the donors without the DOJ yesterday. (b)(5)

8 (b)(5)

9
10 (b)(5)

11
12
13
14
15 CINDY CARPENTER: All right, any other
16 discussion on that one? With that, we'll go onto 2A,
17 and it's loading ground radiation monitoring devices,
18 mobile and stationary. Dan Lee (phonetic), any update
19 on that one?

20 DAN LEE: Dave provided that data on that
21 earlier, didn't you?

22 MALE PARTICIPANT: Yes, I did, yes. And
23 it's in the one I sent out and they have approved the
24 eight locations. And my understanding is they may have
25 started installing them today.

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1 RAY DUCHEPP (phonetic): This is Ray
2 Duchepp (phonetic). Are they already there?

3 RON CHERRY: This is Ron in Tokyo. And I
4 think that ready to shop via air early next week. That,
5 I think is a holdover from an update that we might've
6 done even going back to the weekend, because the action
7 is supposed to take place, it might be today, Jay, but
8 my understanding is that, more likely tomorrow.

9 These are in-country. The detectors are
10 in-country. And what will happen is that they will be
11 taken into the field. And right now we're planning to
12 do that by air. They'll be taken to two Japanese Defense
13 Force air bases. From which they would then be carried
14 by ground transport to these eight police stations where
15 they'll be installed.

16 So the next update that we have on this
17 should come a little later this week, in the next day
18 or two days, indicating that the installation of these
19 ground monitoring detectors has taken place.

20 MALE PARTICIPANT: And this is one that I
21 forgot to update that far, far right SOC, so I apologize.

22 MALE PARTICIPANT: No, no worries. That's
23 probably on a -

24 MALE PARTICIPANT: And just one little
25 point here. This is Tim in Tokyo. One at the nervous,

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1 the spreadsheet. When you do updates and put them in,
2 please try to avoid using phrases like tomorrow, early
3 next week, et cetera?

4 Because we go back and look at it and it
5 doesn't make sense. So just say early the week of 4/26
6 or whatever.

7 CINDY CARPENTER: That's a good point,
8 thank you. All right. The next one that I've got is,
9 so then we talked about 2A and 2B. Next one is 5, it's
10 the robotic monitoring devices. The radiation advising
11 cameras, the gamma cameras.

12 RON CHERRY: Any of you want to do that or
13 shall I?

14 MALE PARTICIPANT: Yes, well, actually let
15 me get you some info, maybe you already know. My
16 understanding from Derek (phonetic) is that only one
17 of the boxes made it through customs. And the other
18 four are all tied up at Norida (phonetic). Now did you
19 hear that?

20 RON CHERRY: I hadn't heard that but I heard
21 that it was a one plus four, and MEDE (phonetic) was
22 working on it. So we may have to do a lessons learned.

23 We will do a lessons learned exercise with
24 the DOJ after this shipment goes through. And part of
25 that may be that the best place to meet these shipments

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1 will be at the airport.

2 ALAN BLAMEY: Yes. No, no, I agree. And
3 that's really smart. I had asked Derek, and I haven't
4 seen it, to send forward, all of the FedEx tracking
5 numbers. Because he originally told me there was only
6 one shipment.

7 And then we heard from our Japanese
8 colleagues that there were two shipments. And now we
9 hear, well, no, actually it's five shipments of which
10 four are snagged in the snare of customs. Yes,
11 definitely some lessons learned here.

12 RON CHERRY: Right. Well, this is only the
13 first of many deliveries, right, Jay? So we'll see.
14 We'll see about that.

15 MALE PARTICIPANT: I understand.

16 RICK NIELSEN: Excuse me, Rick Nielsen from
17 INPO here. Just wanted to know who we could contact
18 to learn these lessons. Because maybe we can do a good
19 job, or a better job, of coordinating these with you
20 all or the government of Japan to get shipments through.

21 Was there a point of contact so that we can discuss
22 it and learn?

23 MALE PARTICIPANT: That's a good point.

24 MALE PARTICIPANT: This is exactly why we
25 have these meetings like the 2:30 meeting today so we

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1 can take this up with them. And Ron will take this up
2 with them today.

3 RON CHERRY: Yes, and in that respect, if
4 there is any particular issue like that, Jay, or anyone
5 else at headquarters, that you want us to raise with
6 our counterparts here, just send us an email with a very
7 clear subject line so we won't miss it.

8 And then because we're trying to be a little
9 more systematic here as well at putting together agendas
10 and discussion points in advance.

11 RICK NIELSEN: Yes, that's good. What I'm
12 concerned about is there might be a lesson for INPO and
13 for the utilities that are shipping them to.

14 RON CHERRY: Right.

15 RON NIELSEN: And if there is, we'd like
16 to know that.

17 ALAN BLAMEY: Yes, Ron and the Embassy
18 crowd, you could just utilize, I mean if something gets
19 written up, like a one-pager or something, just utilize
20 the same kind of addressee list that we had to get these
21 updates with the, here's kind of what we learned.
22 Here's what to do and here's not what to do.

23 RON CHERRY: Right. That's a good idea.

24 RICK NIELSEN: The other -- I'm sorry, I'm
25 getting lost in which number we're on. Are we on 2 Bravo

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1 now?

2 CINDY CARPENTER: We're actually on number
3 5.

4 RICK NIELSEN: Okay, I'm sorry I missed
5 that.

6 CINDY CARPENTER: But anymore discussion
7 on the robotic monitoring devices?

8 RON CHERRY: The only other update that I
9 have is that I have received the, well, I've seen the
10 country clearance requests tabled for the four people
11 from the lab who will be coming out, scheduled to be
12 at Scuba City on the 14th and 15th.

13 And the details of that visit are being
14 coordinated between Idaho and TEPCO, which is actually
15 per my suggestion. And so we're looking forward to
16 having the technical team here.

17 MALE PARTICIPANT: Ron, this is Sal. I
18 just need to talk to you offline after this call. If
19 you could call me on my cell?

20 RON CHERRY: Sure. Can you give me that
21 number?

22 MALE PARTICIPANT: Yes, it's (b)(6)

23 RON CHERRY: (b)(6) will do.

24 MALE PARTICIPANT: Thanks.

25 CINDY CARPENTER: Anymore discussion on

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1 that item? Did someone want to go back to item 2B?

2 RICK NIELSEN: Yes, Rick Nielsen --

3 CINDY CARPENTER: Okay.

4 RICK NIELSEN: I beg your pardon, sorry for

5 --

6 CINDY CARPENTER: That's okay.

7 RICK NIELSEN: -- losing track on the
8 numbers. On 2-Bravo, there was an incident item on
9 Bruce's shift and that was the government of Canada would
10 help ship. Is there any progress on that?

11 MALE PARTICIPANT: The answer is we're
12 starting to make some progress, not through the
13 government of Japan but perhaps, through the government
14 of Canada.

15 So we need to let that work through channels
16 and see if there's any progress there. In addition to
17 that, we do have that on the list to talk with the
18 government of Japan this afternoon. So nothing more
19 other than that.

20 RICK NIELSEN: Thank you.

21 CINDY CARPENTER: Anymore discussion on
22 that item? All right, so let's move onto 5A and that
23 information of radiation showing the tails (inaudible).

24 ALAN BLAMEY: Any update on that?

25 RON CHERRY: No, just one question on that,

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1 Jay. So I just want to confirm that you all did send
2 back the information, right? A response to the, based
3 on the information that the Japanese had provided late
4 last week?

5 MALE PARTICIPANT: I thought we had. I'll
6 poke around to see. I could've sworn but if you're
7 asking and I'm not so sure, maybe we didn't. So give
8 me a couple minutes and by the time this is over, I should
9 have an answer.

10 RON CHERRY: Right. I'm asking because I
11 think you might have. But I might have been just a little
12 busy and I might have missed that. So I'm just really
13 trying to circle back and double check.

14 MALE PARTICIPANT: I'll look through right
15 now. And by the end of this, we'll have an answer.

16 RON CHERRY: Thank you very much.

17 MALE PARTICIPANT: Say this is Sal. I
18 remember seeing those calculations on how long things
19 should last in the respective radiation fields. So
20 hopefully they do have it.

21 MALE PARTICIPANT: Yes, I thought we did
22 it, thank you.

23 RON CHERRY: I think the answer is yes.
24 I just wanted to confirm before I started going back
25 through all of my emails. Okay, so thanks.

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1 CINDY CARPENTER: All right guys, thank
2 you. All right, the next one is 18. It's the calcium
3 iodide preparation.

4 RON CHERRY: I have to look for it.

5 CINDY CARPENTER: Any update on that one?

6 MALE PARTICIPANT: We think that's still
7 with a lawyer. The Embassy is handling that one.

8 CINDY CARPENTER: Okay, all right, thank
9 you. All right, the next one is 24, it's the mega triage.
10 It's both irradiation and contamination capability.
11 So if there's not an update, we'll take that one up
12 to my (inaudible). The next one is 25A.

13 MALE PARTICIPANT: Sorry, I'm from the,
14 number 24, the only update we've got now, we have the
15 PFC (phonetic), Colonel Towns (phonetic) got that from
16 USFJ last night.

17 CINDY CARPENTER: All right, good. All
18 right, 25 is information, is the (inaudible).

19 MALE PARTICIPANT: No update on that one.
20 That's been sent to the government of Japan for
21 clarification.

22 CINDY CARPENTER: Okay, Gus, thank you.
23 27 is U.S. cooperation in bringing private sector
24 engineers in to show them (inaudible).

25 MALE PARTICIPANT: That one, with the next

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1 couple, I believe where it talks about the shielding
2 and structural analysis.

3 CINDY CARPENTER: Right.

4 MALE PARTICIPANT: No movement on that.
5 That's been sent to the government of Japan for
6 clarification.

7 CINDY CARPENTER: All right, so that takes
8 care of 27, 29, and the expertise and stuff I showed
9 in 29B. All right, the next one is, unless there's any
10 further discussion on any of those, the next one is 32,
11 is GE/Hitachi is following up on the (inaudible)
12 occurred, HN (phonetic) analysis.

13 MALE PARTICIPANT: Yes, that action is just
14 a very low priority for us so we're not doing anything
15 at this point in time.

16 CINDY CARPENTER: Okay, all right. The
17 next one is 33. It's plants clarify for the Reactor
18 Safety Team the indications they could be used for
19 (inaudible) reactor pressure, (inaudible), and the
20 location of the core. And our (inaudible).

21 ALAN BLAMEY: That's in progress, as well
22 as the next several, with everyone, that first one is
23 with the MELCOR people, who are working on sending out
24 meetings between engineer to engineer. And we're
25 refocusing the team right now, with an effort to

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1 specifically focus on arresting it in-vessel.

2 RON CHERRY: This is Ron. Alan, a
3 question. When you said the "MELCOR" people, does that
4 include the Sandia guys who are out here?

5 ALAN BLAMEY: Yes, indeed. That's the two
6 Sandia people.

7 RON CHERRY: Okay, so just please keep me
8 in the loop on when those meetings will be set up or
9 when they'll take place.

10 ALAN BLAMEY: Yes. We're working on
11 trying to, I'll do that Ron, thanks.

12 RON CHERRY: Great, thanks.

13 MALE PARTICIPANT: But let me throw in
14 something that has not come to fruition yet on this topic
15 but I just wanted to make you aware. We've developed,
16 for other reasons, the thing we call the gamma camera,
17 which is a little different than the gamma cam.

18 I think our initial calculations imply that
19 this thing should be able to look through the shielding.
20 It can sit there and just take a very decent, very
21 granular, almost radiography, if you will, by utilizing
22 the gamma rays, to understand what may be going on inside
23 there.

24 We're going to test this. We put in a
25 request with NRC to go to, I think we listed four reactor

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1 vessels or four reactors that are very similar to this
2 one here.

3 And we're trying to get permission to go
4 ahead and test it out state side first to see if this
5 thing will work. So I just want to let you know that
6 we're kind of running down that road, in parallel, with
7 a different technology.

8 CINDY CARPENTER: All right. I think
9 we've gone through all the open items. Is there
10 anything else for discussion?

11 MALE PARTICIPANT: No, have you done 34?

12 CINDY CARPENTER: Did I miss 34? Okay, 34
13 is, I think we said (inaudible) that can be used for
14 surging unacceptable challenges.

15 MALE PARTICIPANT: Oh, you did say that
16 through all of them.

17 CINDY CARPENTER: Yes, I think I heard the
18 overall working. So are there any other issues that
19 we should discuss on this call? Any additional items
20 to add to the list, or anything we didn't discuss?

21 All right, I'm not getting anything then.
22 Have a good evening. And we'll get those updates out.
23 And we'll talk to you tomorrow evening at 2000, that's
24 8:00 p.m. All right, thank you very much. Have a good
25 evening.

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MALE PARTICIPANT: Ron, give me a call.

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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

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4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

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6 THURSDAY

7 APRIL 12, 2011

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(CONFERENCE CALL INITIATED)

0 (@9#4@_13765094

CINDY CARPENTER: Hi. Could we have
roster call back, please?

MALE PARTICIPANT: The roster play back.

OPERATOR: There are currently eight
participants in your conference. The following people
are in the conference.

BOB EDDY: Bob Eddy in the emergency
response center at INPO.

SAL GOLUB: Sal Golub DOE Office of Nuclear
Energy.

RICK NIELSEN: Rick Nielsen, INPO.

DAVE CHILTON: Dave Chilton, DOE, NNSA.

LEE HART: Lee Hart (phonetic), industry
support team Japan.

MALE PARTICIPANT: (inaudible) naval
reactors.

OPERATOR: Roster playback is complete.

CINDY CARPENTER: Good evening, everyone.
This is Cindy Carpenter again and I'm the ET director this
evening with the NRC. Now, the roster seems a little
sketchy tonight so we'll have to (inaudible). I also
don't have the most up-to-date list. It hasn't quite

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1 come in yet, so I'm going to work my way through the latest
2 one, which was last night after the phone call. So if
3 something has changed, please bear with me on that one.

4 So is there any issue that someone wants to
5 bring up before we go ahead to the (inaudible)? All
6 right. Hearing nothing, then we'll go ahead through the
7 list, and like I said, just bear with us. And so this
8 is basically the phone call last night. So the first one
9 I've got is item 21 and it's to devise (inaudible)
10 radioactively contaminated water and information and
11 evaporation technology.

12 I think, Department of Energy, I think you
13 have the lead on that one.

14 ALICE CAMPANINI: Hi, this is Alice
15 Campanini (phonetic), is there anyone else from
16 Department of Energy on the call?

17 SAL GOLUB: This is Sal.

18 ALICE CAMPANINI: Hi. So, Sal, we had sent
19 some updated comments, do you want to talk to those today?

20 SAL GOLUB: I don't have the printed out
21 version of those comments. (Inaudible) and is dated
22 April 11th, 2030 hours.

23 DAMIEN: Al, Sal, this is Damien, I just got
24 on the line.

25 ALICE CAMPANINI: Oh, okay. Sal, have you

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1 had a chance to look at the comments that Damien and I
2 worked on today?

3 SAL GOLUB: I did and I agreed with those
4 and sent those in to Ron and Alisha earlier this evening.

5 ALICE CAMPANINI: Oh, okay. Great. So
6 I'm sorry, Sal, did you want to talk to the status updates
7 or did you want Damien and I to?

8 SAL GOLUB: I don't remember much in the way
9 of the status of the response changing, just the comments
10 that were intended for the USG side.

11 CINDY CARPENTER: All right. Any update
12 on that one or should we (inaudible) tomorrow.

13 DAMIEN: Alice, can you take it?

14 ALICE CAMPANINI: Sure, I can take it.
15 Sorry, I'm pulling up the spreadsheet now. I do have it.

16 CINDY CARPENTER: All right. Like I said,
17 we probably have the same issue where I'm working off one
18 that's dated today, but it's dated this morning.

19 ALICE CAMPANINI: Okay.

20 SAL GOLUB: Alice, I don't think we need to
21 go through that now. We sent that information to Ron.
22 He should incorporate it into the next version of the
23 spreadsheet.

24 ALICE CAMPANINI: Okay. That's fine.

25 CINDY CARPENTER: All right. Let me call

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1 the next one then. It's 21 Bravo is this the daily for
2 (inaudible) radioactive waters or is the same
3 (inaudible) status with no one to confirm that?

4 SAL GOLUB: That one, actually, may be
5 worth talking to Alice.

6 ALICE CAMPANINI: Okay. So for that one,
7 let's see, I'm sorry. I've got a markup of the comments.
8 Damien, do you have the cleanup version.

9 DAMIEN: A couple of minor things. First
10 of all, there was a confusion over the number of waste
11 water (inaudible), that should be changed from 6 to 5,
12 plus the truck-mounted tank. That's according to Steve
13 Schneider who's involved in that effort. The other
14 thing is, an email went in through Ron and Alisha, among
15 others, yesterday conveying the prices that we're
16 waiting for a response back from the Japanese on they
17 intend to proceed; with an air shipment, or sea shipment,
18 or what.

19 ALICE: Do we have Ron Terry on the call or
20 anyone from the embassy.

21 SAL GOLUB: It didn't sound like it from the
22 roll call.

23 ALICE CAMPANINI: Okay. The action really
24 is going to be on the embassy side at this point, so
25 they've got our updates to this and hopefully they can

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1 provide some additional updates tomorrow.

2 CINDY CARPENTER: All right, then let's
3 wait till tomorrow night's --

4 MALE PARTICIPANT: Well, is anybody from
5 the embassy on the call?

6 SAL GOLUB: Is anyone from the Japan team
7 on the call?

8 CINDY CARPENTER: I didn't hear that in the
9 callback. All right. Well, let's keep going in case
10 they join us in progress. Let's go on to the next one
11 and I've got 21 Bravo and it's the water storage tanks
12 and trailers for contaminated water 1F.

13 DAMIEN: That's the one I was just
14 referring to about the different number of tanks and
15 about involving the embassy support to just ask Japan how
16 they intend to proceed.

17 CINDY CARPENTER: Okay.

18 DAMIEN: The process of what you were
19 referring to.

20 CINDY CARPENTER: All right. Thank you.
21 All right. The next one --

22 DAMIEN: Do we need to go back to 21A?

23 CINDY CARPENTER: Okay.

24 DAMIEN: All right. On that one, as was
25 mentioned in the call last night, we had sent in, the

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1 Department of Energy sent in, the options paper that
2 Monica, (inaudible), and others were involved in putting
3 together. And at this point, we don't have any
4 assessments, or analogies, or papers being put together
5 specifically for water radiation.

6 So we're waiting for further guidance here
7 as to whether that addresses all the current questions
8 from Japan, or whether there's additional information,
9 or just additional psychology issues that are being asked
10 of us.

11 So if DOE (inaudible) doesn't get on the
12 line with this call, we'll try and call Ron or Alisha
13 after this call.

14 CINDY CARPENTER: All right. Any further
15 discussion on that one? All right. Thank you. The
16 next one is 21C, the information on evaporation
17 technology. Can we status on that one?

18 ALICE CAMPANINI: That one, the discussion
19 of evaporation technologies was included in the options
20 paper that was referenced in one of the earlier items,
21 so this is another area where we need to have some
22 clarification of whether the options paper satisfied the
23 Government of Japan's request for information or if
24 there's additional work to be done in that area. So
25 we'll continue that discussion tomorrow.

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1 CINDY CARPENTER: Okay. Good. Thank
2 you. All right. The next one is 21E, it's a direct
3 request from the Government of Japan to Pacific Northwest
4 Labs for the (inaudible) contamination and storage
5 issue.

6 SAL GOLUB: This is Sal, I can take that
7 one. So the status in the near term, the PNNL labs, for
8 the folks in Japan, is being covered under an INL work
9 for others program through DOE. So no further action is
10 required on that in the near term. In the long term, in
11 our comment, we put as government-to-government vehicle
12 for providing the DOE National Lab expertise over the
13 long term should be considered. So we'll provide that
14 edit.

15 CINDY CARPENTER: All right. Thank you.
16 Any other discussion on that one? All right. The next
17 one is 21F, it's determine whether temporary (inaudible)
18 waste processing (inaudible) are available or if they
19 would be a good idea.

20 RICK NIELSEN: This is Rick Nielsen from
21 INPO. I believe that action has been completed. If Lee
22 Hart is still on the line, maybe he can comment, but INPO
23 isn't taking any further action at this point. It's in
24 TEPCO's hands. So this topic will be closed out unless
25 you disagree with it.

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1 LEE HART: Yes, this is Lee Hart, that is
2 my understanding too. We consider this one closed out
3 and it's (inaudible) action going (inaudible).

4 BOB EDDY: This is Bob Eddy from the INPO
5 emergency response center, this action is closed out.
6 We provided a package a few days ago to TEPCO and we also
7 had a phone call with TEPCO, Dr. Suzuki, and Dan Fatal
8 (phonetic) from Shaw Industries, as well as Diversified
9 Technology Services, and they have a contract with TTS
10 to -- they're starting to ship equipment this week for
11 removal of contaminated water. So this is closed.

12 CINDY CARPENTER: Okay. Good. Thank
13 you. All right. The next one is 21G, it's temporary
14 loading tanks for removing contaminated water.

15 ALICE CAMPANINI: This is Alice Campanini
16 with Department of Energy, I have a question for other
17 participants on the call. Other than Department of
18 Energy, is DoD or INPO doing anything in this task area?

19 BOB EDDY: INPO is not.

20 LIEUTENANT NORCO: This is Lieutenant
21 Norco (phonetic) calling over. I'm JSF/LNO to the
22 Japanese joint staff and I have a little bit of insight
23 on DoD involvement and I don't believe there's any.
24 Initially there were some points discussed on the bladder
25 front, that kind of thing, but I think those have been

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1 pretty much put to rest at this point as not the best
2 option. That's what little I know on it.

3 ALICE CAMPANINI: Somebody was providing
4 status of input from the Toshiba team, which organization
5 was providing that input?

6 TIM: I'm sorry. Are we still on 21G?

7 CINDY CARPENTER: Yes, we are.

8 TIM: Okay. This is Tim in Tokyo. We, at
9 our 3 o'clock meeting yesterday with the Japanese, took
10 a number of items off the list. I don't know if you have
11 it reflected in the spreadsheet, so let me just go down
12 and say which ones the Japanese closed and withdrew, and
13 then I'll be sending you an updated spreadsheet later
14 today with those.

15 Numbers 21C, 21E --

16 CINDY CARPENTER: Can you go slowly, Tim?

17 TIM: Sure. 21C is closed by the DOJ.

18 CINDY CARPENTER: Thanks.

19 TIM: 21 Echo is closed by the DOJ. 21
20 Foxtrot is also closed. 21 Golf is closed; withdrawn.
21 It's withdrawn. 21 Hotel is withdrawn. And 21 India is
22 withdrawn.

23 CINDY CARPENTER: Okay.

24 TIM: There's a couple more.

25 CINDY CARPENTER: Go ahead.

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1 TIM: Okay. 25 is also closed. Then 29,
2 29 Bravo are both closed.

3 CINDY CARPENTER: Okay. 25, 29, and 29
4 Bravo.

5 TIM: Yes. And sorry, going back, there
6 was one more, 21 Alpha is also closed.

7 CINDY CARPENTER: Okay.

8 BOB EDDY: Excellent. That helps out
9 quite a bit.

10 CINDY CARPENTER: It does. Thank you.

11 DAMIEN: That was 21 Alpha; that last one?

12 ALICE CAMPANINI: And for clarification,
13 was it 29 and 29 Bravo?

14 TIM: Correct. Both 29 and 29 Bravo.

15 DAMIEN: Tim, the last one you mentioned,
16 is that 21 Alpha?

17 TIM: Okay. Yes, 21 Alpha is the last one
18 I mentioned.

19 CINDY CARPENTER: Okay. So that's 21
20 Alpha, 21 Charlie, 21 Echo, 21 Foxtrot, 21 Golf, 21 Hotel,
21 25, 29, and 29 Bravo.

22 TIM: 21 India also.

23 CINDY CARPENTER: Okay. I guess I missed
24 a side.

25 TIM: Yes, then 25, 29, 29 Bravo.

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1 CINDY CARPENTER: Got it.

2 TIM: So a lot more off the list and only
3 one new addition.

4 CINDY CARPENTER: Okay. So having those,
5 let's move on then to Number 4, which is the germanium
6 semi-conductor detector.

7 MALE PARTICIPANT: It's complete now with
8 the Government of Japan and the embassy team can figure
9 out exactly who's getting what (inaudible).

10 CINDY CARPENTER: Okay.

11 RON: This is Ron in Tokyo. Tim, do you
12 want to say anything else --

13 TIM: Ron, are you on the line?

14 RON: I am on the line. I was just going
15 to ask if you could say anything from the meeting
16 yesterday afternoon since I had to leave before we
17 finished the discussion on the germanium detectors? If
18 not, then we'll just provide the most recent update on
19 that in the next spreadsheet that Tim sends out later
20 today. Chris Smith --

21 TIM: We do have the changes. On 4 Bravo,
22 Matt told us, the Ministry of Forestry and Fisheries,
23 that they were scheduled to get one detector yesterday
24 and one next week, and they asked if we could have both
25 of them delivered next week. It would be easier for them

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1 to receive both detectors at the same time.

2 CINDY CARPENTER: Okay. Further
3 discussion on 4, 4A, 4B, 4C, 4D?

4 TIM: Sorry, 4 Alpha, where it says MHLW in
5 the status section, it says MHLW to request two or three
6 more detectors.

7 CINDY CARPENTER: Right.

8 TIM: They specified they want three.

9 MALE PARTICIPANT: And there was one other
10 email, if I'm not mistaken, I thought I saw Millstone was
11 offering up a detector as well. Maybe INPO can speak to
12 that if you guys saw the email..

13 BOB EDDY: Yes, that's correct. John
14 Perry, the radiation protection supervisor at Millstone
15 had it, and we had his contact information on the sheet
16 yesterday, so I'm not sure what happened to that, but if
17 you need it, I can resend it to you.

18 MALE PARTICIPANT: Okay. And I guess the
19 question would be, DOE has been coordinating a lot of
20 these, do you want me to send that information to DOE
21 because it talks about the type of detector to see if you
22 guys would need that or do you want us to handle that
23 separately?

24 RON: This is Ron in Tokyo, let's
25 coordinate that with Chris Smith at DART DOE liaison 1

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1 at (inaudible).gov.

2 MALE PARTICIPANT: Okay. That's fine. I
3 will work on trying to do that as soon as our network gets
4 back up down here.

5 RON: Good luck.

6 TIM: Okay. Got a couple more updates on
7 4. On 4 Charlie, the DOJ last night asked whether DOE
8 was prioritizing the unit. DOE told the DOJ that, yes,
9 they were prioritizing units; the ministries that are
10 able to return them over ministries that can't get them
11 back. TEPCO said that they may not be able to return it
12 because they're afraid it'll be contaminated; whereas,
13 MHLW, MAP (phonetic), and NISA, they all asked to borrow
14 these detectors and return them, so then TEPCO asked,
15 does that make them a lower priority?

16 RON: This is Ron, and I don't know if
17 anyone at headquarters wants to chime in, but the

18 (b)(5)

19
20 (b)(5)

That's my

21 understanding. So I think there's a decision that needs
22 to be made somewhere between DOE headquarters and the AMS
23 team on how we're going to respond to TEPCO on this.

24 TIM: Okay. Along those lines, the DOJ
25 also raised the issue, they would like to know about the

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1 issue of liability on these detectors. Yes, if they get
2 broken in use here.

3 RON: And again, this is Ron, my
4 understanding from the guys on the AMS team is that there
5 was some paperwork in the works to address those kinds
6 of issues for equipment that was being loaned. Jay, is
7 there anything you can say on that?

8 JAY: I don't have (inaudible) just
9 mentioned (inaudible) whole thing, to include, you know,
10 giving these things away. We have a limited amount,
11 they're expensive, and to order them, that's entirely
12 possible, but I'm not so sure that they're sitting on the
13 shelf.

14 RON: Right. This question about
15 liability, I think, pertained to, even to the equipment
16 that we're loaning. So we've already identified the
17 equipment. We're in the process of loaning it, but there
18 have been questions, apparently, regarding the terms and
19 conditions on which the equipment is being loaned.

20 I recall a conversation, the last few days,
21 with the AMS team that there is some paperwork being
22 prepared to address those issues. I have not yet seen
23 that paperwork. I wasn't sure whether you or someone
24 else at headquarters had.

25 JAY: Clearly, liability and terms of use

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1 were very different in that, so I will check with the ops
2 folks, you can check with Chris Smith, and between the
3 two of us, we'll figure that one out.

4 RON: Will do. Thank you.

5 CINDY CARPENTER: All right. Anymore
6 discussion on the item 4s; A, B, C, or D?

7 MALE PARTICIPANT: So does the list need to
8 be updated to have the right points of contact? You got
9 Mr. Terry there and who else from headquarters?

10 MALE PARTICIPANT: So who should be POCs on
11 these?

12 MALE PARTICIPANT: Right.

13 MALE PARTICIPANT: We'll send back a list,
14 like I said, later today and then DOE can update that
15 point of contact on the new spreadsheet.

16 CINDY CARPENTER: All right. Anything
17 else on those? All right then, not hearing anything
18 more, let's go to number 13A, it's a request for the
19 following; (inaudible) iodine (inaudible).

20 TIM: Tim again in Tokyo, we have an update
21 on that one. The DOJ told us that, within that request,
22 they are withdrawing the request for the 5100 units of
23 iodine absorbent masks and 33,000 units of iodine
24 absorption cans, but they still have the request for 2100
25 units of RAD survey meters and 2600 units personal

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1 dosimetry.

2 GLEN SOUTHERN: I've got an update for
3 that. Tim, that was Tim from the embassy, right?

4 TIM: Yes.

5 GLEN SOUTHERN: Tim, this is Glen Southern
6 from naval reactors. I contacted NAV-C (phonetic) today
7 to discuss availability of Radiacs and they have some
8 Radiacs that they may be able to provide. I can get a
9 point of contact to the right point of contact there to
10 discuss the possibility of getting those in shipment and
11 transfer. So I need a point of contact directly for
12 Radiac.

13 They also have the self-indicating pocket
14 dosimeters; older style. They've got quite a few of
15 those, but the issue would be calibration. You know,
16 calibration and going through those, those have been
17 excessed by the Navy.

18 TIM: What do you mean by quite a few? Can
19 you give us a ballpark?

20 GLEN SOUTHERN: Fifty thousand.

21 TIM: That's quite a few.

22 GLEN SOUTHERN: Yes, that's quite a few.
23 I'm sorry. But they said that, of that, you know,
24 they've been stored in barrels, and again, they were
25 ready to be excessed, so there's some question as to, you

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1 know, which would be usable, but they said, you know, 30
2 to 40 percent may not be usable, but there are 50,000.

3 TIM: And they could be re-calibrated?

4 GLEN SOUTHERN: Yes.

5 TIM: Because we're in an envelope here
6 that, I think, doesn't allow them to calibrate them here.

7 GLEN SOUTHERN: Exactly. That's the
8 concern, but again, I've got several hundred Radiacs that
9 have never been deployed to the field, that are a
10 possibility for transfer. Again, I would need a point
11 of contact to discuss the transfer of those, the specs
12 on those, and, you know, the shipping, and the like.

13 TIM: Okay. I've got two points of
14 contact, one at NISA.

15 GLEN SOUTHERN: Okay.

16 TIM: It's, first name is Yasuhiro,
17 Y-A-S-U-H-I-R-O.

18 GLEN SOUTHERN: Can you send this to me via
19 email?

20 TIM: I'll send it in a spreadsheet. I'll
21 add the -- there's an MOD and a NISA point of contact.

22 GLEN SOUTHERN: Right. The MOD may be
23 easier, to get into the MOD, and then the MOD would take
24 custody of them, because it is a Navy function.

25 TIM: Yes, I will include both of those in

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1 the updates to this.

2 MALE PARTICIPANT: And just please keep us
3 as informed as much as you can of real time about where
4 you're at with this as we move along.

5 GLEN SOUTHERN: Oh, absolutely. Again, we
6 were waiting for the validation and I was able to get in
7 touch with the right people to determine what's out
8 there.

9 MALE PARTICIPANT: One of the things they
10 told us yesterday is that they are trying to refine their
11 conversation on personal dosimetry, so they're looking
12 at that, but hopefully we'll enter into the conversation,
13 like, get that sorted out.

14 GLEN SOUTHERN: Yes, and I'm going to get,
15 you know, the right people talking, and that's the most
16 important part there.

17 TIM: So I'll be sure to put those two
18 points of contact in to the one we'll send out later
19 today.

20 GLEN SOUTHERN: Okay.

21 CINDY CARPENTER: All right. Anymore
22 discussion on that one? All right. Let's move on then
23 to 2 Alpha, and that's the (inaudible) radiation
24 monitoring (inaudible), (inaudible) stationary
25 (inaudible). Any update on that one from the other day?

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1 RON: This is Ron in Tokyo. Those are
2 supposed to be deployed, I think, either today or, if not
3 today, then very soon.

4 CINDY CARPENTER: Okay. Great.

5 RON: We'll update it as soon as that's
6 happened.

7 CINDY CARPENTER: Good. Thank you.
8 Okay. The next one is 2 Bravo. That's (inaudible) the
9 same one, right? Radiation, the hand and foot monitors.

10 RICK NIELSEN: Yes, this is Rick Nielsen,
11 Mark (inaudible), who is from the Canadian, he's
12 (inaudible) guy in the embassy there in Japan, he's
13 reached out and made contact with Bruce. I'm not sure
14 exactly what has (inaudible) to date, but I was popping
15 him some emails between Bruce and Mark Sculian
16 (phonetic), so that's going forward.

17 Also, Bruce is -- I believe they've made
18 contact in Japan, or at least they've gotten contact
19 information, where we've assisted them in the address
20 (inaudible), the Japanese (inaudible) on that too, so
21 we're probably a little bit closer on getting these
22 going.

23 CINDY CARPENTER: Okay. Thank you. All
24 right. The next one is 5, it provides monitoring
25 devices. Any update on that one?

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1 RON: This is Ron, the robotics equipment
2 and the cameras should be received at AIST, at
3 (inaudible), today.

4 CINDY CARPENTER: Well, good. All right.
5 Thank you. All right, next one is 5 Alpha, and this is
6 (inaudible) and radiation shielding panels for vehicles.

7 RON: This is Ron, the Japanese provided us
8 with a questionnaire late last week, and DOE provided a
9 preliminary response over the weekend, and that was
10 provide to the Japanese, I think we provided that to METI
11 yesterday. So that would have been on the 12th.

12 CINDY CARPENTER: Okay. All right.
13 Number 18, potassium iodine preparation. Do we have an
14 update on that? All right. Let's wait and we'll pick
15 up on that one tomorrow evening. And 24 is the naval
16 triage, the exposure to radiation decontamination
17 capabilities. Okay. We'll keep moving (inaudible).

18 MALE PARTICIPANT: Well, there was a
19 discussion I need to clarify, does anybody have any sense
20 of the status of that? Any particular point of contact?

21 CINDY CARPENTER: Sounds like none.

22 TIM: We'll get back to you on that. We do
23 have some points of contact that I'll add in.

24 CINDY CARPENTER: All right. Well, let's
25 go ahead. We don't have anything on that one. Let's

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1 move on to the next one, since 25 is closed, 27, it's the
2 U.S. cooperation (inaudible) the shielding working
3 group. All right. Is the (inaudible) site team on?

4 MALE PARTICIPANT: Yes, we're on. We'll
5 have to get some more details there. I think a lot of
6 that is being handled by the private sector right now.

7 CINDY CARPENTER: Oh, okay. Thank you.
8 All right. 29 and 29 Bravo are also closed now, so 32
9 is (inaudible) following up on (inaudible) issue
10 analysis.

11 MALE PARTICIPANT: I think GE has finished
12 up most of that. It's really just, when you start to get
13 into the analyses, that's ongoing with the work that
14 we're doing with the RST.

15 CINDY CARPENTER: Okay.

16 MALE PARTICIPANT: I believe that's all
17 being rolled into the RST rev 2 document. Well, I
18 shouldn't say all of it, but I think as you go down through
19 the list, there's some that are.

20 CINDY CARPENTER: Okay. And I guess
21 that's the same for the next one, 33, (inaudible) clarify
22 for the reactor safety team's indications that can be
23 (inaudible) in location 4.

24 MALE PARTICIPANT: Yes, I think that one,
25 once again, is rolled into the RST document.

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1 CINDY CARPENTER: Okay. And probably the
2 same goes for 34 then, that's the one for the alternative
3 (inaudible), right?

4 MALE PARTICIPANT: Yes. And I think that
5 may have already been provided in one of the earlier
6 documents as well, but all that, we're rolling some
7 additional flow pads into the rev 2 document.

8 CINDY CARPENTER: Okay. And then the last
9 one that I've got is (inaudible), it concerns the reactor
10 safety team recommendations that the reactor (inaudible)
11 pressure vessel induction can be maximized (inaudible).

12 MALE PARTICIPANT: Yes, and in fact,
13 they're purging now.

14 CINDY CARPENTER: Oh, perfect. All right.
15 That's all I've got as open items on the list. Are there
16 are other open items that should be added here? Are
17 there other items that should be discussed this evening?

18 ALICE CAMPANINI: This is Alice Campanini
19 at the Department of Energy, we had an email today from
20 the RST asking about the availability of vests.

21 MALE PARTICIPANT: And I'm glad you brought
22 that up because yesterday afternoon, the Government of
23 Japan had a high priority request to look at protective
24 body armor. INPO had previously done some work with
25 TEPCO on this issue and last evening, before we left, I

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1 forwarded that to the RST with specific instructions.

2 Number one, to reach out to DOE and to reach
3 out to the Navy, naval reactors, and see if they had any
4 vests that were comparable to what was in the private
5 sector, and in that email included one suit and one vest.
6 The suits, I really don't think are going to be that
7 useful for them. I thought they were for like a neutron,
8 beta, alpha-type suit. It doesn't give you a lot of
9 shielding for gamma.

10 The vests are the ones that provide
11 shielding for gamma and that was with IIS. No contact
12 follow up was done with the manufacturer. I called the
13 manufacturer at 4:30 p.m. and just after 4:30 they
14 closed, so I pushed that to the RST to figure out how to
15 get in contact with the officers for the company, off
16 hours, to make sure that we can have a response back to
17 the Japanese this afternoon.

18 So currently, that's with the RST to get in
19 touch with somebody in the company to verify the
20 availability of those.

21 ALICE CAMPANINI: So is there still an
22 action for DOE and NRR to make this inquiries?

23 MALE PARTICIPANT: The inquiry that we were
24 asking for was just if DOE knew of any suits other than
25 the ones that were in the email and for naval reactors.

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1 And when I talked with naval reactors this morning, I
2 think they were going to do a quick check, but they really
3 didn't believe there was anything that they were aware
4 of. And DOE, I know, talking with Ron yesterday right
5 before the meeting, he wasn't aware of anything either.

6 So really, if DOE has any other thoughts
7 they can get back to us or if they find anything, that
8 would be good, but I don't think we're going to have
9 anything new come out of DOE or naval reactors.

10 LIEUTENANT COLONEL DEAN NORCO: Hey,
11 Allen, this is Lieutenant Colonel Dean Norco calling over
12 again from ETIS, had a question for you. If you can help
13 kind of put this to rest for us. I know the Japanese
14 request was for body armor of sorts, and you've kind of
15 discussed some solutions there, has there been any
16 discussion or any consideration on DOE's side for,
17 somehow, using lead shielding or lead blankets that were
18 in our warehouse in Atsugi?

19 I believe this is something that was brought
20 up earlier, and again, there's about 233 lead blankets,
21 relatively small size, 34 inches by 16 inches, is there
22 any use for those whatsoever? That's something on that,
23 on the DoD side, has been offered and we just hadn't
24 heard, regarding this new request, if that was still
25 required.

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1 SAL GOLUB: This is Sal. It certainly
2 seems like that would be something that would come in
3 handy.

4 LIEUTENANT COLONEL DEAN NORCO: And that's
5 what the DoD side was thinking, is it sounds like
6 something that would come in handy, but again, we've not
7 received a specific request from the Government of Japan
8 for those. And when they were initially offered, they
9 were, kind of, turned down, not necessary, Japan has
10 access to that kind of stuff apparently, but again, since
11 they've, again, asked for that shielding capability,
12 this time in terms of a suit, I just wondered, not
13 knowing, I guess they wondered if those blankets, since
14 they are so small, if they could be used for a similar
15 kind of purpose; similar to a vest.

16 ALAN: I think what we can do with it,
17 they're specifically looking for vests so that people,
18 I believe, can get out of vehicles and do work. And what
19 we can do, I can take that information and when I roll
20 this back to METI tonight, I can just make them aware that
21 there are, you know, X number of lead shielding blankets
22 that could be used as well to shield vehicles, and driver
23 compartments, things like that, so that way we can roll
24 it back into this request and see if they want to do
25 anything with it. Does that make sense?

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1 LIEUTENANT COLONEL DEAN NORCO: That
2 sounds good. I can forward you a picture and the actual
3 specifics. I do need your email though, Alan.

4 ALAN: Okay. Email is Alan, A-L-A-N dot
5 Blamey, and that would be, B-L-A-M-E-Y, that would be,
6 B as in boy, L as in lima, A as in Adam, M as in Michael,
7 E as in Edward, Y as in Yankee.

8 LIEUTENANT COLONEL DEAN NORCO: Got it.

9 ALAN BLAMEY: And that would at NRC.gov,
10 that would be Nuclear Regulatory Commission, the
11 NRC.gov.

12 LIEUTENANT COLONEL DEAN NORCO: Got you.
13 I'll ship that over to you within the next few minutes.

14 ALAN BLAMEY: Okay.

15 ALICE CAMPANINI: This is Alice Campanini,
16 DOE, should we track this line of inquiry on this
17 spreadsheet?

18 ALAN BLAMEY: The answer is, yes, and I
19 think Tim is going to put it in. It was officially
20 requested yesterday, but hopefully by the time it gets
21 on the sheet it'll already be closed. It was requested
22 to be done in 24 hours. It was a high priority for them.

23 LEE HART: This is Lee Hart with the support
24 team Japan. Here at TEPCO, we got a direct request from
25 TEPCO for the same idea of shielded, you know, bodysuits.

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1 So in a private-to-private, not
2 government-to-government, but we've provided TEPCO
3 those same vendors in the U.S. contact numbers. I don't
4 know if TEPCO had a chance yesterday to get a hold of them.

5 So going on in parallel (inaudible) to where
6 there is that, again, industry-to-industry contact, I
7 guess, doesn't need to be checked from this (inaudible).

8 CINDY CARPENTER: All right. Anymore
9 discussion? Any other new items or something else that
10 ought to be discussed?

11 LIEUTENANT COLONEL PRICE: This is
12 Lieutenant Colonel Price at U.S. Pacific Command. I
13 think this item I have to bring up is OBE, but because
14 it came out of Senator Durbin's office, I have to ask the
15 question. You got an inquiry from Cytotech Labs out of
16 Nashville to see if anybody would be willing to accept
17 50 kilos of potassium iodine in bulk form.

18 And this stuff would have to be converted
19 to either caplet or tablet format, either Japan or the
20 U.S., for it to be useful, but because it is coming out
21 of the Senator's office I have to kind of offer it up as,
22 does anybody need it?

23 MALE PARTICIPANT: It's not on the list
24 that the government gave us. There is a potassium iodine
25 that's already in the works here that's been hung up for

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1 almost three weeks with the lawyers in Japan.

2 LIEUTENANT COLONEL PRICE: Okay.

3 MALE PARTICIPANT: Other than that,
4 there's been on request from the Japanese Government in
5 the Hunco (phonetic) meetings.

6 LIEUTENANT COLONEL PRICE: Wonderful.
7 That should be sufficient, I hope, to close this out and
8 I appreciate and thank you for your patience on that
9 question.

10 CINDY CARPENTER: Any other open items or
11 anything else for discussion this evening?

12 MALE PARTICIPANT: As far as the last item,
13 I wanted to discuss the schedule for this call. I think
14 we're starting to slowdown with our meetings with the
15 Japanese Government here and so I think we may be able
16 to move from a daily call to, perhaps, every other day
17 to coincide, so when we meet with the Japanese
18 Government, ask the questions that we raise here, get
19 answers, and then go back.

20 Our next meeting with the -- we've got
21 cabinet meetings tonight and then on Friday will be the
22 next meeting with the working level group. So I propose
23 that we do our next conference call on Friday morning,
24 Tokyo time, Thursday evening, Washington time, so we skip
25 tomorrow's and then resume the day after.

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1 CINDY CARPENTER: Are there any objections
2 to that?

3 MALE PARTICIPANT: Well, there should be a
4 list that's sent out in the interim, updates information
5 exchanged during those days and during those lag times.

6 MALE PARTICIPANT: Can we get a master list
7 of everybody on the call? Is that possible to send to
8 us so we can make sure -- I mean, we're going through the
9 liaison office now when we send the updates, but I think
10 if we had an email list it might be faster for this interim
11 coordination.

12 MALE PARTICIPANT: Yes, and just an
13 inventory of all of the groups that are on so we can make
14 sure that everybody's on that needs to be on it, to know
15 who knows what.

16 MALE PARTICIPANT: Or does the liaison
17 office want to service that conduit? I think it'd be
18 better to get the direct contact.

19 CINDY CARPENTER: All right. We can see if
20 we can (inaudible) put together a master email list of
21 everybody who's on the call. And the --

22 MALE PARTICIPANT: My suggestion, you
23 should also have points of contact, phone numbers, and
24 the like. Is that what you're looking for?

25 MALE PARTICIPANT: Yes.

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1 CINDY CARPENTER: All right. We'll take a
2 look and see what's out there. Is it agreeable then that
3 the next call will be Thursday evening, U.S. time? No
4 objections to that. Okay. Then unless there's any new
5 items the next phone call will be Thursday evening at 8
6 o'clock Eastern Daylight Time, and we'll see about
7 sending out the updates and starting put together a list
8 of contacts.

9 MALE PARTICIPANT: Excellent. And like I
10 said, we'll send out an updated tracker, you know, today,
11 within eight hours, and then we'll probably have another
12 update tomorrow after the cabinet meeting.

13 CINDY CARPENTER: All right. Any new
14 items then?

15 MALE PARTICIPANT: Thanks, everybody.

16 CINDY CARPENTER: All right. Good evening
17 and thank you all.

18
19 (CONFERENCE CALL INITIATED)

20 0 (@A7U1L13765094

21 CINDY CARPENTER: Hi, Marty.

22 MARTY VIRGILIO: Hey, Cindy. I had some
23 second thoughts on the way home about that document and
24 how we should we proceed.

25 CINDY CARPENTER: Which one?

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1 MARTY VIRGILIO: This is the consolidated
2 document.

3 CINDY CARPENTER: I've been working that
4 one right now. That's the stability question, right?

5 MARTY VIRGILIO: Pardon me?

6 CINDY CARPENTER: That's the question that
7 you had on the stability document?

8 MARTY VIRGILIO: Right. Right. Once you
9 all have gotten comfortable with it yourselves --

10 CINDY CARPENTER: Right.

11 MARTY VIRGILIO: -- I think the next two
12 steps would be, before we get it out for broad
13 distribution and comment, I would like to make sure that
14 the team sees it in its current version, and then what
15 I'd like -- pardon me?

16 CINDY CARPENTER: Which team are you
17 talking about?

18 MARTY VIRGILIO: The site team.

19 CINDY CARPENTER: Oh, okay. Yes.

20 MARTY VIRGILIO: So we would give it to the
21 site team tomorrow for them to work it on their day shift,
22 and then what I'd like to do is, I'd like to down and talk
23 the Chairman through it.

24 CINDY CARPENTER: Okay.

25 MARTY VIRGILIO: And then we would go out

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1 for, you know, interagency comments.

2 CINDY CARPENTER: Okay. I'll pass that on
3 to them. Like I said, they're back there working it
4 right now. I just talked to them. Okay?

5 MARTY VIRGILIO: Yes. I think it would be
6 good because Chuck's got some insights on hoses and
7 reliability and stability. I think, you know, his input
8 might be very helpful there. And then I think that, you
9 know, I'd like to make sure that, given all the heat, that
10 the Chairman is thinking about, you know, going out the
11 50 miles. I'd like to make sure that he's got some degree
12 of comfortableness before we start the interagency
13 review of stepping back from that 50 miles.

14 CINDY CARPENTER: Okay. All right.
15 We'll do that. And I have a call into Chuck right now
16 talking to him about that (inaudible) assessment.

17 MARTY VIRGILIO: Okay.

18 CINDY CARPENTER: I want to make sure that,
19 you know, he's got time to talk about that one. Okay?

20 MARTY VIRGILIO: All right.

21 CINDY CARPENTER: So we'll talk to him
22 about that. The other thing is, the consortium call
23 tonight. I did that this evening. They want to, maybe,
24 go to every other day now, so we went ahead and agreed
25 that they would do it after the cabinet meetings. Their

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1 next one is Thursday evening now. So I think they're
2 going to go to every other day.

3 MARTY VIRGILIO: Good. Then that's good.

4 CINDY CARPENTER: And they moved that up
5 (inaudible) email distribution is to make sure that
6 everyone's getting all of the documents when they're
7 updating the documents. Okay. That is good because I'm
8 not sure, every night, there's not a lot new every single
9 night is what I'm noticing.

10 MARTY VIRGILIO: Yes. So that makes good
11 sense.

12 CINDY CARPENTER: Okay.

13 MARTY VIRGILIO: All right. I will --

14 CINDY CARPENTER: All right. I'll pass
15 this on to the reactor safety team and the protective
16 measures team then. Okay?

17 MARTY VIRGILIO: Good enough. Thank you
18 very much.

19 CINDY CARPENTER: All right. You have a
20 good evening.

21 MARTY VIRGILIO: You too. Bye now.

22 CINDY CARPENTER: Bye.
23
24
25

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(CONFERENCE CALL INITIATED)

0(9C(15_13765094

CHUCK CASTO: Okay. You have to stand out
on the street. The hotel won't let them come in on the
property.

JIM: Hey, Chuck.

CHUCK CASTO: You just order it and have to
stand out there in front of the hotel. Hi, this is Chuck.
This is Jim?

1 JIM: Yes, what's up?

2 CHUCK CASTO: Hey, Jim. I'm going to send
3 to you, I don't know, I'll send it to you too, I'm sending
4 it to who -- a draft PowerPoint presentation.

5 JIM: Okay.

6 CHUCK CASTO: Is the insights from our
7 global assessment.

8 JIM: Okay.

9 CHUCK CASTO: Sort of getting you started
10 on that. And there's a tasker in there somewhere to
11 develop a presentation. So these are the, kind of, main
12 points from the global assessment and I need to socialize
13 it with you and the ET; the presentation. And the
14 write-up for the global assessment, I know you need it
15 to do this, but that write-up will follow soon.

16 JIM: Yes, just for my understanding, who's
17 the audience for this?

18 CHUCK CASTO: Well, that's a good question.
19 There are multiple audiences.

20 JIM: Yes, first thing I saw is an outline
21 of the document and the email that I saw didn't have a
22 lot of background as to why we're doing this.

23 CHUCK CASTO: Yes. Well, the global
24 assessment is -- we originally intended it for a pivot
25 point to see, you know, are we at where we need to be to

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1 downsize and eject ourselves? And that was the original
2 intent, to serve as a basis for a pivot point, and so when
3 we go through the assessment we kind of understood that,
4 no, we're not at a pivot point and won't be at a pivot
5 point for quite some time.

6 JIM: Yes.

7 CHUCK CASTO: So we continued the
8 assessment, basically, to wrap-up and say, you know, this
9 is pretty much the outcome -- well, I can read you the
10 purpose. It's right on the document, for purposes, the
11 interim assessment is to consolidate, at a high level,
12 the NRC's current assessment of Fukushima Daiichi site
13 based on supporting evaluations, to inform plans and
14 actions moving forward for the NRC.

15 JIM: Okay.

16 CHUCK CASTO: So, you know, originally it
17 was designed as a pivot point, an exit strategy, that
18 didn't, you know, come to fruition, so now we're just
19 using it as an interim assessment. We're almost through
20 the phase of, we've put our best minds on this issue, on
21 this project, on this incident.

22 JIM: Yes.

23 CHUCK CASTO: You know, we've assessed all
24 the hazards and, you know, we've come to that end of
25 assessment period, basically. So we've captured all

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1 those assessments, if nothing else, of a historical sake,
2 and say, these are all of our assessments, and from here,
3 this is our overall global assessment.

4 JIM: Okay.

5 CHUCK CASTO: Does that make any sense?

6 JIM: Yes, the thing, though, that, I guess
7 (inaudible) this too, is, we should stay in our own lane.
8 You know, we're not NISA, so it shouldn't come off as if
9 we are assessing the Fukushima facility the way we would
10 have assessed Prairie, or Beaver Valley, or South Texas,
11 or something like that if it had some sort of a global
12 performance issue, you know?

13 CHUCK CASTO: Yes.

14 JIM: You've done those problem plant work
15 in your past. You know what I mean? But that's the kind
16 of thing we would have done as the regulator making an
17 assessment of the facility, to determine whether the
18 facility is ready to come off the, well, I won't say the
19 list, that's a throwback to the ancient days, but --

20 CHUCK CASTO: Yes, well, I lived those days
21 too. Well, I'll share with you that all the assessments
22 that are in there are assessments that have been done at
23 the request of NISA and have been provided to NISA. So
24 really, you know, 99.9 percent of the document has been
25 provided to them and was done at their request. All we

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1 did was mash them all together, then we have a six-page
2 summary of the document.

3 JIM: Yes, well, I hope NISA understands
4 that it will inevitably go public.

5 CHUCK CASTO: Yes, right. Well, we're
6 going to brief them on the insights, you know, the six
7 pages, and that's what this presentation does.

8 JIM: Yes, but I think they're not
9 conditioned to the U.S. mentality of releasing things.

10 CHUCK CASTO: Right.

11 JIM: So, you know, they get surprised when
12 things get either leaked, like the assessment that went
13 to the New York Times --

14 CHUCK CASTO: Right.

15 JIM: -- it'll get released as a result of
16 an inevitable FOIA that will come in.

17 CHUCK CASTO: Yes. Well, all these
18 documents are already there and they're already in the
19 FOIA bin. Yes, they're already in the FOIA capture bin.

20 JIM: Yes. All right.

21 CHUCK CASTO: So nothing new.

22 JIM: That'd be great.

23 CHUCK CASTO: But that's, obviously,
24 something we need to think about, particularly for the
25 front six pages. That's the one that matters most.

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1 JIM: Yes.

2 CHUCK CASTO: Because that's the new thing
3 that was generated.

4 JIM: When I get a chance to look at it when
5 I'm less punchy, I might send it. Maybe I'll print and
6 just take it back with me. When I wake up, I'll take a
7 look at it.

8 CHUCK CASTO: Well, I've had that issue
9 too.

10 JIM: You know, these documents, a lot is
11 how they strike you, you know?

12 CHUCK CASTO: Yes.

13 JIM: Because I'm sure there's nothing
14 inaccurate or wrong in it, it's a question of what does
15 it make you feel like after you read it. All right. But
16 I understand what you're up to, trying to put some
17 capstone assessment together that would say that, you
18 know, we've contributed what we needed to for our
19 response and things are in a situation where we can go
20 into another --

21 CHUCK CASTO: Phase, yes.

22 JIM: -- phase of this.

23 CHUCK CASTO: Yes. Basically, it's in
24 their hands. You know, we've done our best thinking and
25 here it is. Here's our best thinking and, you know, it's

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1 in your hands now.

2 JIM: I don't know if you heard this, it
3 probably happened while you were asleep, if you ever
4 sleep, Cindy Carpenter, my predecessor here --

5 CHUCK CASTO: Yes.

6 JIM: -- told me that, from talking to Marty
7 Virgilio, there's some possibility of a very long-term
8 assignment for some lucky individual to the embassy in
9 Tokyo.

10 CHUCK CASTO: I hadn't heard that.

11 JIM: You know how we have that attache in
12 Vienna?

13 CHUCK CASTO: Vienna, right.

14 JIM: Something along those lines. You
15 know, that attache assignment is like a three-year deal.
16 This would be PCS move for some lucky individual.

17 CHUCK CASTO: There you go, Jim.

18 JIM: Yes, don't look at me. I don't
19 understand how you fit in the country. You're a pretty
20 big guy.

21 CHUCK CASTO: How I've what?

22 JIM: How you fit in the country.

23 CHUCK CASTO: Oh, yes. Right.

24 JIM: Everything is so compact and there's

25 --

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1 CHUCK CASTO: Yes, that's right.

2 JIM: -- so many of them around there.

3 CHUCK CASTO: That's right. It's, you
4 know, some small spaces.

5 JIM: Yes. How's your hotel room? Is it
6 Western?

7 CHUCK CASTO: You know, it's very nice.
8 It's like a 1970s James Bond kind of thing, you know? It
9 reminds you of Goldfinger, or something, then they do a
10 lot of weddings there, but it's one of the nicest hotels
11 in this area of Tokyo.

12 JIM: Just so you know, you've got let in
13 on the great headquarter's secret, that if you're on good
14 terms with a particular individual in the OIP --

15 CHUCK CASTO: Yes.

16 JIM: -- he has contacts in the embassy.

17 CHUCK CASTO: Right.

18 JIM: And she will work for the embassy to
19 make you a hotel reservation when you do international
20 travel. Okay?

21 CHUCK CASTO: Yes.

22 JIM: And you end up, like, where you are.
23 When I've done some travel to Asia, I've ended up in
24 embassy-sponsored hotels, and you're right, they are
25 pretty comfortable.

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1 CHUCK CASTO: Yes.

2 JIM: I was in one, you know, like, a four
3 or five-star in Taipei. I was at a big one in Seoul. It
4 was nice.

5 CHUCK CASTO: Yes. The political class
6 travels a little differently.

7 JIM: Yes, it puts to shame those
8 \$16-a-night per diem joints in 1980, if you were around
9 then.

10 CHUCK CASTO: Yes, I was. Well, the only
11 problem is, like, a bowl of soup in that hotel is \$40.

12 JIM: Yes, there you go. There is an
13 opportunity to lose a lot of weight, you know?

14 CHUCK CASTO: Well, yes. That's right.

15 JIM: You don't get a chance to eat anyhow
16 and then you can't afford it once you do.

17 CHUCK CASTO: Yes, that's right. Well, it
18 should be in your box there.

19 JIM: Yes, I got it.

20 CHUCK CASTO: Send us back some thoughts on
21 it.

22 JIM: Okay. Well, there is a modest
23 attempt to put a rescue mission in place to get your butt
24 back here.

25 CHUCK CASTO: Yes.

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1 JIM: But it just occurred to me the other
2 day, how did you like bossing around your former boss?
3 (Inaudible) is, in fact, your deputy. How do you like
4 that stuff? You ought to come back and ask for some
5 (inaudible) recognition back here.

6 CHUCK CASTO: Yes. Great team. Work well
7 together.

8 JIM: Yes, just the opposite way from
9 before.

10 CHUCK CASTO: Yes, not really.

11 JIM: This is just a continuation of the
12 Chuck will never really get to Atlanta show.

13 CHUCK CASTO: Yes, that's right. Yes, I
14 never thought about that.

15 JIM: With the same job, you know, your
16 transfer, was big fake job.

17 CHUCK CASTO: Yes, it was a head fake.

18 JIM: Yes. So you don't want Dallas, here,
19 take Tokyo.

20 CHUCK CASTO: Yes, right. Big head fake.

21 JIM: All right. I got it. Let me
22 cogitate over it.

23 CHUCK CASTO: All right.

24 JIM: I'll check the tasker list to make
25 sure this is going to the right spot. You want this up

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1 to the EDO ET-types, is that what you were talking about?

2 CHUCK CASTO: Well, yes, but we need to get
3 that six-page assessment to them before we do that, you
4 know?

5 JIM: Okay. So connect this up with the
6 six-page assessment, then route it around at the senior
7 levels I guess.

8 CHUCK CASTO: Right.

9 JIM: All right.

10 CHUCK CASTO: But I thought I wanted to get
11 your, you know, thoughts on, at least, this part of it.
12 This part's done.

13 JIM: Yes, like I said, my relief will be
14 here in 15 minutes.

15 CHUCK CASTO: Yes, okay.

16 JIM: Like I said, I may just print this and
17 cogitate while I'm back in the man cave, when I do it later
18 in the day, and then get back to you.

19 CHUCK CASTO: All right, James.

20 JIM: All right, Chuck.

21 CHUCK CASTO: Thanks for your help.

22 JIM: Yes, have a good night.

23 CHUCK CASTO: All right. Take care.

24 JIM: You'll see it.

25 CHUCK CASTO: Yes, bye.

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1 JIM: Bye.

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3
4
5
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7
8
9 (CONFERENCE CALL INITIATED)

10 0 (9FOQ5613765094

11 MALE PARTICIPANT: Chuck Casto is coming up
12 on the bridge.

13 JIM DYER: Good morning, Chuck.

14 CHUCK CASTO: Hello.

15 JIM DYER: Chuck, you there?

16 CHUCK CASTO: Yes, hey, Jim.

17 JIM DYER: Good morning.

18 CHUCK CASTO: Good morning.

19 JIM DYER: Or morning/evening for you.

20 CHUCK CASTO: Yes. What time's our call?

21 JIM DYER: Okay. I thought we sent you an
22 email that it was supposed to start at 8:30. The
23 Chairman is going to join us about 8:45 to 9:00.

24 CHUCK CASTO: Okay. Yes, I hadn't seen
25 that, so as far as I knew, the last I heard, it was 8

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1 o'clock.

2 JIM DYER: Hey, while I got you here, I was
3 about ready to hit a reply button, I just review your
4 slide.

5 CHUCK CASTO: Okay.

6 JIM DYER: I don't know you -- so Wiggins
7 was the -- you know, had the last shift as ET director
8 --

9 CHUCK CASTO: Right.

10 JIM DYER: -- and were passed down to take
11 a look at them.

12 CHUCK CASTO: Right.

13 JIM DYER: And he gave you his comments
14 electronically.

15 CHUCK CASTO: Okay.

16 JIM DYER: I had a question, you know, I
17 having been off for awhile, and maybe it's a gap in my
18 knowledge, but you know this flooding up the containment
19 --

20 CHUCK CASTO: Yes.

21 JIM DYER: -- option that's discussed on,
22 I think, what, Slide 4, or something like that, Slide 5?

23 CHUCK CASTO: Right.

24 JIM DYER: Are we looking at the potential,
25 you know, 5059 unintended consequences of that, in that,

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1 it's going to increase the leak rate and whether it's
2 going to impact the structures?

3 CHUCK CASTO: Yes, we looked at the
4 structure. Flooding is okay from the structure point of
5 view. The only leak ring we didn't look at was, we didn't
6 consider their decision making on leakage of Unit 2
7 containment in the Unit 2 turbine building.

8 JIM DYER: Right.

9 CHAIR ARMIJO: We didn't make a passive
10 judgement on that.

11 JIM DYER: Yes, because that's what I
12 thought was the downside of this is, it's going to
13 increase the driving head and the leakage into the
14 turbine building, so the unintended consequence would
15 be, if you are pushing fission products, you're going to
16 push more of them into the turbine building.

17 CHUCK CASTO: Yes, that actually wasn't in
18 the assessment. That was sort of a, you know, policy
19 decision, or whatever you want to call it, that they would
20 have to make. We knew that, but I think our -- well, I
21 don't know. I think our position was, it would be
22 acceptable to do that even though it would cause that
23 problem.

24 JIM DYER: Yes, well, it provides you
25 better core protection.

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1 CHUCK CASTO: Right.

2 JIM DYER: But I was just trying to think
3 of, like, the 5059 aspects of it.

4 CHUCK CASTO: Right.

5 JIM DYER: That was the only comment I had
6 on it.

7 CHUCK CASTO: Okay. Good. I made Jim's,
8 or at least I marked up my copy of this to reflect Jim's
9 comments.

10 JIM DYER: Okay. I don't know if you want
11 to come back on in a half hour.

12 CHUCK CASTO: Yes. I'll come back on and
13 see. What time am I supposed to call in now; 8:45?

14 JIM DYER: 8:30 for you, because Marty was
15 going to come over here --

16 CHUCK CASTO: Okay.

17 JIM DYER: -- at 8:30 and wanted to talk to
18 you for about 10 or 15 minutes before the Chairman joined
19 us.

20 CHUCK CASTO: Good. I need to talk with
21 him too, so I'll call in at 8:30.

22 JIM DYER: Sounds good.

23 CHUCK CASTO: All right. Thanks, Jim.

24 JIM DYER: Thanks.

25 CHUCK CASTO: Talk to you later.

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1 JIM DYER: Bye-bye.

2
3
4
5
6
7
8 (CONFERENCE CALL INITIATED)

9 0(9H!^IL13765094

10 JIM DYER: Morning, Chuck.

11 CHUCK CASTO: Good morning.

12 JIM DYER: We got Marty here.

13 CHUCK CASTO: Hey, Jim and Marty.

14 JIM DYER: We'll have the Chairman in about
15 15 or 20 minutes.

16 CHUCK CASTO: Okay. Whatever you'd like
17 to do.

18 JIM DYER: Okay. Well, we already talked
19 about giving you comments on your slides.

20 CHUCK CASTO: Right.

21 JIM DYER: And you've got one round.
22 Marty's got them in front of him. I don't know if he had
23 any --

24 MARTY VIRGILIO: Chuck, I just printed
25 them, so I'll take a look at them and if I have comments

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1 I'll send them to you.

2 CHUCK CASTO: Okay.

3 MARTY VIRGILIO: Jim, what was your thought
4 on getting comments from --

5 JIM DYER: Wiggins has already provided his
6 comments.

7 MARTY VIRGILIO: Okay.

8 JIM DYER: I took a look at it and had a
9 question, and Chuck explained it, and so I'm fine with
10 it.

11 MARTY VIRGILIO: Okay.

12 JIM DYER: So it's --

13 CHUCK CASTO: And, Marty, maybe I can give
14 you a little bit of background on the slides and the
15 purpose, or do you have another subject you'd like to talk
16 about?

17 MARTY VIRGILIO: No, please go ahead.

18 CHUCK CASTO: As you know, as it turned out,
19 I think the goal of this total assessment thing is, it's
20 really a defining point where we're almost done with all
21 the safety assessments that we've been asked to produce.
22 There's really not much left on the table. So this, sort
23 of, archive, it's our, I don't know, safety analysis
24 report. It basically archives what we have and puts it
25 all in one place, and helps with configuration

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1 management, those things have talked about it, it has all
2 of our assessments in it.

3 Everyone's working on a six-page, it's
4 about a five or six-page, executive summary, and these
5 slides are the main bullets out of the executive summary.
6 The Japanese had asked for insights from the -- or we had
7 suggested that we would provide them insights from the
8 assessment. So they wanted a small group of senior
9 Japanese officials to be briefed on the assessments.
10 And this is what we would actually brief them from, these
11 slides, on the content of the assessment.

12 The assessment, the individual, as you
13 know, all the individual assessments have already been
14 provided to them. There's literally hundreds of pages
15 of assessments. They're in an appendices and then it's
16 about a six-page executive summary, like I said, we
17 should have to you tomorrow.

18 And then, you know, I think you all have --
19 somebody back there has already had a cut on that; on the
20 assessment. And then we probably have to socialize it
21 around the embassy to other federal agencies and get them
22 to review it, but I don't really think they're going to
23 have much comment, if anything, they would just add some
24 of their own assessments that they would like to put in
25 there; for instance, naval reactors and DOE.

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1 Then we have to talk about whether that's
2 appropriate or not, or is this just an NRC document, or
3 whatever? So I think we're, sort of, in the final stages
4 of wrapping that up, but it's important, I think, to get
5 the insights to the Japanese officials as quickly as
6 possible, even though we don't have all the actual report
7 buttoned down yet.

8 The reason I think that's important, and
9 I'll probably have to explain, at least the shorthand
10 version of this, to the Chairman, but, you know, I think
11 that's important is because of our interest in getting
12 more robust and diverse feed source to the reactors. And
13 last night, we had already been worried about, you know,
14 this for quite some time, a concern, but last night was
15 pretty poignant when they lost offsite power, that they
16 went 50 minutes without injection to any reactor.

17 And we know that the MELCOR runs show about
18 a ten-hour time frame after injection ceases that you
19 could end up with a corium reaction in the bottom of
20 containment on Unit 1. So we were a bit troubled last
21 night when they had the 50-minute loss of power and
22 relying upon their backup, which are fire trucks. They
23 had evacuated the sites, left a small contingent of
24 people back to hook up the fire trucks.

25 They didn't get that accomplished before

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1 offsite power came back 50 minutes later. So, you know,
2 it just, I think, highlighted the fact that there has to
3 be a more robust feed source with redundancy and
4 diversity than, you know, a crew of people held back
5 during the earthquakes, because a more severe earthquake,
6 or if something damages the three fire trucks they have
7 there.

8 So we would like to get this information to
9 them, the insights from the assessment to them, without
10 worrying about all the buttoning up of the official
11 document.

12 MARTY VIRGILIO: Okay. Now, Chuck, when
13 we talk about the global assessment, have you seen what
14 we've put together entitled, Major Document Status?

15 CHUCK CASTO: I have not seen that.

16 MARTY VIRGILIO: It's a matrix that shows
17 all the different documents we're working on.

18 CHUCK CASTO: I remember you talking to me
19 about the matrix, but I never laid my eyes on it.

20 MARTY VIRGILIO: Why I'm referring to it
21 is, I'm just trying to make sure I'm on the same page with
22 you with regard to, what are your attachments? What are
23 you compiling (inaudible) five or six pages?

24 CHUCK CASTO: Right.

25 MARTY VIRGILIO: And we need to ship that

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1 to you so you can see all of the things that we're working
2 on in terms of documents.

3 CHUCK CASTO: Yes.

4 MARTY VIRGILIO: And so we can get an
5 agreement, because it'll bear on your conclusions.

6 CHUCK CASTO: Right. Well, you know, our
7 major conclusions are that, obviously, you know, we have
8 the position on flooding, but on feed and bleed, if they
9 continue down that route, they have really, somewhat,
10 stopped short of all the actions that they need to take
11 to have a robust feed process; a feed-and-bleed process.

12 There are certain actions, for instance, an
13 alternate feed location and an alternate vent that are
14 very important. If that safety relieve valve on Unit 1
15 that's partially open, if it seats, then the head of those
16 pumps, those feed pumps, is not sufficient to pump water
17 in.

18 MARTY VIRGILIO: Right. And so I think
19 what you're quoting from is what we call the reactor
20 safety assessment revision 1 dated, I think, March 31st,
21 and the simplified plant condition stability
22 determination, which is the work in progress.

23 CHUCK CASTO: Yes, and I think we have all
24 that, Marty. I think Mike Hay has harmonized that with
25 your guys back there. I believe we're all on the same

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1 page. I just don't know that we are. You know, I
2 haven't laid my eyes on it, but I believe that Mike and
3 them have coordinated on that, but I'll check first thing
4 in the morning and try to get you our table of appendices
5 and make sure that we're harmonized on the appendices and
6 the right version of the documents.

7 MARTY VIRGILIO: Okay. And to help
8 facilitate that, why don't we make sure we send you our
9 table?

10 CHUCK CASTO: Absolutely. Yes. I guess
11 our concern is that there may be senior officials that
12 are not aware of all the challenges and issues that we
13 see down on the deck plate level, if that makes any sense.

14 MARTY VIRGILIO: Oh, yes. I understand
15 why you're developing this presentation; who your
16 audience is. I'm just trying to make sure that your
17 conclusions and your statements are supported by the
18 appropriate documents.

19 CHUCK CASTO: Right. I believe they are.
20 I think the reactor safety team rev 2, we have
21 incorporated in there, and I have a copy of it right here
22 with me.

23 MARTY VIRGILIO: Right.

24 CHUCK CASTO: And that's the collage of
25 documents that you all put together and made rev 2, so

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1 I think we have that.

2 MARTY VIRGILIO: Yes, as a matter of fact,
3 if we can finish this composite analysis, your
4 conclusions could go even further, speaking to --

5 CHUCK CASTO: Okay. That's --

6 MARTY VIRGILIO: -- at what point in time
7 we believe people could re-enter the 50-mile radius.

8 CHUCK CASTO: Oh, that'd be great. Yes,
9 okay. So you've made the decision on what level of
10 stability you would re-look at that.

11 MARTY VIRGILIO: Well, I don't know that
12 we've made that decision yet. Jim and I were talking
13 about that this morning.

14 JIM DYER: I think we have to.

15 MARTY VIRGILIO: We have to.

16 CHUCK CASTO: Right, at what stability
17 level would we say that that's okay?

18 MARTY VIRGILIO: Right, both for
19 grab-and-go and also for a re-entry into the area for
20 re-occupancy.

21 CHUCK CASTO: Right. Yes, I appreciate
22 that very much and I also think that, you know, the
23 Japanese have already made the decision on the
24 grab-and-go, and they announced that yesterday, Edano
25 (phonetic) announced that yesterday on the grab-and-go.

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1 And then they also announced there are zones beyond the
2 20 kilometers that they were going to further evacuate.

3 Then they announced two more areas where
4 they consider it sheltering and then a potential
5 evacuation zone. So they've you know, already made all
6 those decisions. As far as Americans go, inside the
7 50-mile line, I heard today that the consular said that
8 the last number that they had was that there were seven
9 Americans living inside the 50-mile zone, and they're
10 trying to verify if those seven Americans are still
11 there.

12 So the real impact is, you know, it's good
13 to have it and I think they want to have it, obviously,
14 but the real impact is, you know, the Japanese have
15 already made their decision.

16 MARTY VIRGILIO: Okay. Here's another
17 opportunity for us to have a different view.

18 CHUCK CASTO: Yes.

19 MARTY VIRGILIO: There's seven Americans
20 that are living inside the 50, do we have a headcount on
21 the number that was evacuate?

22 CHUCK CASTO: No. I'm not sure that there
23 were that many more that evacuated. Well, there had to
24 have been. Yes, I really don't know the numbers. I can
25 find out how many evacuated, if anymore than the seven.

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1 Now, there are lots of Americans who transit the area to
2 go to Sendai and parts north, and lots of military people
3 who transit the area, but they don't live there.

4 MARTY VIRGILIO: Okay.

5 CHUCK CASTO: So we can incorporate that
6 assessment pretty easily. I think, you know, we want to
7 try to get the technical insights to them, you know, as
8 quickly as we can.

9 MARTY VIRGILIO: Okay.

10 JIM DYER: Hey, Chuck?

11 CHUCK CASTO: Yes, sir.

12 JIM DYER: We heard in one of the news
13 roundups that one of the soundbites was that the Japanese
14 Government ordered the owners, the operating TEPCO, to
15 order more emergency diesel after the 7.1 earthquake, I
16 get my days mixed up, day before yesterday?

17 CHUCK CASTO: Yes.

18 JIM DYER: Did that come out of the cabinet
19 meeting?

20 CHUCK CASTO: No, there wasn't any real
21 talk about that. They ordered it for the other nuclear
22 plants and there was no real -- it's part of their look
23 at the safety of the remaining fleet.

24 JIM DYER: Oh, okay. Okay. I brought it
25 up because I was wondering if it was also with the

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1 Fukushima, when their loss of offsite power caused the
2 loss of injection, whether they wanted them to get more
3 diesel.

4 CHUCK CASTO: Well, yes, obviously that's
5 what we're pushing for and, you know, that's what this
6 presentation's intended to do is try to encourage them
7 to get, you know, the pumps, they have some low-head pumps
8 in there now, they're temporary, and they have fire
9 hoses. There's no hard-pipe system. We'd like to see
10 a hard-pipe system with alternate feed locations,
11 diversity in pumping, and diversity in power supplies.

12 So the intent is to talk to a very few senior
13 Japanese officials and convey that message through this
14 global assessment and these slides.

15 JIM DYER: Hey, another thing, Chuck, you
16 said Edano announced the grab-and-go and the planned
17 evacuation sites, is that in addition to the ones that
18 we were hearing about yesterday?

19 CHUCK CASTO: That's the same areas.

20 JIM DYER: Same areas?

21 CHUCK CASTO: That was all one big
22 announcement.

23 JIM DYER: Yes, it looked like a keyhole to
24 the northwest.

25 CHUCK CASTO: That's correct. Yes, how we

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1 normally do, like, an entire sector?

2 JIM DYER: Right.

3 CHUCK CASTO: They parsed the sector.
4 They didn't do the entire sector. They did a couple real
5 towns they evacuated, and then the rest of the sector they
6 said, okay, this part, you may have to shelter if there's
7 another event and the other part over here, you may have
8 to do an evacuation.

9 JIM DYER: Okay.

10 CHUCK CASTO: To a certain zone.

11 CINDY CARPENTER: From what I understand,
12 the evacuation is within the next month, it's not
13 immediate, correct?

14 CHUCK CASTO: Yes, I really don't know the
15 timeline they gave them for their grab-and-go thing.
16 You know, they gave them a certain amount of time to get
17 personal effects and leave. I really don't know.

18 JIM DYER: What we heard on NHK T.V. over
19 here, when Edano, the translator came in, said that the
20 areas that they identified for evacuation where it wasn't
21 safe for long-term occupancy, and so within the next 30
22 days they should pack up their belongings and go.

23 CHUCK CASTO: Right. (b)(5)

24 (b)(5)

25
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1 (b)(5)

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7 (b)(5)

8 JIM DYER: Okay. Hey, Chuck, while we're
9 waiting for the Chairman, did you get a copy of the
10 Toshiba/Shaw presentation on recovery?

11 CHUCK CASTO: I have, like, ten copies of
12 that. I sat through that briefing.

13 JIM DYER: Okay.

14 CHUCK CASTO: And we had a hard time getting
15 the presentation to you all and I think somebody just made
16 the decision to FedEx it.

17 JIM DYER: Yes. We got a copy and that, but
18 I thought we were going to make sure you had a copy too.

19 CHUCK CASTO: No, I'm the one who sent it
20 there. When I went through this presentation I grabbed
21 a bunch of copies of it --

22 JIM DYER: Good.

23 CHUCK CASTO: -- and we FedEx'd it out to
24 you.

25 MARTY VIRGILIO: Okay. Chuck, do you know

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1 what the status of the ambassador's recommendation and
2 announcement is on authorized departure for embassy
3 Tokyo, Yokohama consulate staff?

4 CHUCK CASTO: Well, I think there's a
5 principles meeting, when is it, in the next day or two,
6 you know, and they were trying to tee-up that, you
7 remember that one-pager, I think you got a copy of it,
8 that one-pager that the ambassador sent to the Department
9 of State explaining his rationale for allowing it to
10 expire. And then, you know, it's in the principles'
11 hands, basically, and the way I understand it, I'm not
12 sure I understand all of it, if they don't approve it,
13 therefore it would expire, then it has to run another 30
14 days or something like that.

15 JIM DYER: Now, but the ambassador has
16 already sent that to the State Department?

17 CHUCK CASTO: Yes, I think he sent it our
18 Sunday night, which would have been Sunday morning for
19 you, or whatever it works out to be; Sunday night,
20 Saturday night, yes.

21 JIM DYER: What I have is a five-page
22 document.

23 CHUCK CASTO: Yes, that was passed around
24 today and that document, I think we finally confirmed
25 through events and other people, that that document was

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1 an old document that was never sent.

2 JIM DYER: Okay.

3 CHUCK CASTO: The one-pager was what was
4 sent in an email from the, I'm told, ambassador to Mr.
5 Kennedy, and others, in the State Department.

6 JIM DYER: Can we get a copy of that
7 one-pager?

8 CHUCK CASTO: You have it there somewhere.
9 The Chairman read it and I thought we provided a copy for
10 you as well, Marty.

11 MARTY VIRGILIO: Now, we've got the
12 five-page document, but we've never received the
13 one-page document.

14 CHUCK CASTO: Who was it, it was either
15 Cindy or, I don't who was the ET director --

16 JIM DYER: Probably Jennifer Ewell.

17 CHUCK CASTO: It might have been Jennifer,
18 one of those, this weekend, I think, made sure that --
19 or told me, if they had any comments, I sent it in, the
20 one-pager, and they said if the Chairman, or you, I guess,
21 or the Chairman had any comments that they would call me
22 back. They never called me back and the way we left it
23 was, if I don't hear anything, then he concurs on it, and
24 they give consent.

25 So it was sent in there, I know, over the

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1 weekend. I can send it again.

2 CINDY CARPENTER: I feel like we saw a draft
3 at least a week ago --

4 JIM DYER: A draft, but not the final.

5 CINDY CARPENTER: -- and it was maybe a page
6 and a half.

7 CHUCK CASTO: Yes, it was, like, one page
8 or maybe a page and a paragraph; something like that.

9 JIM DYER: Yes, I'd appreciate seeing it if
10 there's going to be a principles meeting on it. In the
11 next day or two I'd really like to have what they're --

12 CHUCK CASTO: Yes, I'll send it, Marty.

13 CINDY CARPENTER: I can call and
14 (inaudible) call me later.

15 MARTY VIRGILIO: All right. Hey, Chuck,
16 let us work it from this end because it may have been
17 modified by headquarters Department of State, if there
18 is a document and there is going to be a principles
19 meeting, we need to have that document and the schedule
20 for the principles meeting.

21 CHUCK CASTO: Well, I'm certain it was sent
22 in there, the one-pager or one-page and a paragraph, I'm
23 certain it was sent in there this weekend, but I'll send
24 it in again. Hopefully I can find it, but I'll send it
25 again.

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1 MARTY VIRGILIO: Yes, I wouldn't want to
2 take that one to the bank. If there's a deputy's
3 meeting, I would want to confirm with (b)(6) that we've
4 got the right version.

5 CHUCK CASTO: Okay. And as far as I know,
6 there were, like, two or three people in the State
7 Department that the ambassador was going to send it to
8 in an email. So I don't know, you know, how widely
9 distributed that document was.

10 MARTY VIRGILIO: All right. Well,
11 Catherine Brock is going to follow up with (b)(6)
12 (phonetic).

13 CHUCK CASTO: Okay.

14 MARTY VIRGILIO: Find out if there is, in
15 fact, a principles meeting and get the document; either
16 way.

17 CHUCK CASTO: Okay.

18 MARTY VIRGILIO: Because, you know, we've
19 got naval reactors who is -- there's a nexus between this
20 document and this principles meeting, and concerns that
21 have been raised by naval reactors.

22 CHUCK CASTO: Yes, and they finally
23 concurred on the document, and Admiral Donald bought off
24 on it.

25 MARTY VIRGILIO: Well, they were still

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1 pinging on us as of 8 o'clock last night, you know, with
2 significant differences in views. So I don't know what
3 that's about; from Steve Trautman and some of the in Naval
4 Reactors.

5 CHUCK CASTO: All I know is Will, I can't
6 think of his last name, this morning at our 9:30 meeting
7 with the ambassadors, and Admiral Donald bought off on
8 it.

9 JIM DYER: That's great news.

10 CHUCK CASTO: So, you know, he agreed with
11 it and they're waiting -- you know, USFDA and all them,
12 PACCOM, all of them are waiting on the embassy to make
13 their decision, then they'll follow with the dependents.

14 MARTY VIRGILIO: Well, we need to couple
15 them with the headquarters folks here because I'm hearing
16 everything but that from Naval Reactors. So that's --

17 CHUCK CASTO: Will, I can't think of Will's
18 last name right now, but he said Admiral Donald signed
19 off on it.

20 MARTY VIRGILIO: Great. Great. That
21 saves us several meetings and more discussions here.

22 JIM DYER: And that's the Tokyo re-entry.

23 MARTY VIRGILIO: Right.

24 CHUCK CASTO: Yes.

25 MARTY VIRGILIO: Not the composite inside

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1 50-mile EPZ.

2 CHUCK CASTO: No, nobody's talking about
3 inside the 50.

4 MARTY VIRGILIO: Okay.

5 CHUCK CASTO: Yes, it's just Tokyo, and
6 Yokosuka, and Yokota, you know, all the military
7 dependents.

8 MARTY VIRGILIO: Right.

9 CHUCK CASTO: And military dependents in
10 Tokyo.

11 MARTY VIRGILIO: Now, just so you're aware,
12 we're told that there is an IPC meeting this afternoon
13 and one of the agenda items is, in fact, going to be return
14 inside the 50-mile limit for the evacuation zone.

15 CHUCK CASTO: Yes, I heard there was an IPC
16 meeting, but I don't remember all the details about what
17 they would be discussing.

18 MARTY VIRGILIO: So that's supposedly on
19 the agenda and our strategy is, basically, to say it's
20 still a work in progress.

21 CHUCK CASTO: Right.

22 MARTY VIRGILIO: But basically, to explain
23 to them what it's going to cover.

24 CHUCK CASTO: Yes, I wouldn't think that we
25 would go there. Well, first of all, you know, it's

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1 almost kind of moot, because there's really nobody there,
2 but second of all, without being at phase 1, or whatever
3 it is, phase 2 stability, I don't know how you would do
4 that.

5 MARTY VIRGILIO: Well, that's the point we
6 were talking about earlier today.

7 CHUCK CASTO: Yes.

8 MARTY VIRGILIO: I think it needs to be at
9 phase 1 stability, you need to have the infrastructure
10 there to support bringing people back in and bringing
11 them back out if there's a mistake, and you need to know
12 what the ground deposition is, and be comfortable about
13 the doses that people would receive.

14 CHUCK CASTO: And we're trying to find out
15 the information on the infrastructure from USFDA, but
16 what I'm told is there's, like, a ten-mile stretch of
17 road, but other than that, and then it's route alerting.
18 That's what I'm told so far.

19 MARTY VIRGILIO: Okay. And I know when I
20 left last night, Stacey Rosenberg was connecting with
21 FEMA to try to make sure that we understood, you know,
22 if something like that happened in this country, what
23 would we be looking for?

24 CINDY CARPENTER: Yes, and I think we were
25 just reviewing NUREG-0654.

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1 MARTY VIRGILIO: Okay.

2 CINDY CARPENTER: That's FEMA.

3 MARTY VIRGILIO: Is that FEMA?

4 CINDY CARPENTER: Yes.

5 MARTY VIRGILIO: Okay.

6 CINDY CARPENTER: We have that in the
7 latest draft of the composite paper.

8 CHUCK CASTO: From the embassy
9 perspective, there's really no sense of urgency or
10 concern about the less than 50. They're not engaged in
11 that too much at all. I mean, that's not something that
12 they're overtly concerned about.

13 MARTY VIRGILIO: Good. I think it's
14 probably more symbolic at this point.

15 CINDY CARPENTER: Well, you know, I was on
16 the phone with the U.K., and Canada, and France yesterday
17 and they were asking what we're doing as far as the 50,
18 and they've got the same approach we do, that they're just
19 kind of reviewing it in the same way we are. They're not
20 ready to make any kind of declaration about (inaudible)
21 the 50. So we're consistent with the international
22 community in that respect.

23 MARTY VIRGILIO: Good. And we almost need
24 a roadmap on how to get this thing finished. You know,
25 how to make some decisions. You know, first of all, I

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1 think it needs to be a decision document integrated in,
2 and then the second thing we need to do is, how many
3 stakeholders do we have if we're going to be a coordinated
4 international community, with Navy, and everybody else
5 like that.

6 CINDY CARPENTER: I'm hoping that Trish may
7 stop in today. I sent her an email this morning about
8 things like that. You know, what conversations is she
9 having outside the NRC, so far, with the interagency and
10 what might this become, because if we put it together,
11 it could become something else.

12 MARTY VIRGILIO: Well, I was told that she
13 was going to review it on day shift today. Is that your
14 understanding?

15 CINDY CARPENTER: Yes.

16 MARTY VIRGILIO: Okay. And then when
17 she's done, I don't have a problem of her going out to
18 the stakeholders, including me, in parallel.

19 CINDY CARPENTER: Okay.

20 MARTY VIRGILIO: I mean, as long as you here
21 in the ops center are comfortable with that going out to
22 review.

23 CINDY CARPENTER: Okay.

24 MARTY VIRGILIO: If she wants me to look at
25 it first, that's fine. I can do that too; either way.

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1 CINDY CARPENTER: All right.

2 MARTY VIRGILIO: But I'll be fine with you
3 just sending it out.

4 CINDY CARPENTER: Okay. We finally got
5 enough of it done that we could do that?

6 MARTY VIRGILIO: Yes.

7 CINDY CARPENTER: Okay.

8 MARTY VIRGILIO: And I'd just be in
9 parallel.

10 (CROSSTALK)

11 MARTY VIRGILIO: I mean, why else are we
12 going through this? And then, like I said, there's
13 short-term re-entry (inaudible) and then there's
14 permanent re-entry. And it needs to be in that document.

15 JIM DYER: I agree. Not to say that we're
16 there.

17 MARTY VIRGILIO: Right, but to say that,
18 this is what happens when we get there.

19 JIM DYER: I think if we say that, the phase
20 1 stability is required for the time period of entry, then
21 you can decide whether or not phase 1 ought to be
22 redefined, because, you know, right now, like I say, it's
23 like a thought paper. Here's one level of stability,
24 here's another level of stability, but it isn't tied to
25 any kind of a decision (inaudible).

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1 MARTY VIRGILIO: Right. Phase 1
2 stability, a projection that the event, if it were to
3 reoccur, would be slow-moving enough that you could get
4 people out. A decision that you would need a certain
5 amount of infrastructure in terms of notification,
6 evacuation routes, and transportation. And these are
7 all things that, you know, you can make decisions. This
8 is what you have to have in order to support re-entry.

9 While we're waiting, Cathy, have you talked
10 the 50 on the low-level waste?

11 CATHY HANEY: I wanted to talk to you about
12 that. We did go through the EDO's office to assign it
13 specifically, and (b)(6) has followed up with a
14 couple of different emails.

15 MARTY VIRGILIO: Okay.

16 CATHY HANEY: And I talked with my EDO
17 contact today, he's going to go in and talk with Mike
18 Weber because Mike has directed the staff to go through
19 HEC and OIC, but my concern is that, (b)(5)

20 (b)(5)

21
22 (b)(5)

23 So what I conveyed to Alan to talk to Mike
24 about was that, we need to have our short answer in
25 emergency response mode followed by the longer answer

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1 with OTC (inaudible).

2 MARTY VIRGILIO: Absolutely.

3 CATHY HANEY: Because we're --

4 MARTY VIRGILIO: (Inaudible), he'll offer
5 it to the EPA and --

6 CATHY HANEY: Yes, and so that's why I
7 called (b)(6) today and sent her an email that said, maybe
8 it would be great if we could just find out what exactly
9 we need and what the bigger question was.

10 MARTY VIRGILIO: Okay.

11 MALE PARTICIPANT: Chairman Jaczko is
12 coming up on the bridge.

13 JIM DYER: Okay.

14 MALE PARTICIPANT: Chairman, you're on the
15 bridge.

16 FEMALE PARTICIPANT: I'll put the Chairman
17 on the line. Thank you.

18 GREGORY JACZKO: Hello?

19 JIM DYER: Good morning, Chairman.

20 GREGORY JACZKO: How were you?

21 JIM DYER: Pretty good. You got Jim Dyer
22 as the ET director, Marty's in the room with the rest of
23 our team.

24 GREGORY JACZKO: Great.

25 JIM DYER: And then we've also got Chuck on

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1 the line. And just before I open it up, just to catch
2 you up on a few issues, they had another earthquake in
3 Japan --

4 GREGORY JACZKO: Okay.

5 JIM DYER: -- yesterday. It's a 6.4. It
6 caused a small fire at the site. No real issues came out
7 about that.

8 GREGORY JACZKO: Okay.

9 JIM DYER: The other thing that is probably
10 most important is, we got notified that there is an IPC
11 meeting this afternoon at 4:30.

12 GREGORY JACZKO: Okay.

13 JIM DYER: And we had gotten a call
14 yesterday on day shift about whether we wanted to talk
15 about the long-term re-entry criteria?

16 GREGORY JACZKO: Yes.

17 JIM DYER: And we said, no, we thought it
18 was premature to do that, but it showed up on the agenda
19 anyhow.

20 GREGORY JACZKO: Yes, I think it's good to
21 talk about that.

22 JIM DYER: Okay.

23 GREGORY JACZKO: I fully agree with that.
24 I think we want to get those -- I mean, obviously we're
25 not ready to do re-entry yet, but I think we want to have

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1 the criteria established as early as possible. So if the
2 discussion -- I'm very comfortable with that kind of a
3 discussion. You know, let's get this finalized so we
4 know where it is we're heading, and then I think that will
5 help us, kind of, better get there.

6 JIM DYER: Okay.

7 GREGORY JACZKO: And that also involves
8 this stability, you know, Marty, the 1 and 2 level
9 stability documents.

10 MARTY VIRGILIO: Yes. The couple parts to
11 it, you need your stability, you need to have the
12 infrastructure, and you need to know what the ground
13 deposition is. We're ready for that phone call.

14 GREGORY JACZKO: Good. Excellent. I
15 think it's good. I'd like to get this issue behind us
16 because I think this is an issue that the ambassador is
17 just looking for some, and Chuck, maybe you can correct
18 me if I'm wrong here, but I think it's something that the
19 ambassador appears to want to get resolved so that he
20 knows how to respond to people who are coming to him and
21 asking him, can I come back? Can I go back? What am I
22 supposed to do? These kinds of things.

23 MARTY VIRGILIO: Well, Chairman, this is
24 Marty, there's two parts to that. I think the most
25 immediate issue for the ambassador is re-entry into

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1 Tokyo.

2 GREGORY JACZKO: Yes.

3 MARTY VIRGILIO: And I think, that's
4 something we heard today, that (b)(5)

5 (b)(5)
6
7

8 GREGORY JACZKO: Okay.

9 MARTY VIRGILIO: So there's a couple of
10 different conversations. The conversation at the IPC,
11 I think it's geared more towards the 50 miles.

12 GREGORY JACZKO: Okay. Good.

13 MARTY VIRGILIO: But we're trying to make
14 sure that we're prepared for both.

15 GREGORY JACZKO: Okay. Good. Yes, and in
16 my mind, I don't really distinguish those, while they're
17 different, in my mind, the way I look at it is, they're
18 different phases of the same general program, and I think
19 we're better off having a holistic look at, here are all
20 the kinds of conditions and here's what, you know, we see
21 going forward, and the kinds of things we'll be looking
22 at, so good.

23 MARTY VIRGILIO: All right. We'll try to
24 confirm that there is a principles meeting, when it is,
25 and what the topics are.

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1 GREGORY JACZKO: Okay. Great.

2 JIM DYER: Okay. And then the other thing
3 that Chuck can talk to, he forwarded some slides that
4 we've been commenting on that are sort of a summary of
5 the overall global assessment of our activities and the
6 status in preparation for a Secretary Clinton visit.

7 GREGORY JACZKO: Great.

8 JIM DYER: But that's pretty much it on this
9 end.

10 GREGORY JACZKO: Okay.

11 JIM DYER: Chuck, I don't know if you've got
12 anything.

13 CHUCK CASTO: I'll just go over a few things
14 and just let me know if it's too much detail. As Jim
15 said, today's earthquake, no real impact. The
16 earthquake, the 7.1, two nights ago, and I don't know that
17 we've talked, Chairman, since that happened, the
18 50-minute loss of offsite power that happened with a loss
19 of injection. That event has illustrated the need to get
20 a more diverse feed supply to the units.

21 GREGORY JACZKO: Yes.

22 CHUCK CASTO: And one of the impetuses for
23 this global assessment, and the insights, the
24 presentation that I sent in, was to make sure that senior
25 members of the Japanese Government understand some of the

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1 concerns, and some of the timelines, and some of the
2 actions that would be necessary under feed-and-bleed
3 have not been fully implemented. And we want to get that
4 information to senior leaders in the government to let
5 them know that there's more to do if you're going to
6 continue the feed-and-bleed route.

7 GREGORY JACZKO: Okay. Good.

8 CHUCK CASTO: There's more to do.

9 GREGORY JACZKO: And, Chuck, can you just
10 maybe give me a little bit more detail, when they lost
11 the offsite power for the 50 minutes, so they then lost
12 whatever pumps that they're using, so I guess what I take
13 from that is that they're tied in to offsite power to
14 power whatever portable equipment they have?

15 CHUCK CASTO: Yes, sir.

16 GREGORY JACZKO: Okay.

17 CHUCK CASTO: That's correct.

18 GREGORY JACZKO: Okay.

19 CHUCK CASTO: They have offsite power, they
20 have some portable pumps, and basically they're using
21 fire hoses into the plant, and a tank, and some pumps.

22 GREGORY JACZKO: Okay.

23 CHUCK CASTO: So when they lose offsite
24 power, they have to fall back on the three fire trucks
25 that they have there.

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1 GREGORY JACZKO: Okay.

2 CHUCK CASTO: They evacuated the sites and
3 they left a contingent of people back to connect up the
4 fire trucks.

5 GREGORY JACZKO: Okay.

6 CHUCK CASTO: And there was 50 minutes and
7 the offsite power was restored, so the pumps were
8 restarted before they could get the fire pumps connected.

9 GREGORY JACZKO: Okay.

10 CHUCK CASTO: And as everybody knows, the
11 MELCOR runs are showing about ten hours of, you know,
12 without feed, you'll have a significant event somewhere
13 around ten hours.

14 GREGORY JACZKO: Okay.

15 CHUCK CASTO: So we're a little bit
16 concerned, a lot concerned actually, that, you know, 50
17 minutes seems, to them, to be acceptable, 50 minutes or
18 more, and we just feel uncomfortable that any time
19 without feed, and we think you need diversity in power
20 supplies and pumps so that you don't experience any loss
21 of feed.

22 GREGORY JACZKO: Yes. Okay. Good.

23 CHUCK CASTO: And you don't need people to
24 go hook up fire trucks.

25 GREGORY JACZKO: Yes. Right.

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1 CHUCK CASTO: So that's the reason for the
2 presentation and the concern to get that to senior
3 Japanese leadership.

4 GREGORY JACZKO: Okay. Good.

5 CHUCK CASTO: Because we're afraid that
6 information is not getting connected up to that level.

7 GREGORY JACZKO: Yes. Okay.

8 CHUCK CASTO: Also, just to share with you,
9 we are working on more penetration in the JNES, and AEC,
10 and others, that support NISA, (inaudible) our NISA
11 meeting, basically, into the steering committee meeting,
12 that directs us deeper into engineer-to-engineer
13 discussions.

14 GREGORY JACZKO: Good.

15 CHUCK CASTO: And they're happy. NISA's
16 pleased with that. They think that's a good idea.
17 Yesterday we briefed, another subject, Admiral Walsh, or
18 I briefed Admiral Walsh and General Fields, they asked
19 us to better understand the planning assumptions that the
20 Japanese are using for the self-defense forces, better
21 understand those planning assumptions. So we're
22 working to try to understand.

23 NISA feeds the SDF the planning
24 assumptions, so we engaged in conversation today with
25 NISA to better understand their planning assumptions.

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1 GREGORY JACZKO: Okay.

2 CHUCK CASTO: And on another issue related
3 to loss of offsite power, we're building a notification
4 process, it's probably a tighter notification process,
5 when events occur at the site that we will be notified,
6 basically, MOFA will notify the embassy, and we're trying
7 to work out what are the timelines and what types of
8 events that we want to be notified of?

9 GREGORY JACZKO: Okay. So, like, when
10 there's earthquakes right now, you're not necessarily
11 getting notified. You're just picking that up on the
12 local media, basically?

13 CHUCK CASTO: It could be open source, but
14 since the 7.1, what was that, Monday night, you know, we
15 had cabinet meeting and, you know, we said, hey, we really
16 want to be notified, and so they've been doing it --

17 GREGORY JACZKO: Okay.

18 CHUCK CASTO: -- but we need to formalize
19 it. You know, the last two days they've been doing the
20 notifications, but we need to formalize it and, you know,
21 what do we want to be notified on besides just earthquake
22 issues, and what timeline, and who exactly to notify.

23 GREGORY JACZKO: Okay. Good.

24 CHUCK CASTO: So we're working on that. A
25 couple housekeeping items. Mr. Hosano, who's the

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1 representative of the Prime Minister, he was promoted
2 today. They made him a Minister of, I think it's,
3 Nuclear Decommissioning, or Clean-Up, something like
4 that --

5 GREGORY JACZKO: Okay.

6 CHUCK CASTO: -- Minister of something, so
7 he's now in the cabinet.

8 GREGORY JACZKO: Oh, good.

9 CHUCK CASTO: And in the embassy, there was
10 a change, the Deputy Chief of Mission, Jim Zumwalt, has
11 been sort of running this crisis response team, they call
12 it, in the embassy. Now, Suzanne Basilus (phonetic) has
13 been appointed as the crisis response team leader.

14 GREGORY JACZKO: Okay.

15 CHUCK CASTO: And the DCM will go back to
16 running the embassy.

17 GREGORY JACZKO: Okay.

18 CHUCK CASTO: There was a congressional
19 visit from Congressman Whitfield, I don't even know where
20 Congressman Whitfield's from, they had planned to do a
21 congressional visit over here in the next month for
22 lessons learned on U.S. nuclear plants, to look at what
23 happened here and what we could learn about it. The
24 embassy asked them to hold that off a month or two.

25 GREGORY JACZKO: Good.

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1 CHUCK CASTO: The other embassy issue is,
2 they feel very comfortable on education of American
3 citizens in Japan on radiation, the KI, they've done a
4 lot of work on it. There's a lot, you know, we can
5 capture from what they've done here in the embassy on how
6 to communicate radiation issues to people, so I think
7 that's going to be really good for us.

8 GREGORY JACZKO: Good.

9 CHUCK CASTO: Their three big concerns
10 right now are atmosphere, food and water, and
11 earthquakes.

12 GREGORY JACZKO: Okay.

13 CHUCK CASTO: So they're focusing on
14 educating the American public on those three areas
15 currently.

16 GREGORY JACZKO: Okay. Good.

17 CHUCK CASTO: That's the end of my brief.

18 GREGORY JACZKO: Okay. Marty, anything
19 you had to add?

20 MARTY VIRGILIO: No, Chairman.

21 GREGORY JACZKO: Okay. So, Chuck,
22 anything you need right now from me?

23 CHUCK CASTO: No, sir. No issues at all.

24 GREGORY JACZKO: Okay. And I do have from
25 yesterday, I think from the ET brief, or, Marty, from our

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1 discussion with Mike yesterday, I'm working to continue
2 to get a little bit better focus on this logistic support
3 and equipment, kind of, processing support, so I am
4 continuing to work on that. I don't have tremendous
5 hopes at this point that something more will materialize
6 than what has already materialized, but I do have that
7 and I will continue to work that.

8 MARTY VIRGILIO: Thanks.

9 CHUCK CASTO: Well, if I might, Chairman.

10 GREGORY JACZKO: Sure.

11 CHUCK CASTO: This is Chuck Casto, it seems
12 like it's coming together a little bit better here, at
13 least at the pointy end, at the embassy.

14 GREGORY JACZKO: Okay.

15 CHUCK CASTO: Mark Wall is putting it
16 together from the embassy point of view, and I think we
17 have a solid matrix, a solid list. Hosano is providing
18 us priorities.

19 GREGORY JACZKO: Okay. Good.

20 CHUCK CASTO: It seems, at least out here,
21 that it's in a good place out here. The only thing that
22 came up yesterday at the cabinet meeting was, they wanted
23 to get a donor's working group together --

24 GREGORY JACZKO: Okay.

25 CHUCK CASTO: -- an international donor's

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1 working group, (b)(5)

2 (b)(5)

3 GREGORY JACZKO: Okay.

4 CHUCK CASTO: (b)(5)

5 (b)(5) but nevertheless,

6 we now have a matrix of all the different companies and
7 countries who are offering equipment, and so we at least
8 have that list. We're not sitting in a room together,
9 but we at least have that list. And it seems to be
10 working, at least out here.

11 GREGORY JACZKO: Okay. Good. Well,
12 that's good feedback and right now, Chuck, just so you
13 know, I was going to call Jim Ellis and just get his sense
14 of where things stand, and hopefully that's getting setup
15 today. And, you know, kind of from the industry side and
16 hopefully I'll get a similar read from him, and then maybe
17 this issue will be, kind of, in the state that it's in,
18 maybe it will be stable and static.

19 CHUCK CASTO: Yes, sir. You got the
20 lively. Out here it seems to be working.

21 GREGORY JACZKO: Okay.

22 CHUCK CASTO: Mark Wall is doing a fabulous
23 job and they've taken that and they're running with it.
24 And Alan Blamey from our staff has been working with them
25 and, you know, it's not a major burden for us.

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1 GREGORY JACZKO: Okay. Good. Well,
2 that's good feedback. That's why you're there. Give us
3 good information. Well, good. I appreciate that,
4 everybody, and keep up the good work.

5 CHUCK CASTO: Thanks, sir.

6 MARTY VIRGILIO: Thank you, sir.

7 JIM DYER: Okay, Chairman.

8 GREGORY JACZKO: And, Jim, you know in the
9 next day or so we're going to get some money, so you're
10 going to have to go back to your day job.

11 JIM DYER: Yes, sir.

12 GREGORY JACZKO: Thanks, everybody.

13 CHUCK CASTO: Thank you, sir.

14 GREGORY JACZKO: All right.

15 JIM DYER: Do you want Chuck to stay on?
16 Chuck, I'm not sure that we have anything else for you,
17 unless you have something else for us.

18 CHUCK CASTO: No, you and I need to have a
19 conversation some time whenever you get a chance.

20 JIM DYER: Okay. You headed off to bed or
21 are you going to be up for awhile?

22 CHUCK CASTO: No, I'll be up for awhile. I
23 got 24 hours. I will pick an hour or two to sleep in
24 there.

25 JIM DYER: Okay.

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1 CHUCK CASTO: Give me a call if you're
2 around.

3 JIM DYER: I will give you a call within the
4 hour.

5 CHUCK CASTO: No problem. Talk to you
6 soon.

7 JIM DYER: Oh, hey, Chuck --

8 CHUCK CASTO: Thanks, Jim.

9 JIM DYER: Hey, Chuck? We sent you an
10 email with a table called Major Document Status, All
11 Teams Major Document Status.

12 CHUCK CASTO: Okay.

13 JIM DYER: This may give you some food for
14 through with regard to, what are the attachments that
15 you're going to want to have in your global assessments.

16 CHUCK CASTO: Okay. We can add the
17 insights from that into our summary.

18 JIM DYER: Yes. Take a look at it and we
19 should talk about it when you're ready, after your site
20 team's had time to look at it, just to see if there are
21 any documents on there you're not familiar with.

22 CHUCK CASTO: Absolutely.

23 JIM DYER: It may be a good topic for
24 tomorrow.

25 CHUCK CASTO: Okay. Not a problem.

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1 MARTY VIRGILIO: Okay.

2 JIM DYER: All right, Chuck.

3 CHUCK CASTO: Thanks, Jim. Thanks to
4 everybody else. Take care. Talk to you soon.

5
6
7
8
9
10
11
12
13
14
15
16
17 (CONFERENCE CALL INITIATED)

18 0(9K!F)L13765094

19 OPERATOR: There are currently 14
20 participants in your conference. The following people
21 are in the conference.

22 MALE PARTICIPANT: Headquarters
23 operations officer.

24 DENNIS ULSTON: Dennis Ulston (phonetic),
25 ILTAB (phonetic).

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1 MICHAEL MARSHALL: Michael Marshall,
2 Chairman Jaczko's office.

3 BRIAN BUNSER: Brian Bunser (phonetic),
4 Region 2 duty officer.

5 MALE PARTICIPANT: Region 4 duty officer.

6 PAM HENDERSON: Pam Henderson, Region 1
7 duty officer.

8 BILL ORDERS: Bill Orders, Commissioner
9 Magwood's Office.

10 ANGELA MACINTOSH: Angela Macintosh, FSME.

11 PAT CASTLEMAN: Pat Castleman (phonetic),
12 Commission Svinicki's Office.

13 MIKE FRANOVICH: Mike Franovich,
14 Commissioner Ostendorf's Office.

15 MIKE SCOLARLY: Mike Scholarly (phonetic),
16 Commissioner Apostolakis' Office.

17 MALE PARTICIPANT: NMSF.

18 STEVEN ORTZ: Steven Ortz (phonetic),
19 Region 3.

20 OPERATOR: Roster playback is complete.

21 JIM DYER: Good morning. This Jim Dyer,
22 the day shift ET director, and welcome to the Thursday
23 morning briefing. Just a couple things on the briefing
24 of note, there was a 6.4 magnitude earthquake yesterday
25 morning Japan time. Can I ask, if you're not talking,

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1 put your phones on mute because we're getting feedback
2 here in the ops center. A 6.4 magnitude earthquake at
3 6:38 Japan time on Tuesday morning.

4 No significant impact at the site. There
5 was a small fire at the discharge of, I think, near Unit
6 4, but that was controlled. There was nothing. A
7 little follow up, on Monday, also had an earthquake at
8 7.1, a little more significant, that caused a loss of
9 offsite power at the Fukushima site for about 50 minutes.
10 During that time period, there was a loss of injection
11 to all three units and Chuck following up on just how well
12 the procedures -- you know, their procedures were, they
13 did a site evacuation, except that there are dedicated
14 workers and members of the Japanese Defense Force who
15 were assigned to man the backup pumping trucks and to go
16 to the alternate backup.

17 It's not clear how well that function
18 worked. It was about 50 minutes, and before they even
19 broke the existing hookups, the power is restored, but
20 a little bit of analysis based on our MELCOR runs, they
21 can expect to see -- and the current bleed-and-feed
22 condition that they're in, they can expect to see
23 additional core damage, in that, if they have a loss of
24 injection for under ten hours.

25 So the site team is following up on that and

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1 may make a presentation to the -- talk to NISA about it,
2 and the push is the need to get a little more reliable
3 injection, and backup power, and alternate procedures on
4 that. Additionally, at either one of the earthquakes
5 was there any impacts on any of the other sites.

6 You also may have been hearing that the
7 Government of Japan has revised their evacuation
8 recommendations, evacuation orders, actually, beyond
9 their 20-kilometer previously recommended site, out to
10 about 30 kilometers in some areas. If you look at it,
11 it is very much like a keyhole to the northwestern corner
12 from the site, and the presentation that Minister Edano
13 made on that was that, based on the depositions, the
14 Japanese believe that long-term habitability of those
15 areas are not appropriate and that what they should do
16 is plan to move out within 30 days.

17 There are also some areas that they're
18 flagging for outside of 20 miles, that if there is a
19 follow-up event or anything, that people should shelter
20 in place as pre-ticket. Second issue is, we're
21 continuing the dialog with our stakeholders to the
22 development of the criteria, or the guidance, for return,
23 both grab-and-go and permanent re-entry for U.S.
24 citizens around the site within the 50-mile EPZ.

25 There's an ongoing dialog, if you would, we

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1 have a number of stakeholders with comments; the French,
2 the U.K., the Naval Reactors group, Centers for Disease
3 Control, and that, so we're going to try to put together
4 a document and get it out at the working level. This
5 document is also, the status, it's going to be statused
6 at the IPC meeting this afternoon, and we'll see where
7 that one is particularly going.

8 Let's see, the other thing that the site
9 team is working on right now is, putting together a
10 presentation that will be used by the embassy for
11 Secretary of State Clinton's anticipated visit
12 approximately on the 18th, I think is the date there.
13 The 18th of April is the date of their focus, and what
14 we're trying to do is provide an overview document, at
15 a high level obviously, that captures all the different
16 support and relationships that we have between the U.S.
17 Government and the Japanese Government, as well as the
18 industry consortium, and the support there.

19 The last thing is, the operations center is
20 still continuing its transition, if you would, so this
21 is my second shift. We started yesterday on day shift
22 to downsize the actual on-shift staffing to
23 approximately six staff and the big emphasis is going to
24 be the tracking of the on-shift, they're going to be
25 assigned to the sites.

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1 And so we're putting together a key document
2 tracking system as well as an office assignment sheet,
3 and that will be the key documents that'll form the basis
4 for the turnover of ET directors and all the site
5 positions, or shift positions, that we have here.

6 And then the last thing I have is, you may
7 have also heard that the Japanese government
8 re-evaluated the INES rating of the Fukushima event to
9 a category 7, and that's on the IAEA Web site, and we
10 really don't have anymore information on that. Chuck
11 was going to discuss it with some of his counterparts
12 tomorrow, but the outline is there about the increase in
13 the evaluation of the total amount discharged.

14 But those are the key activities working
15 here in the ops center today. So let me open it up for
16 questions.

17 PAT CASTLEMAN: This is Pat Castleman,
18 yesterday, or I guess, actually, it was Sunday, it was
19 reported that the RST was nearing completion of a revised
20 severe accident investigation assessment document and
21 recommendation, this would be an update to the document
22 that was leaked to the press, has that updated document
23 been done?

24 JIM DYER: It has not. It is still being
25 worked. It will also include -- there was two documents

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1 in a work-in-progress, and there was a spent fuel
2 assessment and a reactor assessment, and we have merged
3 those two documents, and they are still being worked.

4 PAT CASTLEMAN: Okay. Any prognosis of
5 when they'll get done?

6 JIM DYER: I will check today. I don't
7 have a schedule. Right now, there's no urgency seen with
8 having those.

9 PAT CASTLEMAN: Okay. Thanks.

10 BILL ORDERS: Hey, Jim, this is Bill
11 Orders. How are you?

12 JIM DYER: Good.

13 BILL ORDERS: Are we still getting the IAEA
14 and the DOE reports?

15 JIM DYER: Yes, I believe we are. I saw a
16 DOE report. I have not seen an IAEA report.

17 BILL ORDERS: Those used to be forwarded.
18 Could we get those when they come through you guys?

19 JIM DYER: Will do.

20 BILL ORDERS: Thanks. And one more thing,
21 Jim, sorry. The grab-and-go criteria, then there's
22 another couple of criterion you were working on, you
23 mentioned the French, U.K., Naval Reactor, CDC, but I
24 didn't hear any other federal partners. Anybody else
25 involved on this?

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1 JIM DYER: DOE, Office of Science and
2 Technology and Policy. There's a listing of them.
3 There's quite a few players on it.

4 BILL ORDERS: Okay. I just want to make
5 sure that federal partners were engaged.

6 JIM DYER: Yes.

7 BILL ORDERS: Okay.

8 JIM DYER: That's the (inaudible)
9 documents are high priority and Naval Reactors has some
10 concerns with it. We think we've ironed them out, but
11 we're going to revise it today based on some comments we
12 had of the latest rev. And then make sure that at least
13 we're going in eyes wide open.

14 And it basically, you know, says re-entry
15 is three factors for re-entry. (b)(5)

16 (b)(5)

17
18
19
20 BILL ORDERS: Okay. One more question
21 then I'll open the floor up, on Page 5 of 6 of today's
22 report, it says the PMT has the lead for this composite
23 document.

24 JIM DYER: Yes, sir.

25 BILL ORDERS: Who else is participating in

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1 that?

2 JIM DYER: Well, right now it's NSIR and the
3 reactor safety team, and we're transitioning to NRR and
4 NSIR. But NSIR has the lead for the document. Trish
5 Milligan is staffing it and working it.

6 BILL ORDERS: I understand that. Just out
7 of curiosity, do we have people who are fluent in local
8 infrastructure and making those decisions? Just a
9 question. It just seems kind of strange.

10 JIM DYER: No, we're actually relying on
11 the criterion manual Chapter 1601 for recovery, you know,
12 that we use for recovery, like, of hurricanes in Region
13 2 when they go through.

14 BILL ORDERS: Yes, okay. I understand.
15 I'm finished.

16 JIM DYER: Other questions?

17 FEMALE PARTICIPANT: Where can we find
18 today's report?

19 JIM DYER: Today's report will go out at
20 noon.

21 FEMALE PARTICIPANT: Who does it get sent
22 to or is it on the Web site somewhere?

23 JIM DYER: I thought we had the same
24 standard distribution on it, but we will check to make
25 sure we have and I had gotten another request that

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1 somebody hadn't gotten it too, so we ill recheck the
2 distribution on the sitrep report.

3 FEMALE PARTICIPANT: Okay.

4 JIM DYER: We moved those to noon to capture
5 -- we've setup a daily call with Chuck Casto of the Japan
6 team after they leave their cabinet meeting, so it
7 usually is about 9:00 a.m. in the morning, and then we're
8 updating the sitrep to capture any of that information
9 that Chuck has that we need to get in, and then we'll issue
10 it by noon.

11 FEMALE PARTICIPANT: Can you make sure that
12 the regional duty officers are on that?

13 JIM DYER: Okay.

14 FEMALE PARTICIPANT: Thank you.

15 PAT CASTLEMAN: This is Pat Castleman
16 again. Regarding the change recommendation, protective
17 measures recommendation, that the Japanese Government
18 has set, you know, out to some areas, particularly to the
19 northwest where people are moving, it's being
20 characterized as an evacuation, but it sounds like,
21 consistent with international practice, what this really
22 is, is relocation. Is that true or false?

23 JIM DYER: My ET types are nodding their
24 heads, but it wasn't any kind of an immediate evacuation.
25 They are calling it a planned evacuation within the next

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1 30 days.

2 PAT CASTLEMAN: Okay, because I'm a little
3 confused.

4 FEMALE PARTICIPANT: We think that it's
5 more of a permanent evacuation, a relocation as you say,
6 so the Japanese Government has determined that there
7 aren't immediate health effects in that area, but it
8 would not be suitable for long-term habitability, so
9 they're giving the people in that area about a month to
10 get their things together before they have to go.

11 PAT CASTLEMAN: And what prompted the
12 question is, if you look in the DOE reports, the sitreps
13 that come in, they have their color-coded criteria and
14 so forth, have like, you know, 1 rem over the next year,
15 I forget the number, but it makes a distinction between
16 evacuation and relocation, and so that was just a fine
17 point, and there is a distinction and a difference there,
18 so I just wanted to nail that down. It sounds like
19 relocation.

20 Next question is, in the last rev it said
21 that the NRC will be increasing the size and adjusting
22 the skill set of its team in Japan, and I was wondering,
23 how big is that team going to get?

24 JIM DYER: I think the current number right
25 now is up to 11, and, then there's some planned rotations

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1 and overlap for the start of next week. What we've also
2 heard is USAID is considering stepping down from their
3 humanitarian support mission where we would have to pick
4 up logistic support. So we've told the USAID that we
5 really need about two weeks lead time just to have them
6 give us a date so we can start the transition for us
7 providing support for the team that we have over there.

8 PAT CASTLEMAN: Okay. That was going to be
9 my next question is, our people went over originally as
10 part of this USAID team, and that team is still stood up
11 then.

12 JIM DYER: That is correct, but at first we
13 heard it was going to be mid-April that they were going
14 to stop, and now it's the 1st of May, or the end of April,
15 and we just, you know -- they keep extending it, like,
16 week by week, which is fine, but we just wanted to tell
17 them, you know, we really need about two weeks notice,
18 don't be moving it up the other way.

19 PAT CASTLEMAN: All right. Right. Okay.
20 Thank you.

21 JIM DYER: Other questions? Okay. Thank
22 you very much.
23
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4
5 (CONFERENCE CALL INITIATED)

6 0 (90640613765094

7 MARTY VIRGILIO: Jim?

8 JIM DYER: Yes. Marty?

9 MARTY VIRGILIO: Yes. I'm still trying to
10 get in touch with congressional affairs to find out what
11 angle we're supposed to be pursuing in responding to the
12 Congressman's question, but, you know, to me, all of what
13 we have is included in our operations center status
14 update. I mean, I would assume that --

15 JIM DYER: Yes. I'm struggling too. I
16 had told them to just provide the repeat of the data that
17 we've got in our 1200 status reports and just provide the
18 table, and that's it. I don't know if he's thinking for
19 the issue, is it (inaudible) on the floor --

20 MARTY VIRGILIO: Yes, I don't know where
21 he's going.

22 JIM DYER: -- or what, but, you know, we're
23 just not going there.

24 MARTY VIRGILIO: Yes, I would agree with
25 you. So I agree with you. Just cut and paste what's in

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1 our status update for today and be done with it, because
2 I would not extrapolate any further.

3 JIM DYER: Right. You know, it's a stable
4 condition. It hasn't been changing.

5 MARTY VIRGILIO: Yes. That's what I think
6 we ought to do and unless we hear otherwise, that's our
7 response.

8 JIM DYER: Okay.

9 MARTY VIRGILIO: And I'll see Amy at 1
10 o'clock and let her know that's what we're doing, and if
11 I get anything more, I'll give you a call.

12 JIM DYER: Yes, I just got a little worried
13 about the quick response coming from (inaudible) and I
14 did not know which hearing the Chairman had today.

15 MARTY VIRGILIO: Yes, it's the Senate. So
16 we're okay.

17 JIM DYER: Yes.

18 MARTY VIRGILIO: All right.

19 JIM DYER: A separate issue.

20 MARTY VIRGILIO: Yes, go ahead.

21 JIM DYER: Hey, I talked to Mike Weber and
22 he and I had a good discussion on his comments on the "red
23 ticket".

24 MARTY VIRGILIO: Okay.

25 JIM DYER: And the history and his

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1 concerns. He has a much better grasp of history than I
2 do. But, you know, I'm warming to his idea about we just
3 track this. We don't give it a name. We don't give it
4 a moniker. We just track it and assign the Japan team
5 members to follow up on each one of these issues with the
6 points of contact, at least daily; twice daily. Would
7 you have a problem with that?

8 MARTY VIRGILIO: No. Wait a minute. It's
9 not the ops center that would follow up, it's the Japan
10 team going directly to the line organization?

11 JIM DYER: No, our Japan team and
12 headquarters; the ops center.

13 MARTY VIRGILIO: Oh, okay. Yes.

14 JIM DYER: But not the WHO.

15 MARTY VIRGILIO: Yes, yes. Get the WHO out
16 of it. I agree.

17 JIM DYER: Get the WHO out of it, but we have
18 the headquarters Japan response team and maybe I need to
19 coin that phrase and clearly show that we're separating
20 the Japan headquarters response team from the WHO --

21 MARTY VIRGILIO: Right.

22 JIM DYER: -- and still providing support
23 to the Japan team.

24 MARTY VIRGILIO: Yes.

25 JIM DYER: And it will be the link and

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1 (inaudible) these things, and we won't create some -- I
2 mean, maybe we'll make it a red -- we're not going to call
3 it the red ticket.

4 MARTY VIRGILIO: Okay. I don't care what
5 we call it. I just --

6 JIM DYER: Right. And that's where I think
7 Mike was. He said he remembered something back that
8 Chairman Felon (phonetic) had a red ticket system. I
9 didn't remember.

10 MARTY VIRGILIO: I don't remember that
11 either.

12 JIM DYER: I was at the region when that
13 happened. And so, you know, rather than hang a moniker
14 on it or anything like that, you know, we'll just identify
15 it as things that the headquarters Japan team will follow
16 up on.

17 MARTY VIRGILIO: Good enough.

18 JIM DYER: Okay?

19 MARTY VIRGILIO: Yes.

20 JIM DYER: So I'm going to try to get that
21 out and we're trying to whittle down the documents. Hey,
22 we did meet (inaudible), CFO did meet with the USAID.

23 MARTY VIRGILIO: Okay.

24 JIM DYER: And they confirmed that the last
25 day in April is their standing down.

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1 MARTY VIRGILIO: Okay.

2 JIM DYER: And so May 1st and after they
3 want us to pick up logistic support and we're in agreement
4 with that. And so we'll be transferring the hotels, and
5 the money, and the return flight tickets, and all that
6 stuff will be under our nickel.

7 MARTY VIRGILIO: Okay. As of May 1st.

8 JIM DYER: Yes.

9 MARTY VIRGILIO: All right.

10 JIM DYER: And so we'll update it that way.

11 MARTY VIRGILIO: And CFO will take the
12 lead?

13 JIM DYER: CFO has the lead.

14 MARTY VIRGILIO: Okay.

15 JIM DYER: All right, Marty. Have a good
16 day.

17 MARTY VIRGILIO: Good. Thanks.

18 JIM DYER: Bye-bye.

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25 (CONFERENCE CALL INITIATED)

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MALE PARTICIPANT: Vince Holahan from
PACCOM is coming onboard.

JIM WIGGINS: Okay. Hey, Vince.

VINCE HOLAHAN: Hey, good morning.

JIM WIGGINS: How were you?

VINCE HOLAHAN: Well, it's only 9 o'clock
here so it's not as bad as it must be back in D.C.

JIM WIGGINS: Well, it's 3:04 a.m. and
we're all here watching the paint dry. I guess the RST
is on a conference call. That's probably the first and
maybe the only thing we had scheduled for the back shift.
What could we do for you? This is Jim Wiggins.

VINCE HOLAHAN: Well, I've been trying to
follow some of the emails that have been coming out
between you and Chuck this evening and I'm trying to
figure out what's going on.

JIM WIGGINS: Well, there is a PMT author's
assessment that is going around for comment, and this is
on the re-entry to -- guidance for return or re-entry of
U.S. citizens, you know, in Japan, right?

VINCE HOLAHAN: Okay.

JIM WIGGINS: In the past I think PACCOM was
interested in the same topic because of the military
dependents that were in the area that also had took part

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1 on a DoD-sponsored voluntary departure program.

2 VINCE HOLAHAN: Right.

3 JIM WIGGINS: So the ambassador is looking
4 to, I think, actually he's looking to let people get back
5 into the country. You got kids that will need to go back
6 to school, things like that. And I was just initially,
7 earlier in the evening, questioning whether the, you
8 know, Department of Defense going to use the same kind
9 of criteria. That's all. Otherwise you'd have the
10 State Department, potentially, letting people in and the
11 military isn't, or vice versa.

12 So what you saw between Chuck and I is, you
13 know, I had asked that question about the analysis that
14 we had in front of us and Chuck had remembered that the
15 embassy staff had written another one and sent it back
16 here for some comment, and that was a number of days ago.

17 So the next email, the dead letter email,
18 is the fact that the PMT tells me that the
19 embassy-generated document is a dead issue at this point.
20 They're not commenting on the PMT one. That's all.

21 VINCE HOLAHAN: Okay.

22 JIM WIGGINS: So the question I was asking
23 you was, what's going on in PACCOM in terms of letting
24 these U.S. military dependents back into the country and
25 are the criteria that are being applied for that decision

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1 relatively consistent with the criteria that the embassy
2 will be using?

3 VINCE HOLAHAN: Okay. Admiral Willard, we
4 provided him some feedback yesterday and it was based in
5 part upon Sandia analysis as well as the observations
6 that the ambassador had made.

7 JIM WIGGINS: Okay.

8 VINCE HOLAHAN: And based on that, we were
9 suggesting that the decisions that PACCOM would go
10 forward with should be consistent with that of the
11 embassy.

12 JIM WIGGINS: Yes, that's good. Okay.

13 VINCE HOLAHAN: We looked at both the, I
14 guess, Sandia analysis, we had a summary of that. I
15 explained what MELCOR and MAX was.

16 JIM WIGGINS: Yes.

17 VINCE HOLAHAN: We described what NARAC was
18 discussing in worst case and then going back to the
19 ambassador's assessment of the lack of information that
20 they had when they made the original determination, how
21 we have had a significant improvement in our
22 understanding of the situation today, that we could
23 concur with a recommendation to let folks come back into
24 country.

25 JIM WIGGINS: Okay. So that's a down deal?

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1 VINCE HOLAHAN: Well, it basically is, what
2 is State Department going to do in terms of the
3 ambassador's recommendation, that if the ambassador and
4 State Department say, let the American citizens come
5 back, they will do the same thing with the dependents.
6 They're not going to be forced to come back in the
7 country, obviously, but they will have that opportunity
8 to come back in.

9 JIM WIGGINS: Okay. All right. So you
10 think the two criteria, the two sets, you think they've
11 been joined basically.

12 VINCE HOLAHAN: That is what we are trying
13 to do, trying to have a consistent message.

14 JIM WIGGINS: Yes. Okay. That was all.
15 That's what the emails were about, Vince.

16 VINCE HOLAHAN: Good.

17 JIM WIGGINS: So I understand you're not
18 getting to see too much daylight in your new walk of life.

19 VINCE HOLAHAN: Let's say that I started my
20 day at 0430 and I came back in tonight at about 1800, no,
21 I'm sorry, 2000. It's a 15-hour day, typically, we
22 started the day off in the dark and we ended the day in
23 the dark.

24 JIM WIGGINS: Yes, wonderful. So I guess
25 we'll stop all the jokes about lounging on the beach then.

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1 VINCE HOLAHAN: I laugh at that.

2 JIM WIGGINS: All right.

3 VINCE HOLAHAN: If it were a vacation, I
4 don't need to be here.

5 JIM WIGGINS: Yes, not much of a vacation.
6 All right, Vince.

7 VINCE HOLAHAN: Thank you, Jim. If you
8 need anything, let me know. We're here to work for you.

9 JIM WIGGINS: All right. Same here.

10 VINCE HOLAHAN: Have a good night.

11 JIM WIGGINS: Yes, we'll talk to you later.

12 VINCE HOLAHAN: Okay. Good night now.

13 JIM WIGGINS: Bye.

14

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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

3 + + + + +

4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

5 + + + + +

6 FRIDAY

7 APRIL 13, 2011

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(CONFERENCE CALL INITIATED)

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MALE PARTICIPANT: Mr. Dyer, I have Marty Virgilio coming up on the bridge.

MARTY VIRGILIO: Jim?

JIM DYER: Hey.

MARTY VIRGILIO: Hey.

JIM DYER: Hey, Marty.

MARTY VIRGILIO: I'm just thinking about the document that's due downtown today.

JIM DYER: Yes.

MARTY VIRGILIO: Is there anything I can do to help?

JIM DYER: No, I actually think -- you know, I saw Steve Lyons comments in that. We sort of talked out the direction and I think the reactor safety team's got it, but, you know, we're going to frame it, you know, and just send it down and see where they're at.

MARTY VIRGILIO: Okay.

JIM DYER: But, I mean, if we do have the counts, it's not as rosy in reactor safety land as they're portraying, but it doesn't have to be.

MARTY VIRGILIO: Right. Right. It doesn't have to be. That's the point.

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1 JIM DYER: Yes.

2 MARTY VIRGILIO: But you feel pretty
3 comfortable that that's on track?

4 JIM DYER: Yes, I'm going to get inputs at
5 noon and that'll give us two hours to tool it, and then
6 I was just going to shoot something down.

7 MARTY VIRGILIO: All right. And your
8 inputs are all coming from the internal to the ops
9 center?

10 JIM DYER: Yes. It's just going to be the
11 reactor safety team and the protected measures team,
12 so I told them to feel comfortable reaching out to
13 anybody they're dealing with on the day-to-day
14 activities. You know, like, we've got an information
15 call and things like that going on that they may just
16 bounce some ideas of them.

17 MARTY VIRGILIO: Okay. Good. Once you
18 get that cleared, which I imagine it'll be somewhere
19 around 2 o'clock in the afternoon, or whatever, can we
20 convene a group to focus, then, on the next issue, which
21 is the other paper?

22 JIM DYER: The re-entry criteria?

23 MARTY VIRGILIO: Yes.

24 JIM DYER: Okay.

25 MARTY VIRGILIO: And what do we need in

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1 order to move that forward?

2 JIM DYER: Yes, I think we need to get with
3 Trish and we need to get somebody from the NRR on the
4 -- I think the key question is the reactor stability
5 part of it.

6 MARTY VIRGILIO: Yes, right.

7 JIM DYER: Because, I mean, I think we're
8 heavy on (inaudible) physics and light on reactor
9 stability. And then I have not gotten Wiggins'
10 revisions.

11 MARTY VIRGILIO: Nor do I think we really
12 want them at this point.

13 JIM DYER: Yes, I'm just afraid we're into
14 configuration management challenges.

15 MARTY VIRGILIO: Right.

16 JIM DYER: It really beckons the whole
17 question about transitioning to long-term projects.

18 MARTY VIRGILIO: But how should we do that?
19 Do we want to have Eric, you know, have some of his
20 -- you know, we've got some fairly good PMT management
21 people that are now back on day shift. I mean, RST
22 people, who are now back on day shift. Do we want to
23 convene a meeting of whoever Eric can support?

24 JIM DYER: And Michelle Evans is here, and
25 I hadn't talked to -- do we have points of contact now

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1 for all the offices?

2 MICHELLE EVANS: Yes, they're in that
3 document. Yes, we have points of contact for
4 (inaudible).

5 JIM DYER: And so maybe, Marty, the right
6 people to get this with is to have a meeting this
7 afternoon, say, after 3 o'clock, where we can talk about
8 the transition. You know, you said you wanted to have
9 a meeting once we had all the POCs together.

10 MARTY VIRGILIO: Well, that's another
11 meeting, but I'm just focused on the composite paper
12 right now.

13 JIM DYER: But I'm not sure that isn't
14 representative of what we got -- I mean, that's just
15 the first one and we really need to -- the challenge
16 is configuration management and not -- I don't know.
17 I'm thinking out loud.

18 MARTY VIRGILIO: Yes, yes, yes. No, I'm
19 with you. Yes, we do need to get the points of contact
20 together so that they understand goals and
21 responsibilities.

22 JIM DYER: Right, but basically what it's
23 going to be is, say, Pat Hiland and Dave Skeen from NRR,
24 they're responsibility is going to be the reactor
25 stability part of it.

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1 MARTY VIRGILIO: Right. We need --

2 JIM DYER: (b)(5)

3 (b)(5)
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14 MARTY VIRGILIO: How do we go about doing
15 that? Should we convene a meeting?

16 JIM DYER: I think we ought to get all the
17 POCs in a room and talk about it.

18 MARTY VIRGILIO: Right, or do we want to
19 get the POCs to bring whoever they need to bring into
20 the room so we can talk about it?

21 JIM DYER: Yes, and I'm not sure they'd know
22 who they need to bring.

23 MARTY VIRGILIO: If we lay it out. If we
24 lay out, you know, the purpose and the objectives of
25 the meeting, we could let them figure out who they want

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1 to bring.

2 JIM DYER: Yes, but I think we maybe ought
3 to talk about the, you know, issue, the current status
4 of the tracker and the current status of the five
5 documents, you know, the document tracker?

6 MARTY VIRGILIO: Right.

7 JIM DYER: And use those as handouts to talk
8 about, you know, the transition.

9 MARTY VIRGILIO: Yes, I think you and I are
10 still talking about two meetings, but okay.

11 JIM DYER: Well --

12 MARTY VIRGILIO: There's one meeting to
13 make sure that we're all aligned on the process --

14 JIM DYER: Yes.

15 MICHELLE EVANS: Right.

16 MARTY VIRGILIO: -- moving forward as to
17 how this is going to work.

18 MICHELLE EVANS: That's all the points of
19 contact.

20 MARTY VIRGILIO: That's all the points of
21 contact and, you know, making sure that people
22 understand how this is going to work with line
23 organization taking more responsibility and we could
24 have that meeting today. Michelle, I would suggest that
25 you take the lead for scheduling that meeting.

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1 MICHELLE EVANS: Okay.

2 JIM DYER: And then you're talking about
3 a more tactical meeting on, what do we need to do to
4 get the composite re-entry criteria moving.

5 MARTY VIRGILIO: Right. That's a separate
6 meeting, but it will involve the points of contact, or
7 whoever they need, from NSIR and NRR at the minimum.

8 JIM DYER: Yes. That's good. Maybe we'll
9 hold that meeting -- I just looked at my calendar,
10 unfortunately, we've got a Chairman strategy meeting
11 this afternoon --

12 MARTY VIRGILIO: Right.

13 JIM DYER: -- before I get out of here.

14 MARTY VIRGILIO: Right, but who do you turn
15 over to, Bruce?

16 JIM DYER: Yes. I think Bruce is the
17 oncoming.

18 MICHELLE EVANS: Yes.

19 JIM DYER: This is the first time. He's
20 been off for a couple of weeks, I think, or a week --

21 MICHELLE EVANS: No. He was here last
22 (inaudible).

23 JIM DYER: Yes.

24 MARTY VIRGILIO: So we could do it either
25 before turnover or after turnover.

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1 MICHELLE EVANS: With the points of -- well
2 --

3 JIM DYER: It would be, we'd need whoever
4 their point of contact is in NSIR.

5 MICHELLE EVANS: Yes. Then we'll
6 (inaudible).

7 JIM DYER: And Trish, who's heading up the
8 lead for that project, and then we'd have to talk to
9 get the NRR guys, either Skeen or Hiland, and we probably
10 need to get somebody from the reactor systems branch,
11 or, you know, a technical branch, or TA, or something,
12 to bring them in on --

13 MICHELLE EVANS: So who's the RST people
14 who are here that can arrange this for us, right? We've
15 got part of the concept of what we're trying to do.
16 Those people ought to set this meeting up and bring in
17 their points of contact. We have to RST people.

18 JIM DYER: Right, but there are no points
19 of contact.

20 MICHELLE EVANS: Yes, there are. I'm
21 sorry that they're not in here. We'll get them in here,
22 those points of contact. There's a list, I guess, that
23 didn't get made into a list of points of contact, so
24 we'll do that.

25 JIM DYER: Okay.

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1 MICHELLE EVANS: It has two (inaudible),
2 but there are things like OCSA and TSR, (inaudible).

3 Okay. Do we have the (inaudible) if possible? How
4 did we do on timing there that day?

5 MALE PARTICIPANT: For the people that are
6 in here?

7 MICHELLE EVANS: In here.

8 MALE PARTICIPANT: I haven't seen any
9 exchange between that.

10 MICHELLE EVANS: Okay. Because I'm
11 actually thinking we may not be (inaudible) to have --

12 MALE PARTICIPANT: The broader one?

13 MICHELLE EVANS: The broader one, until we
14 have a document that's clearer on the roles of the people
15 in here and the points of contact, that was the document
16 (inaudible).

17 MALE PARTICIPANT: Yes, that was the one
18 that Scott Morris --

19 MICHELLE EVANS: And if we could, maybe,
20 target for tomorrow, late morning, and do that bridge.

21 MARTY VIRGILIO: All right. That makes
22 sense.

23 MALE PARTICIPANT: But we need to move
24 forward with the one that involves the reactor safety
25 team to look at the criteria of the stability piece of

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1 that document. And I guess what I'm taking away from
2 this is, notionally, however we setup this mechanism
3 for them to pull together the group they need to consult
4 with, sort of, at least that first trial of how we would
5 do that going forward.

6 JIM DYER: (b)(5)

7 (b)(5)
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18 Do we need to change something in the global
19 assessment?

20 MARTY VIRGILIO: Jim, let me just extend
21 your thinking there. I mean, we need to decide who the
22 lead office is and I would say for this issue we could
23 say that it's NRR. And so Eric would speak to you through
24 whoever, we work toward Eric through the points of
25 contact, but NRR has got to speak to, what do we want

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1 to do in this simplified stability document, the
2 composite paper, and the global assessment?

3 (b)(5)
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7 JIM DYER: Right.

8 MARTY VIRGILIO: And maybe that's the way
9 to get out from this change every shift is to say, look,
10 NRR is the lead office for this, this is the position
11 they've taken, and on all three shifts we're going to
12 drive to get that position.

13 JIM DYER: Okay.

14 MARTY VIRGILIO: So we would want a meeting
15 this afternoon with Eric, or whoever he designates to
16 speak for the office of NRR, and we would do that through
17 going back to Hiland and Skeen, points of contact, and
18 we would layout the purpose of the meeting is, really,
19 to focus on stability. And we have three separate
20 papers where you could have three different answers,
21 depending on the use of stability, but we need to align
22 on what it is.

23 MICHELLE EVANS: Yes. And that needs to
24 be communicated to the various --

25 MARTY VIRGILIO: Right.

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1 MICHELLE EVANS: -- (inaudible) who are
2 going to be in here so that they --

3 MARTY VIRGILIO: Right.

4 MICHELLE EVANS: -- (inaudible).

5 MARTY VIRGILIO: But the lead program
6 office has made the decision, this is the stability,
7 and our job on shift is to implement it.

8 MICHELLE EVANS: Okay. As far as the
9 meeting this afternoon, (inaudible) needs to be in this
10 meeting, what time does that mean base?

11 JIM DYER: Why don't we try to get it, say,
12 2 o'clock, or right after 2 o'clock? Because we should
13 hit the send button, it would probably be a panic up
14 until 2 o'clock-ish, so 2:30 is supposed to start
15 turnover --

16 MARTY VIRGILIO: Should already go through
17 your turnover, Jim. That's --

18 JIM DYER: Yes, maybe, why don't we go to
19 3:00?

20 MARTY VIRGILIO: Yes, let you get your
21 turnover done --

22 JIM DYER: And then Bruce will be in the
23 saddle and we can just move straight from the turnover
24 into the meeting?

25 MARTY VIRGILIO: Yes.

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1 MICHELLE EVANS: All right.

2 MARTY VIRGILIO: Is 3:00 comfortable or is
3 it better 3:30? How has your turnovers been running?

4 JIM DYER: Well, this is Bruce's first time
5 back for a while, so, I mean --

6 MARTY VIRGILIO: Can you do it at 4 o'clock?
7 I'm not rushing. We just need to pick the time so that
8 --

9 JIM DYER: Yes, the problem with that 4
10 o'clock, I'm at out here, because that's when the
11 Chairman has got his strategy meeting.

12 MARTY VIRGILIO: Okay. And maybe you
13 could call Bruce to see if he can come down a few minutes
14 early. We could do it at 3:00 if he wants.

15 JIM DYER: Yes. I'd push for 3:00.

16 MARTY VIRGILIO: Okay.

17 MICHELLE EVANS: Okay.

18 MARTY VIRGILIO: All right.

19 MICHELLE EVANS: 3 o'clock, in here --

20 MARTY VIRGILIO: Yes, and the --

21 MICHELLE EVANS: -- (inaudible) and so we
22 need Trish --

23 MARTY VIRGILIO: Yes, because she's sort
24 of the end-user. I mean, Trish is there because the
25 composite paper is really her paper and we're developing

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1 something to provide input to her.

2 JIM DYER: Right.

3 MARTY VIRGILIO: Now, Chuck is the end-user
4 on the global assessment, but I don't want to wake him
5 up for this.

6 MICHELLE EVANS: Right.

7 MARTY VIRGILIO: And I don't know who the
8 end-user is for the simplified stability document. It
9 may be Chuck as well.

10 JIM DYER: That's what my understanding
11 was.

12 MARTY VIRGILIO: Okay.

13 MICHELLE EVANS: Okay.

14 MARTY VIRGILIO: All right. So we'll set
15 3 o'clock in the operations center?

16 JIM DYER: Yes, and, Marty, I think the
17 other end use of that stability document is, that's the
18 criteria for the reactor safety team would have two
19 assessments.

20 MARTY VIRGILIO: Oh, that's right.

21 JIM DYER: You know, because, you know,
22 they do an assessment of -- what they're doing is an
23 assessment as to where each of the units are with respect
24 to those stability criteria.

25 MARTY VIRGILIO: Is there anybody acting

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1 for Jack Grobe in NRR right now or is it --

2 MICHELLE EVANS: Yes, it's Bill Roland.

3 MARTY VIRGILIO: Okay.

4 MICHELLE EVANS: So I think that'll
5 probably be the person to come in here.

6 MARTY VIRGILIO: Yes, I think it would be
7 really good to have Bill, but, I mean, our contacts,
8 Pat and Dave, have got to reach back into NRR and they
9 need to decide, but they need to understand the magnitude
10 of what we want to try to take on this afternoon.

11 MICHELLE EVANS: Okay.

12 MARTY VIRGILIO: And it would either be
13 Eric or Bill, is good to have there with -- it's good
14 that Bruce is on shift. That's fortuitous.

15 MICHELLE EVANS: Okay.

16 BRIAN: This is Brian. I just want to make
17 sure I understand. So we're saying Trish is the
18 end-user for the composite --

19 JIM DYER: Well, Trish has got the -- about
20 the shrinking the EP zone.

21 BRIAN: Right.

22 MARTY VIRGILIO: Yes, Trish --

23 JIM DYER: And, you know, if you look at
24 the criteria, (b)(5)

25 (b)(5)

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(b)(5)

(b)(5)

So of the

entries, you know, the majority of them are EP, so she's got the lead for the paper.

BRIAN: But ultimately, that's being used at the deputy meetings at some point?

JIM DYER: Well, the Chairman wants to put it in play --

BRIAN: Okay.

JIM DYER: -- at the IPC, but the first step is --

BRIAN: Internal alignment.

JIM DYER: Yes. And we had comments -- and so once we come up with a decision paper, and we make these revisions in stability, then we got to shoot it out to the naval reactors, EPA, CDC, DOE, those are the folks at the working levels that have had the dialog on it, and then we'll figure out whether or not we're ready to go forward at the working level before the Chairman flows it with the White House; all the IPC.

MICHELLE EVANS: Did the paper get discussed yet that the IPC --

JIM DYER: No.

MICHELLE EVANS: No?

JIM DYER: No, they did not. They were

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(b)(5)

MICHELLE EVANS:

(b)(5)

(b)(5)

JIM DYER: No.

MICHELLE EVANS: No.

JIM DYER: That's what we got to act on
today by 2 o'clock.

MICHELLE EVANS: Okay.

BRIAN: (b)(5)

JIM DYER: Oh, yes, we do.

BRIAN: We do?

JIM DYER: (b)(5)

(b)(5)

BRIAN: Okay.

MARTY VIRGILIO: So I'm going to come down
and join you at 3 o'clock.

JIM DYER: Okay. Let's try for 3 o'clock.

MICHELLE EVANS: All right.

MARTY VIRGILIO: And then we need to setup
the other meeting, when you're ready, when we have the
-- with the procedure, or whatever you want to call that
document, for the ops center in this new structure, and
maybe that's tomorrow.

MICHELLE EVANS: That would be tomorrow.

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1 JIM DYER: Okay.

2 MICHELLE EVANS: We'll figure it out.

3 JIM DYER: Thanks, Marty.

4 MARTY VIRGILIO: Thank you, Jim.

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21 (CONFERENCE CALL INITIATED)

22 0 (@VPGI613765094

23 JIM DYER: Good morning, Chuck.

24 CHUCK CASTO: Good morning, Jim. How are
25 you doing?

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1 JIM DYER: Good.

2 CHUCK CASTO: Was the call at 8:45 or 8:00?

3 JIM DYER: The call was at 8:30.

4 CHUCK CASTO: Okay.

5 JIM DYER: What I understood it to be was
6 8:30 in the morning and then the Chairman was going to
7 join us at 8:45.

8 CHUCK CASTO: Okay, just like last night.

9 JIM DYER: Yes.

10 CHUCK CASTO: Originally when they told me
11 they said, you know, that it was 9 o'clock, but obviously
12 they worked out 9:30.

13 JIM DYER: Oh.

14 CHUCK CASTO: My time.

15 JIM DYER: Yes. Is this working for you?

16 CHUCK CASTO: Yes, it works for me. It's
17 not a problem. You know, in fact, it's great. It's
18 not a problem at all. It gives me time to get back from
19 the cabinet meeting and get my notes together, grab a
20 little bite, and then we have the call, so it works.

21 JIM DYER: Okay.

22 CHUCK CASTO: So I won't spill all the beans
23 right now, I'll just call back in at 8:30.

24 JIM DYER: Yes. Is there anything hot?

25 CHUCK CASTO: No, not really. Some

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1 progress today, that was good.

2 JIM DYER: Yes.

3 CHUCK CASTO: So, you know, starting to
4 make a little bit of progress on getting some diverse
5 pumping systems and a little bit of progress on flooding,
6 so I'm feeling good today.

7 JIM DYER: Good. Well, I'm going to review
8 it with him with the Chairman and Marty when they get
9 here, but you know going to our daily sitrep report?

10 CHUCK CASTO: Right.

11 JIM DYER: We picked a time. One of the
12 things that they were talking about at the IPC meeting
13 in the White House yesterday was trying to get our
14 reports out earlier.

15 CHUCK CASTO: Yes, I remember we changed
16 that report because part of our battle was, and I don't
17 remember what it was now, but, you know, I asked them
18 to get it out earlier because it cycled into our battle
19 in which it either is, and this will be confusing, but
20 the first meeting I have is at 9:30 in the morning, which
21 is 8:30 in the evening for you --

22 JIM DYER: Yes.

23 CHUCK CASTO: -- and then the next one I
24 have is 6:00 p.m., which is, whatever that is, 5:00 a.m.

25 JIM DYER: Okay.

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1 CHUCK CASTO: So, you know, I think we
2 originally adjusted it for our battleism, but whatever
3 you guys need to do. What is it getting out now? Do
4 you know?

5 JIM DYER: What time is what getting --

6 CHUCK CASTO: The sitrep.

7 JIM DYER: Oh, we put it out at noon.

8 CHUCK CASTO: Okay. So that's, like, 1:00
9 a.m.

10 JIM DYER: But that was just our proposal
11 to, you know, give us plenty of time to get it done after
12 we completed the activities with you this morning.

13 CHUCK CASTO: Yes, that's fine. You know,
14 I can work around whatever it is because, you know,
15 things change anyhow; our times change, like, tomorrow
16 morning it's earlier, then over the weekend it's later.
17 It's not until 11 o'clock. You know, the ambassador
18 meetings, you know, they tend to change a lot, as you
19 might imagine.

20 JIM DYER: Yes. We're just falling all
21 over ourselves here to try and get organized, as you
22 can imagine.

23 CHUCK CASTO: Yes. Well, we're doing a
24 good job though, Jim.

25 JIM DYER: Yes. Good. You guys are doing

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1 great.

2 CHUCK CASTO: Well, the agency is doing
3 great, and I'll share that with the Chairman. I'll
4 leave that little surprise for the Chairman.

5 JIM DYER: All right.

6 CHUCK CASTO: I'll tell him first. Okay.
7 I'll call back in at 8:30, Jim.

8 JIM DYER: Sounds good. Hey, have a good
9 day.

10 CHUCK CASTO: Talk to then. Now, that's
11 8:30 tonight, right? I mean, it's in 30 minutes.

12 JIM DYER: Yes. Right.

13 CHUCK CASTO: Okay.

14 JIM DYER: See you then.

15 CHUCK CASTO: I'll call back in then.

16 Thanks.

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(CONFERENCE CALL INITIATED)

0 (@W5N) 613765094

MARTY VIRGILIO: Hey, guess what?

JIM DYER: Hey, Marty.

MARTY VIRGILIO: Every time I look at this,
another piece of paper that I have no idea where it's
coming from. (b)(5)

MALE PARTICIPANT: Oh, the white paper
wanted by 2:00 p.m. this afternoon?

MARTY VIRGILIO: Is that the timeline?

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1 MALE PARTICIPANT: No, I haven't seen that
2 one.

3 MARTY VIRGILIO: Oh, okay.

4 MALE PARTICIPANT: Well, I don't know about
5 that one.

6 JIM DYER: This is the (b)(5)

7 MALE PARTICIPANT: Oh, yes. That's the
8 same one, yes.

9 JIM DYER: Okay.

10 MALE PARTICIPANT: I got the gist on that
11 one.

12 JIM DYER: I put together a little package
13 for you. This is what we generated --

14 MALE PARTICIPANT: I got it.

15 JIM DYER: My understanding is, this is
16 generated by the ambassador's staff --

17 MALE PARTICIPANT: Right.

18 JIM DYER: -- and had already been vetted
19 by everybody.

20 MALE PARTICIPANT: Well, yes, it had.

21 JIM DYER: And all of a sudden, then this
22 thing pops up.

23 MALE PARTICIPANT: Well, yes, in the
24 background I was going to talk about that. It was on
25 the IPC call last night.

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1 JIM DYER: Right. Right.

2 MALE PARTICIPANT: What happened was, it
3 is now with Ambassador Kennedy, not Ambassador Kennedy,
4 Under Secretary Kennedy, for approval.

5 JIM DYER: This or this?

6 MALE PARTICIPANT: The one-pager in
7 whatever final form we end up in.

8 JIM DYER: Right. Right. Okay.

9 MALE PARTICIPANT: And he hasn't acted on
10 it.

11 JIM DYER: Right.

12 MALE PARTICIPANT: And what the State
13 Department said is, he will not act on it, or will not
14 go forward, until he has a full document support with
15 technical analysis from the scientific community. And
16 so this is (b)(6) attempt to put together this,
17 and what they did was, they asked us to give it to them
18 verbally. Under Secretary Kennedy wasn't on the call.

19 I couldn't tell who was from the State Department, but
20 they were representing him, I guess --

21 JIM DYER: Okay.

22 MALE PARTICIPANT: -- and they said, he's
23 not going to sign off until the scientific community
24 -- and then a General from the Secretary of Defense's
25 Office said the same thing, they want that before they

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1 start moving military dependents back into Tokyo. So
2 I said, okay -- so what I told them was, the NRC fully
3 supports -- well, first of all, you know, from a
4 radiological standpoint, we never thought we needed to
5 go beyond 50 miles.

6 And I said, given where we were when we got
7 to 50 miles that, it's now been a month, you do not have
8 the reactor heat to generate the dispersion, the driver
9 if you would, to push the -- you've now got at least
10 ten hours to act, your response times are longer before
11 you can get the onset of fuel, and the plant conditions
12 are much more habitable to get back to that.

13 So, you know, like I said, from a
14 radiological standpoint, we never had a concern beyond
15 50, and it's better now than when we got to 50. I held
16 up on not pushing the -- we were, in fact, working on
17 something, a discussion document, I didn't want to
18 confuse them. It was getting late. It was already
19 6:30. They went till 6:30. It was supposed to be till
20 5:30. (b)(5)

21 (b)(5)

22 Mike had told me, hey, this thing, you just
23 sit there and have to take notes, and this will go boom,
24 boom, boom, boom, you know? Okay. So (b)(6)
25 started off and said, well, the first thing we want to

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1 do is talk about plant status, DOE? Nobody was there
2 from DOE. Okay. NRC, you give us a plant status. So
3 I just started winging it. I didn't have my status
4 sheet, so I just started winging it.

5 But what they really wanted to get down to,
6 the big driver, was to explain the 5 to 7, and I said,
7 well, in common layman's terms, they took three 5s and
8 made it a 7 on scaling it up. Instead of taking three
9 individual plant evaluations, they're now giving us site
10 evaluations of 7, and then (b)(6) jumped in and,
11 you know, he sent out an email summarizing it, but it
12 was from the table from the back of the -- you know,
13 about the total iodine and things like that.

14 I just said, well, they took three 5s and
15 made it a 7 and that was it. And I said, it's still
16 only 10 percent of Chernobyl.

17 JIM DYER: Right.

18 MALE PARTICIPANT: So he said I (inaudible)
19 timing (inaudible).

20 JIM DYER: So I don't think that'll be that
21 hard.

22 MALE PARTICIPANT: What's our action on
23 that?

24 JIM DYER: So I had asked the reactor safety
25 team when I came in here to think about just putting

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1 down some thoughts, so I asked them at noon today. They
2 gave us till 2:00, but I wasn't going to farm that out
3 to anybody. We could probably just do it.

4 MALE PARTICIPANT: Yes. I think we do
5 enough for the site team. I think some of the things
6 that sort of struck me was the quantitative values.
7 I don't know where that's coming from.

8 JIM DYER: Well --

9 MALE PARTICIPANT: My only problem is, you
10 know, sixteen-fold, two and a half times, that's a level
11 of precision that we may have, but I haven't seen it.

12 MALE PARTICIPANT: That's why I gave it to
13 the PMP and the --

14 MALE PARTICIPANT: Okay. Because I simply
15 said to the quantitative aspect to it, this piece, a
16 diesel generator is available for backup? I've not seen
17 that dark situation before.

18 MALE PARTICIPANT: Well, they have a
19 portable diesel.

20 MALE PARTICIPANT: Yes, I think we need to
21 -- now, here we're saying --

22 MALE PARTICIPANT: What I told them was
23 that they were trying to get some in.

24 MALE PARTICIPANT: Yes. And they had
25 portable diesels on site, but I don't know if you can

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1 use them to power up the pumps they have, because when
2 they lost offsite power, they were thinking about
3 bringing back the pumper truck.

4 MALE PARTICIPANT: Right.

5 MALE PARTICIPANT: They weren't thinking
6 about latching up to the diesels, so that makes that
7 (inaudible) suspect. And then they talk about reliable
8 method for adding fresh water? Chuck is saying, we
9 don't have a reliable method there. All we have is
10 hoses. We have a method, but I'm not sure it's reliable.
11 That's implying that we're at, sort of like, stage 1,
12 phase 1 or phase 2, stability, which we're not.

13 And the six to ten days, I'm not sure where
14 that -- I think that's reasonable, but I don't know if
15 there's any evidence --

16 MALE PARTICIPANT: (Inaudible).

17 MALE PARTICIPANT: Yes, has anybody done
18 a calculation that we're aware of?

19 JIM DYER: Well, I thought it was -- we can
20 ask.

21 MALE PARTICIPANT: And then the wet sand,
22 I agree what's represented here.

23 JIM DYER: (b)(5)

24 MALE PARTICIPANT: Yes. Okay. This
25 outline that Chuck has, I don't know if they're doing

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1 their own thing or they're relying on the pieces we're
2 developing. (b)(5)

3 (b)(5)
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13 MALE PARTICIPANT: Well, yes.

14 MALE PARTICIPANT: And then the other
15 thing, the last thing I'll leave you with is, this
16 summary of the IAEA presentation, I thought it was pretty
17 good, but again, they've got stuff in here that I'm not
18 sure that we know about. And their radiation
19 monitoring, I just wonder if Trish and, I don't know
20 who's here from our protective measures team, does this
21 match our composite document? Do we align with these
22 values or not?

23 JIM DYER: Yes, I'd ask, but, you know,
24 we're getting so many reports and some of the stuff,
25 I sent an email this morning and I said, you know, on

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1 some of this stuff, like Chuck's assessment, where
2 they're sending it to is no longer a valid address,
3 (inaudible) is gone as far as (inaudible).

4 MALE PARTICIPANT: But what's a valid
5 address here?

6 JIM DYER: Well, I'm not sure it's not
7 changing.

8 MALE PARTICIPANT: Okay.

9 JIM DYER: OST1 is the one that I'm relying
10 on. All right. So basically, everything goes into the
11 support and they're managing the tasker, so it's sort
12 of like a combination action officer, administrative
13 support, you know, but some of the infrastructure stuff
14 that we got -- so the thing I wanted to talk to you about
15 that had me concerned is, Wiggins, apparently, made
16 recommended changes to the stability documents;
17 centralized stability documents --

18 MALE PARTICIPANT: Okay.

19 JIM DYER: -- based on aligning phase 1 so
20 it would align perfectly with grab-and-go.

21 MALE PARTICIPANT: Okay. They were
22 thinking about that last night when I left, but that
23 makes sense.

24 JIM DYER: Yes, well, what I'm afraid of
25 is, remember, the original stability document was

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1 something that we provided so we could engage NISA.

2 MALE PARTICIPANT: Right.

3 JIM DYER: So now, if we're changing the
4 stability document and making it less -- phase 1 will
5 now be less aggressive than it previously was. It
6 started off in one and then we tried to use it for our
7 composite. Now we're modifying the stability phases
8 to align with our composite.

9 MALE PARTICIPANT: We don't have to do
10 that. You can pick and choose the stability document
11 --

12 JIM DYER: Well, that's what I'm saying.

13 MALE PARTICIPANT: -- and this is when I
14 left last night.

15 JIM DYER: Right. And I'm saying, what I'm
16 afraid of is, we're going to get configuration control
17 on phase 1 and phase 2 --

18 MALE PARTICIPANT: Right.

19 JIM DYER: -- and what we really need to
20 have is, create, on the next rev of the composite, that
21 we need to just pull out, and quit calling it phase 1
22 and phase 2, and have grab-and-go criteria, and have
23 permanent re-entry criteria, and divorce it from the
24 earlier document that we provided.

25 MALE PARTICIPANT: It could be a menu.

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1 Phase 1 and phase 2 could be a menu of things that you
2 select to support grab-and-go.

3 JIM DYER: Right.

4 MALE PARTICIPANT: That doesn't have to be
5 in alignment and when I left last night I left them
6 thinking about that because the way that the composite
7 was written last night, it was phase 4, so long-term,
8 it was phase 1 plus a series of --

9 JIM DYER: Right. Phase 1, plus cold
10 shutdown, plus --

11 MALE PARTICIPANT: Yes, but it wasn't all
12 of phase 2.

13 JIM DYER: Right. And I was done with
14 that, but apparently, then they decided -- so on
15 mid-shift they decided to update it to better align phase
16 1 and 2 with short-term entry and long-term --

17 MALE PARTICIPANT: And I was worried that
18 phase 2 was beyond what you needed to support retreat
19 from the 50 mile and would be years.

20 JIM DYER: Oh, yes.

21 MALE PARTICIPANT: It'll be years before
22 you get to phase 2.

23 JIM DYER: And so I haven't seen it yet,
24 Wiggins just told me they -- but I just think --

25 MALE PARTICIPANT: You're right.

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1 JIM DYER: And this is even a bigger issue
2 that we got to get in and out of, and we got (inaudible).
3 We have to get the reactor stability assigned to NRR.
4
5
6

7 (CONFERENCE CALL INITIATED)

8 0 (@WU79613765094

9 MALE PARTICIPANT: Chuck Casto is coming
10 up to the ET bridge. Mr. Casto, you should be up on
11 the bridge. Mr. Casto, you're up on the bridge.

12 CHUCK CASTO: Good morning.

13 JIM DYER: Morning, Chuck.

14 MARTY VIRGILIO: Good evening, Chuck.

15 CHUCK CASTO: Morning, Marty and Jim. How
16 are we doing?

17 JIM DYER: All right. How are you doing?

18 CHUCK CASTO: Great. I had a productive
19 day, so I'm happy.

20 JIM DYER: Okay. Good for you. I invited
21 the rest of the day shift team in here to hear it straight
22 from you.

23 CHUCK CASTO: Good. That's good. Very
24 good. I have lots of good news.

25 JIM DYER: Do you want to go ahead?

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1 CHUCK CASTO: Whatever you want to do. Is
2 the Chairman going to come on later?

3 JIM DYER: Yes, he's targeted about 8:45,
4 but yesterday, he got in about five minutes to 9:00,
5 so he has a staff meeting at 8:30, and so as soon as
6 that's over I guess we pick him up.

7 CHUCK CASTO: Okay. Let's see. As I go
8 through this I'll go through it again with him, I guess.

9 I'm trying to see if there's something we need to talk
10 about that I can give you a little bit more detail on.

11 They tried to characterize the spent fuel pool number
12 4 today, and they flew over it with the UAV, and the
13 water level was a lot lower than they expected it to
14 be.

15 I think the number is, like, 2 to 2-1/2
16 meters over the top active fuel. You know, earlier we
17 had heard that it was 7 to 8R at the top of the spent
18 fuel pool, so we knew the water level went low, either
19 that or there was, you know, fuel on top of the spent
20 fuel pool. So there was about 2 meters of water on the
21 top and we knew from, let's see, who did the analysis?

22 I think it was INEL that did the analysis that said
23 that TEPCO had underestimated the heat lower that's in
24 the those pools by about 30 percent. That appears to
25 be true that they underestimated.

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1 You know, they gave us some calculations
2 the other day (b)(5)

3 (b)(5)
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11 There's no way, with those drafts, you know,
12 that they could be, you know, within a couple of
13 significant digits of matching the heat rate. So,
14 basically, what they were doing was, it was kind of
15 circular logic. They would tell them to put in 40 tons
16 and they would come back and say, we're putting in 40
17 tons and so they were basically just echoing the answer
18 back to themselves.

19 JIM DYER: Hey, Chuck?

20 CHUCK CASTO: What's that?

21 JIM DYER: Chuck, that's important because
22 one of the documents we got from the, you know, (b)(5)

23 (b)(5)
24
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1 MARTY VIRGILIO: Allowing Americans --

2 JIM DYER: -- allowing Americans back into
3 Tokyo, you know, the State Department? (b)(5)

4 (b)(5)

5
6 CHUCK CASTO: Yes, it's 2.3 megawatts,
7 something like that, for Unit 4. And you got to look
8 at the isotopic analysis, you know, and everything; the
9 amount of energy that's available to drive the isotopes
10 and, you know, we know that, like, on most of the
11 reactors, all the volatiles are gone now. You know,
12 they're either entrained in the water or they were
13 released.

14 So if there's another event, you're not
15 going to get a lot of volatiles. Those have already
16 been released.

17 JIM DYER: Yes.

18 CHUCK CASTO: You know, a metal core
19 analysis gives us all that information and we believe
20 that, once you look at the metal core analysis that --
21 well, we haven't done, obviously, the dose projections,
22 but you can look and see how much it projects to how
23 much curie load is left and how much energy is left,
24 and you can pretty much do the math on how big the release
25 would be, and, you know, it's never going to threaten

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1 Tokyo.

2 (b)(5)

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9 JIM DYER: Yes, well, what they want is some
10 kind of piece of paper from the scientific community
11 that says it's okay.

12 CHUCK CASTO: Yes, and the metal core can
13 do that, and that's part of what we're doing with this
14 assessment that we're trying to put together is, you
15 know, give us scientific -- you know, and the other issue
16 is, it was a physiological reason that we evacuated the
17 dependents from Tokyo and now they want to use a science
18 reason to bring them back.

19 JIM DYER: Right. Well, yes, that's what
20 I told them last night, but they want a quantitative
21 number, so we're working that today.

22 CHUCK CASTO: Well, you have to do the dose
23 projections they won't let us do, you know, based on
24 what the metal core runs say. So it's been a real --

25 FEMALE PARTICIPANT: I think they should

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1 use the data from the embassy.

2 JIM DYER: Okay.

3 CHUCK CASTO: Well, yes, you can use actual
4 data from AMF and then the backpacks, they started
5 installing the backpacks today. I think they got seven
6 of them installed, so that data will start pouring in.

7 MARTY VIRGILIO: Chuck, who's providing
8 that equipment?

9 CHUCK CASTO: I think DOE is providing the
10 backpacks. They're putting them in police call boxes
11 because they need power, so they put them in police call
12 boxes, little samplers, and I think they installed seven
13 today. And they're continuing tomorrow, so when that
14 data starts coming back we can get real live data on
15 sampling.

16 Now, the number 4 spent fuel pool, the water
17 sample they took today, they could not see under the
18 water because the water was not clear enough to be able
19 to judge the condition of the fuel. They did take
20 isotopic samples and that should be back within 36 hours
21 of when they took the sample today. And I think we have
22 some initial samples of that and there was some iodine
23 in that water, which is somewhat interesting that
24 there's iodine in there.

25 MARTY VIRGILIO: Why so?

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1 CHUCK CASTO: Well, you would think the
2 iodine, with the half-life, would be gone.

3 MALE PARTICIPANT: Yes, seven, eight days,
4 yes.

5 JIM DYER: Would that indicated that they
6 may have had a criticality when they filled the pool
7 with fresh water?

8 CHUCK CASTO: I really didn't want to say
9 that, but, yes, that could indicate that.

10 JIM DYER: Yes.

11 CHUCK CASTO: So we're waiting on that
12 isotopic analysis. You know, this may be very low
13 levels of iodine and --

14 JIM DYER: Yes, that could be, like,
15 sub-critical multiplication or something like that.

16 CHUCK CASTO: Yes, right. It could be
17 sub-critical and so we really need to see what the
18 concentration is before we make any conclusions.

19 MARTY VIRGILIO: Okay, Chuck, switching
20 topics, this analysis that was developed (b)(5)

21 (b)(5)
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1 square with what I understand the condition at the site
2 is.

3 CHUCK CASTO: Yes, somebody wrote that down
4 today. We read that today on a piece of paper and we
5 don't think that's correct because tonight, in the
6 cabinet meeting, they actually brought that issue up
7 and said that, let me get my notes here, they are going
8 to install several diesels and they're actually going
9 to have a portable diesel above, they said it was a
10 truck-mounted diesel, the tsunami line.

11 JIM DYER: Hey, Chuck, you know, what I'm
12 afraid of is that (b)(5)

13 (b)(5)

14 (b)(5)

We viewed that as a good

15 thing.

16 CHUCK CASTO: Right.

17 JIM DYER: And it may be that they've
18 extrapolated that that they're already there.

19 CHUCK CASTO: Yes, that could be, because
20 tonight they said --

21 JIM DYER: But I think we've got to clarify
22 that this is still a plan, but it's headed in the right
23 direction.

24 CHUCK CASTO: Right. They said tonight
25 that we are going to bring in multiple sources of power,

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1 including emergency diesel generators, both for
2 Fukushima and all the sites, they're bringing multiple
3 diesel generators in, and that they would bring an
4 electric vehicle, they called it, I think that's
5 probably a trailer-mounted diesel, and keep it above
6 the tsunami line as a backup.

7 You know, and the other night when they lost
8 offsite power, they were without injection for 50
9 minutes, you know, we just don't believe there's any
10 backup power there in terms of diesel generators. We
11 want that, and that's what they've agreed to do, but
12 we don't believe that it's currently installed.

13 MARTY VIRGILIO: Okay. That was our
14 understanding. And they classify the system is
15 reliable when you're still relying on hoses, as I
16 understand we are, I'm stretched.

17 CHUCK CASTO: Yes. And we don't call that
18 reliable, no. And, you know, clearly, for a reduction
19 of the 50-mile, we believe they ought to reach phase
20 1 stability. I think we've all agreed to that, but the
21 Tokyo thing, it doesn't rely on stability. We're trying
22 to use, you know, what's the actual potential today?

23 MARTY VIRGILIO: Right. And that's why I
24 sort of like the original write-up by the ambassador,
25 which was less quantitative, more qualitative, and I

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1 think everybody could align to that, so this notion that
2 we have to have the scientific community develop
3 something that we really don't need, I'm not sure where
4 that's coming from.

5 JIM DYER: (b)(5)

6 (b)(5)
7
8
9

10 CHUCK CASTO: Is that Joe Donahue?

11 JIM DYER: There was a General and then
12 Under Secretary Kennedy at the State Department.

13 CHUCK CASTO: Yes, Kennedy, yes. And then
14 Kennedy, I think the ambassador sent his note to Kennedy.

15 JIM DYER: Right. And he won't act on it
16 until he gets something from OSTP, the NRC, and DOE that
17 provides a rigorous analysis of why we don't think it
18 is, and then the Department of Defense piled on top of
19 that that they wanted a quantitative, and State
20 Department said yes, and they sort of got into a fueling
21 cycle, you know, of cumulatively compounded the
22 discussion that they want to put a scientific -- and
23 so (b)(6) put together this one-page
24 thought paper that we got for comment by 2 o'clock this
25 afternoon, and we're going to work on that and give them

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1 what we can.

2 I mean, I think we ought to start off and
3 say, you know, hey, (b)(5)

4 (b)(5)
5

6 CHUCK CASTO: Yes, the 1.8 super core shows
7 that Tokyo is not threatened, because I think that's
8 the frustration out here is, you know, an assumption
9 that was long ago of 1.8, which the energy level has
10 dropped quite a bit, shows no threat to Tokyo, so, you
11 know, why do we need more science?

12 JIM DYER: Yes.

13 MARTY VIRGILIO: Yes. Hey, I want to go
14 back to something you said, quickly, is that, in your
15 mind, phase 1 stability is good enough for a relaxation
16 of the 50-mile?

17 CHUCK CASTO: Well, I think we talked --
18 yes.

19 MARTY VIRGILIO: If you are.

20 CHUCK CASTO: Yes, I think, certainly,
21 phase 1 plus flooding is, you know, relaxation of 50
22 miles; I think.

23 MARTY VIRGILIO: At one point we were here,
24 but I know that some folks were working under the notion
25 that we needed phase 2 to get to relaxation of the

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1 50-mile, and that's a long time off.

2 CHUCK CASTO: Phase 2 is a long way. I
3 think, you know, you would consider it with a robust
4 -- you know, it goes back to the PRA thing. If you had
5 the robust supply of water, diverse supply of water,
6 that gets you one or two orders of magnitude. If you
7 flood, that gets you two or three orders of magnitude.
8 And, for me, I'll take that. You know, 1 in a 1000
9 to 1 in 10,000, I'll take that to relax the 50 miles.

10 MARTY VIRGILIO: Yes, that wasn't the path
11 that we were on yesterday, at least at 8 o'clock last
12 night. People were leaning toward phase 2 and I was
13 thinking that that's a little extreme.

14 CHUCK CASTO: No, I think one, you know,
15 either to the minus three or minus four, I'll take that
16 for 50 miles.

17 JIM DYER: Yes, and, Chuck, what I'm afraid
18 of, Wiggins told me on the turnover that they've revised
19 the simplified stability criteria? Did they send that
20 to you?

21 CHUCK CASTO: I think so. I think they
22 did.

23 JIM DYER: Okay.

24 CHUCK CASTO: Yes, I have it right here.
25 Phase 1 stable, and this is as of 4/9, 1000 hours.

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1 JIM DYER: 4/9?

2 CHUCK CASTO: Yes, that's what it said.

3 JIM DYER: Yes, this would have been
4 something he would have sent down on 4/11 or 4/12.

5 CHUCK CASTO: No, no, I'm wrong. Down at
6 the bottom, this thing has two dates, it's got two dates,
7 it has 0600 on April 11th.

8 JIM DYER: All right. Let's find a --

9 MARTY VIRGILIO: I'll send him the --

10 JIM DYER: Well, let's hold off.

11 MARTY VIRGILIO: Yes, let's make sure we've
12 got the right thing to send him.

13 JIM DYER: What I'm concerned about, Chuck,
14 is, didn't you provide the phase 1/phase 2 to the
15 Japanese NISA for their consideration on strategy?

16 CHUCK CASTO: I think that's right.

17 JIM DYER: I mean, that was the original
18 purpose of that phase 1/phase 2.

19 CHUCK CASTO: Right.

20 JIM DYER: It was more
21 short-term/long-term goals

22 CHUCK CASTO: Right.

23 JIM DYER: (b)(5)

24 (b)(5)

25
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(b)(5)

And just try to decouple it from phase
1/phase 2 because (b)(5)

(b)(5)

CHUCK CASTO: I can see that. Yes, I think
we probably ought to keep the stability document just
for its original purpose, which is defining what is
stable.

JIM DYER: Okay.

CHUCK CASTO: And then wouldn't you use
protective measures kind of stuff to decide the, like
we normally do, for the 50 miles?

MARTY VIRGILIO: Well, it's a combination
of protective measures stuff, some reliability, and the
ability to provide cooling water to the core and the
spent fuel pools, and some confidence in the ability
to evacuate.

CHUCK CASTO: Yes, you wouldn't want every
item -- every item in phase 1 doesn't apply to the 50

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1 miles, if you know what I mean. I mean, there's things
2 in there you could not have and it wouldn't hurt you
3 --

4 MALE PARTICIPANT: Excuse me, folks. This
5 is the headquarters operations officer. The Chairman
6 is coming up to the bridge.

7 JIM DYER: Thank you.

8 MALE PARTICIPANT: Well, I think that's
9 significant to move forward. If we can align to that,
10 we'd be good.

11 MALE PARTICIPANT: Chairman Jaczko, you're
12 on the bridge.

13 GREGORY JACZKO: Great. Good morning.

14 JIM DYER: Good morning, Chairman.

15 GREGORY JACZKO: How were you, Jim?

16 JIM DYER: Pretty good. We've got Marty
17 and our team here and Chuck's on the phone.

18 GREGORY JACZKO: Okay. Great.

19 JIM DYER: I think from our perspective the
20 news is, and Chuck can correct me if I'm wrong, but at
21 least there was no significant earthquakes last night
22 --

23 GREGORY JACZKO: Okay. Good.

24 JIM DYER: -- which is different
25 information than we've had from the last two briefings

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1 that I've given you.

2 GREGORY JACZKO: Yes.

3 JIM DYER: I think, this morning, the one
4 thing we've got at 9:15 this morning, we're going to
5 talk to a Congressman Markey staffer that wants to
6 understand the reactor conditions a little more, to have
7 a dialog on the details from our sitrep reports. So
8 I'm going to talk to them at about 9:15 this morning
9 and understand what they want. But I think the
10 frustration is that we really just don't know. I mean,
11 not to the level of detail that they're asking the
12 questions about.

13 GREGORY JACZKO: Yes, okay.

14 JIM DYER: So that's the way we'll go for
15 it. One of the other things that's going is, yesterday,
16 we did hold a call with USAID and have, at least the
17 (inaudible) principle for the transition of the Japan
18 support team to the NRC.

19 GREGORY JACZKO: Okay.

20 JIM DYER: It's an OCSO lead with OIP.

21 GREGORY JACZKO: Yes.

22 JIM DYER: And so we're talking about it
23 and it's basically going to happen on May 1st --

24 GREGORY JACZKO: Okay.

25 JIM DYER: -- and we'll pick up the tab and

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1 make sure they've got everything. And then, last night,
2 I sat in on the IPC call.

3 GREGORY JACZKO: Yes.

4 JIM DYER: And a couple things. The big
5 discussion that we had was the explanation for the INES
6 change from 5 to 7.

7 GREGORY JACZKO: Yes.

8 JIM DYER: I gave them a simplified, you
9 know, three 5s turns into a 7 when you consider it one
10 event.

11 GREGORY JACZKO: Yes.

12 JIM DYER: But they were kind of still
13 wrestling with that. OMB is still working on this
14 reimbursement plan with the Japanese.

15 GREGORY JACZKO: Okay.

16 JIM DYER: (b)(5)

17 (b)(5)
18
19
20
21
22
23

24 The other thing is that, they were working
25 this morning, (b)(5)

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1 (b)(5)

2
3 GREGORY JACZKO: Okay. Good.

4 JIM DYER: And he will not concur on it
5 until he has a detailed technical analysis from the
6 scientific community and he identified that as NRC, DOE,
7 and OSTP.

8 GREGORY JACZKO: Okay. Good.

9 JIM DYER: And then the Department of
10 Defense seconded the need for that and even emphasized
11 more the quantitative and rigorous nature of it before
12 they return their dependents to Tokyo.

13 GREGORY JACZKO: Okay.

14 JIM DYER: And then they've got other sites
15 also. I made the point that, from a radiological
16 standpoint, (b)(5)

17 --

18 GREGORY JACZKO: Right.

19 JIM DYER: -- and conditions are better now

20 (b)(5)

21
22
23 GREGORY JACZKO: Yes.

24 JIM DYER: But it appears that they want
25 something in writing from all of us saying there's not

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1 a problem.

2 GREGORY JACZKO: Okay. Are you guys
3 working on that then?

4 JIM DYER: Yes, sir. As a matter of fact,
5 (b)(6) put out, like, a one-pager that
6 we're going to comment on. It's due by 2:00 p.m. this
7 afternoon.

8 GREGORY JACZKO: Okay. Now, Mike Weber,
9 in this morning's meeting, mentioned to me the one-pager
10 and he was less positive about the quality of the
11 one-pager.

12 MARTY VIRGILIO: Well, that's because I
13 fueled him, Chairman. When I sat down with Mike this
14 morning I pointed to a number of things that I don't
15 think we agree to.

16 GREGORY JACZKO: Okay.

17 MARTY VIRGILIO: For example, in the paper
18 it talks about having diesel-generator-backed reliable
19 sources of water --

20 GREGORY JACZKO: Yes.

21 MARTY VIRGILIO: -- to provide and it's not
22 there yet.

23 GREGORY JACZKO: Right.

24 MARTY VIRGILIO: It's not there.

25 GREGORY JACZKO: Yes. Okay.

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1 MARTY VIRGILIO: So we need to make sure
2 it's factually accurate.

3 GREGORY JACZKO: Okay. Good. Excellent.
4 And so you're all on top of that?

5 JIM DYER: Yes, sir. We're working it here
6 on the team and I think we can provide something for
7 them by 2 o'clock this afternoon. That won't be a
8 problem.

9 GREGORY JACZKO: Good. Perfect.

10 MARTY VIRGILIO: But, (b)(5)

11 (b)(5)

12 GREGORY JACZKO: Yes.

13 MARTY VIRGILIO: It's just now creating the
14 rationale. As Jim pointed out, this wasn't based on
15 a dose assessment.

16 GREGORY JACZKO: Right.

17 JIM DYER: Yes. And I think what's really
18 causing it, from a dependent standpoint, is, apparently,
19 the school in Tokyo has told them if they aren't back
20 by some date certain, then they're going to not graduate
21 from high school --

22 GREGORY JACZKO: Right.

23 JIM DYER: -- or proceed to the next year
24 without summer school, and so it's caused a lot of angst
25 on the parts of the dependents.

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1 GREGORY JACZKO: Got it.

2 JIM DYER: So they do not want to -- I guess,
3 apparently, it automatically renews for another 30 days
4 if the Under Secretary doesn't stop it by April 15th.

5 GREGORY JACZKO: Got it. And see, what I
6 had been told earlier was that it automatically expires,
7 so I guess that's probably the new information that's
8 driving it then.

9 JIM DYER: Yes, or maybe that's just what
10 their policy is that, absent some technical document,
11 they weren't going to do it.

12 GREGORY JACZKO: Yes, okay.

13 JIM DYER: They were going to automatically
14 renew it.

15 GREGORY JACZKO: Okay. Good.

16 JIM DYER: Along that line, that was most
17 of the discussion. We did not get into the difference
18 on re-entry inside of 50 miles.

19 GREGORY JACZKO: Okay.

20 JIM DYER: And they ran out of time on it.
21 The other thing to note was, is that, they wanted to
22 open the discussion about reducing the amount of
23 reports, you know, from three and four a day to one a
24 day.

25 GREGORY JACZKO: Yes.

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1 JIM DYER: And when it came to me I said,
2 oh, we've already done it. But I explained why we did
3 it and why we were issuing one at noon. They didn't
4 have a problem with that, but the general request was,

5 (b)(5)
6

7 GREGORY JACZKO: Okay.

8 JIM DYER: So we were talking with Chuck
9 and maybe we'll, rather than wait till after this call
10 to start it, maybe we'll move it up earlier in the day
11 shift.

12 GREGORY JACZKO: Okay. Good.

13 JIM DYER: And that's pretty much all I had.
14 Chuck, do you have --

15 CHUCK CASTO: Yes, instead of starting with
16 the plan, let me just add a little bit to Jim's discussion
17 about the voluntary departure. Everything, you know,
18 I agree, and we're aligned on everything that Jim said.

19 I will share with you that the staff, today, in the
20 embassy, we attend an emergency action meeting every
21 morning, it's sort of an all-hands thing, and we are
22 there for the technical expertise of the NRC, and there
23 was a definite uptick in the level of concern of the
24 employees about their dependents coming back.

25 Now, notwithstanding what Jim said, I mean,

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1 that's true, they all want to come back --

2 GREGORY JACZKO: Yes.

3 CHUCK CASTO: -- but since the last two
4 earthquakes and the INES rating change, which wasn't
5 communicated very well --

6 GREGORY JACZKO: Okay.

7 CHUCK CASTO: -- the rationale for that
8 change, the concern has risen among the employees here.

9 GREGORY JACZKO: Okay.

10 CHUCK CASTO: And I think, tomorrow,
11 they've asked us to participated in another town hall,
12 and if the dependents come back, they've asked us to
13 attend a series of town halls --

14 GREGORY JACZKO: Okay.

15 CHUCK CASTO: -- when the dependents come
16 back.

17 GREGORY JACZKO: And you're comfortable
18 doing that?

19 CHUCK CASTO: Oh, yes, sir.

20 GREGORY JACZKO: Okay. Good.

21 CHUCK CASTO: And, you know, we've got
22 great staff to do that, but the concern has grown.

23 GREGORY JACZKO: Okay.

24 CHUCK CASTO: Plant-wise, spent fuel pool
25 number 4, they flew the drone over, they identified that

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1 the water level was low in the spent fuel pool, as we
2 suspected, because the INEL and us believe they were
3 underestimating the heat low --

4 GREGORY JACZKO: Yes.

5 CHUCK CASTO: -- so it was 2 to 2-1/2 meters
6 above the top active fuel.

7 GREGORY JACZKO: Okay.

8 CHUCK CASTO: So it was over 5 meters low.
9 They were able to grab a sample. They're conducting
10 isotopic analysis of that sample and that should be back
11 within 36 hours of when they took the sample today.

12 GREGORY JACZKO: Okay.

13 CHUCK CASTO: So we'll know about the --
14 they were not able to see through the water to look at
15 the fuel condition itself. I mean, the water clarity
16 was too bad.

17 GREGORY JACZKO: Yes, okay.

18 CHUCK CASTO: They also thanked us for the
19 tungsten vest connection. They've been asking for
20 these tungsten vests and we found a supplier, and they
21 were very grateful that we were able to get them the
22 tungsten vests.

23 GREGORY JACZKO: Okay.

24 CHUCK CASTO: Actually, a complete suit,
25 not just the vest, but an actual suit. The vendor

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1 produces two a day at (b)(4) each and will increase their
2 production rate; for (b)(4) I would too. They started
3 installing the air sampling backpacks in the area around
4 the plant. They had seven installed today and they're
5 installing those in police call boxes because they have
6 power in those police call boxes.

7 So they're going to continue the next couple
8 of days and that'll give us a lot better sampling data
9 from around the plant, and that was all on that issue.

10 We had long discussions, engineer-to-engineer
11 discussion, today about that the need for redundant
12 power and diversity injection sources. Tonight, at the
13 cabinet meeting, they acknowledged that, said they were
14 moving forward on three different levels for redundant
15 power, and we, again, encouraged them to look at our
16 suggestions for diverse pump as well as the redundant
17 power.

18 So they seemed very positive about that,
19 so I think they'll do something on that. They've also
20 made more moves towards preparations for flooding
21 containment. We think they may actually be headed that
22 way.

23 GREGORY JACZKO: Good.

24 CHUCK CASTO: We've had some good
25 engineer-to-engineer discussions about that. They're

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1 having INPO and TEPCO come up with some plans for
2 flooding and then NISA and the NRC would review those
3 plans after those are complete.

4 GREGORY JACZKO: Okay. Good.

5 CHUCK CASTO: They put in the boom out in
6 the forebay, the booms and the sheets, to try to isolate
7 the plant from the sea. And today they actually
8 installed steel plates in addition to the booms and the
9 curtains, I guess they're called. We had made a
10 suggestion to isolate the plant from the sea as much
11 as they could, so they're installing the steel plates
12 and the curtains.

13 We also talked with them, very extensively
14 today, about severe action in the metal core. We
15 actually were able to get with JNES engineers, so the
16 engineer level, that meeting went many hours. They were
17 seeking to understand metal core and the severe accident
18 information. So Sandia and some of our people did an
19 excellent job on that.

20 GREGORY JACZKO: Okay.

21 CHUCK CASTO: So we've made a lot of
22 progress today, I think, on technical issues. Now I'll
23 move a little bit more to infrastructure. The technical
24 issues were really good. I think they're going to get
25 the redundant power, I think they'll look at diversity,

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1 and I think they'll consider flooding.

2 GREGORY JACZKO: Good.

3 CHUCK CASTO: So that's all big-time
4 progress today.

5 GREGORY JACZKO: That's great news, Chuck.

6 CHUCK CASTO: Tonight they talked about the
7 tracker, the equipment tracker we talked about last
8 night, they've turned it back over to us. They made
9 their change and turned it back over to us, and that
10 process seems to be working, so we're good there. And
11 as Jim said, they're still working the reimbursement
12 issue.

13 GREGORY JACZKO: Okay. Good.

14 CHUCK CASTO: (b)(5)

15 (b)(5)

16
17 GREGORY JACZKO: Yes, good.

18 CHUCK CASTO: We are in the final stages
19 of completing or interim comprehensive assessment of
20 where we're at. That document is just about finished
21 and we'll turn that back over to Marty and the gang back
22 there, and Jim. It has some very, I think, good insight
23 on where we stand right now and where future actions
24 should be directed.

25 GREGORY JACZKO: Good.

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1 CHUCK CASTO: That assessment is almost
2 ready to get Marty's buy-off on it and then after that
3 we would shop it around, socialize it as they say out
4 here, socialize it to interagencies, and let them take
5 a chop at it.

6 GREGORY JACZKO: Good. Excellent.

7 CHUCK CASTO: And we need to get the
8 insights from that to Mr. Hosano, you know, I think,
9 as quickly as possible --

10 GREGORY JACZKO: Okay.

11 CHUCK CASTO: -- because it really
12 emphasizes the need for redundant and diverse
13 injections, and emphasizes the need for flooding in a
14 whole different perspective, from a metal core and our
15 --

16 GREGORY JACZKO: Yes.

17 CHUCK CASTO: -- (inaudible) perspective.

18 GREGORY JACZKO: Good.

19 CHUCK CASTO: So I think we need to get with
20 that.

21 GREGORY JACZKO: When you say quickly, or
22 urgently, or whatever, the phrase you just used, what
23 does that mean to you; days, weeks?

24 CHUCK CASTO: Days, yes.

25 GREGORY JACZKO: Days, okay.

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1 CHUCK CASTO: I think, you know, within a
2 couple of days. He's not going to get the final, at
3 least not right away, product anyhow.

4 GREGORY JACZKO: Yes.

5 CHUCK CASTO: And it's got to be polished
6 and all that, but the insights aren't really going to
7 change.

8 GREGORY JACZKO: Right.

9 CHUCK CASTO: And I think, because of the
10 ten-hour time frame --

11 GREGORY JACZKO: Yes.

12 CHUCK CASTO: -- if you have a loss of
13 injection for ten hours, you know, you can have a serious
14 event?

15 GREGORY JACZKO: Yes.

16 CHUCK CASTO: And the fact that they don't
17 have the redundant power supplies up there, I think we
18 need to get the information in his hands --

19 GREGORY JACZKO: Yes, okay.

20 CHUCK CASTO: -- you know, as quickly as
21 possible.

22 GREGORY JACZKO: Okay.

23 CHUCK CASTO: You know, I haven't really
24 talked with Marty about this, but I would suggest that
25 we get the information in their hands as quickly as

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1 possible and we can work on the document.

2 GREGORY JACZKO: Good. Well, good. And,
3 Marty, if you have trouble with that time frame, let
4 me know, that timeline, getting responses out of the
5 interagency, and I'll elevate it.

6 MARTY VIRGILIO: All right. Thanks.

7 CHUCK CASTO: Mr. Hosano, again, like he
8 does most nights, touched base with me after the meeting
9 and he asked for another private meeting to review the
10 TEPCO short and medium-range plan.

11 GREGORY JACZKO: Okay. Good.

12 CHUCK CASTO: So I'm meeting with him
13 Friday. TEPCO wants to publish a plan, but Mr. Hosano
14 would like to have some eyes on it before they publish
15 it. We've already provided comments once, so this would
16 be the second time around.

17 GREGORY JACZKO: Okay. Good. And I spoke
18 with Ambassador Fujisaki yesterday, Chuck, so you should
19 know, and he, you know, again, asked me what is important
20 and I reiterated the importance of having a plan, and
21 that that's a very important piece. So that, hopefully,
22 is a message he'll convey back as well, and I don't think
23 I said anything inconsistent with what you've been
24 saying, but I kept it at a high level, but the importance
25 of having a long-term plan to get to a stable

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1 configuration.

2 CHUCK CASTO: Yes, sir. One other item I
3 missed on the cabinet meeting, I got out of order here,
4 I'm sorry.

5 GREGORY JACZKO: That's all right.

6 CHUCK CASTO: (b)(5)

7 (b)(5)

8 (b)(5)

We talked about that a little bit.

9 GREGORY JACZKO: Okay.

10 CHUCK CASTO: (b)(5)

11 (b)(5)

12 GREGORY JACZKO: Okay. I mean, you know,
13 I've been asked that question in the last couple of days,
14 well, the last day, and I stated, pretty much, that this
15 is kind of, no, nevermind. I mean, this is what,
16 basically, we've known for awhile. I mean, whether they
17 change this rating or not is irrelevant to how they're
18 responding to the situation and what the situation on
19 the ground is.

20 CHUCK CASTO: Yes, (b)(5)

21 (b)(5)

22
23
24
25 GREGORY JACZKO: Right.

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1 CHUCK CASTO: -- this is just, we looked
2 at the cumulative amount of radiation that was released
3 and it went over a certain number.

4 GREGORY JACZKO: Yes, right.

5 CHUCK CASTO: (b)(5)

6 (b)(5)

7 GREGORY JACZKO: Yes.

8 CHUCK CASTO: This is what Hungary had when
9 I was in there with Pox in that fuel damage event. You
10 know, (b)(5)

11 (b)(5)

12 GREGORY JACZKO: Right.

13 CHUCK CASTO: You know, and then, the
14 problem for us is, for the embassy is, that if people
15 think you're making your decisions based on, you know,

16 (b)(5)

17
18
19 GREGORY JACZKO: Right, yes. Absolutely.

20 CHUCK CASTO: So that's the, you know, sort
21 of the psychosis that you have to address. Just a couple
22 more items, folks.

23 GREGORY JACZKO: Hey, Chuck, if that's your
24 concern, don't read today's New York Times, because New
25 York Times wants to claim that I'm flip-flopping on all

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1 kinds of things.

2 CHUCK CASTO: I haven't read it. I don't
3 read that. The last thing I do is read the paper around
4 here. I haven't had time to read a menu, let alone read
5 a paper.

6 GREGORY JACZKO: I got chastised by the New
7 York Times because, at the hearing yesterday, I said
8 that, you know, we don't exactly know what the source
9 of the hydrogen is right now. It's possible it came
10 from the spent fuel pools. And I got in a back-and-forth
11 with a senator who knew better. And I simply said that
12 it's possible that, you know, all of these things will
13 be determined later, but, you know, it's unclear to me
14 what the exact source of the hydrogen is.

15 It's possible that it came from spent fuel
16 pools being uncovered and then you getting hydrogen
17 generation from the pools. And so, apparently, that's
18 a change in position of the commission.

19 CHUCK CASTO: Oh, really.

20 GREGORY JACZKO: Yes.

21 CHUCK CASTO: Well, that's quite an
22 interpretation.

23 GREGORY JACZKO: Yes.

24 CHUCK CASTO: Well, yes, good thing I don't
25 read it. Just a couple other things here.

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1 GREGORY JACZKO: Sure.

2 CHUCK CASTO: We've been asked to attend
3 the Secretary of State's meeting here at the embassy

4 --

5 GREGORY JACZKO: Good.

6 CHUCK CASTO: -- so we can represent the
7 agency and she can express her appreciation for the
8 agency's work.

9 GREGORY JACZKO: Right.

10 CHUCK CASTO: Then next week, on Tuesday,
11 the Secretary of the Navy will be here and he's asked
12 to meet with us to get a briefing. And then, probably,
13 one of the most significant things, I was told tonight
14 by the embassy chief of staff that the ambassador called
15 the President today --

16 GREGORY JACZKO: Okay.

17 CHUCK CASTO: -- to express his
18 gratefulness for the NRC's work here.

19 GREGORY JACZKO: Oh, good. That's really
20 nice.

21 CHUCK CASTO: Yes, that was great. So, you
22 know, he wanted to convey to the President that, you
23 know, the value of the NRC to him, and what we mean to
24 him, and how well that the NRC has done in its work.

25 GREGORY JACZKO: Well, good. You should

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1 be very proud of that, Chuck.

2 CHUCK CASTO: Well, the whole agency has
3 done a great job with it. They certainly appreciate
4 everything the agency has done.

5 GREGORY JACZKO: Good. Well, that's good
6 to hear.

7 CHUCK CASTO: Yes. That's it for me.

8 GREGORY JACZKO: Okay. Good. Marty,
9 Jim, anything else you all had?

10 JIM DYER: (b)(5)

11 (b)(5)

12 CHUCK CASTO: Never let a (inaudible) go
13 to waste.

14 GREGORY JACZKO: Right. Good luck with
15 that, Jim. Okay. Well, thanks, everybody.
16 Appreciate the hard work.

17 JIM DYER: Thank you.

18 CHUCK CASTO: Thank you.

19 GREGORY JACZKO: Bye.

20 JIM DYER: Chuck, anything else last
21 minute?

22 CHUCK CASTO: No, that's it. That's all
23 I got. You guys have a good day and if you need anything,
24 call me.

25 JIM DYER: Okay. Have a good night,

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1 please.

2 CHUCK CASTO: All right. Take care,
3 folks.

4 JIM DYER: Take care.

5 CHUCK CASTO: Yes.

6

7

8

9

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18 (CONFERENCE CALL INITIATED)

19 0(A-) 41_13765094

20 MALE PARTICIPANT: Want me to start?

21 MALE PARTICIPANT: Go ahead.

22 MALE PARTICIPANT: I suggested that we have
23 this meeting today primarily because I think that we've
24 discovered a number of changes in position, and I say
25 discovered, and I really don't mean that in a negative

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1 way, but as we've gone from one shift to another our
2 thinking has changed with respect to what to assign
3 stability when used in the context of what we've been
4 calling the composite document.

5 And the composite document is a document
6 that's put together to look at retreat from the 50-mile
7 evacuation decision that the NRC made. And so I think
8 what's happened is, each shift has come on, over the
9 last three or four shifts, with really good ideas about
10 what we should be doing, but we've not had the stability
11 and continuity that, I think, around this decision
12 making.

13 And this now calls, in my mind, this maybe
14 the first of many issues that we transfer the lead from
15 the ops center to the program office. And so the program
16 office now takes the responsibility for stability in
17 the broadest sense, but the near-term action is to define
18 stability in a context of this composite document.

19 Stability has been worked out through many,
20 I think, long and very good discussions that were led
21 by the reactor safety team, and that included from all
22 of the principle stakeholders, including those that
23 worked on some of the other assessments that we had,
24 so I'm not suggesting that we need to start all over
25 again, or if we do, like the program office suggests

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1 we do, I think we have to be mindful of all the
2 stakeholders that have bought into the stability
3 document that we have today.

4 Now, what we have not gotten stakeholder
5 buy-in on is, taking that stability document that
6 defines phase 1 stability and phase-2 stability, and
7 translating that into this composite document, which
8 is really all about retreat from the 50-mile evacuation
9 decision. So I guess there are a couple of things I'd
10 like to do in this meeting is, to get alignment around
11 the transition for stability from the operations center
12 to NRR, the program office, and then discuss stability
13 as it's used in the context of this composite document
14 as an objective.

15 If we can agree on the definition of
16 stability as used in the context of this composite, that
17 would be a success for this meeting. I don't know, Bill,
18 you know, how much involvement you've had in developing
19 the stability document in the phase 1/phase 2, or Pat,
20 you either.

21 MALE PARTICIPANT: Two shifts.

22 MALE PARTICIPANT: Okay.

23 MALE PARTICIPANT: Yes, at least two.

24 MALE PARTICIPANT: So I would assume you're
25 generally familiar with the stability document.

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1 MALE PARTICIPANT: Well, at least at one
2 of its incarnations. We were actually, I think on one
3 of the shifts that I was on, you know, we were trying
4 to make it more performance-related, performance
5 objectives as opposed to, kind of, the eaches. So why
6 don't we work on that, but that was the last time I was
7 -- you know, it's probably been about a week.

8 MALE PARTICIPANT: Okay. Jay, do you have
9 the latest version or is somebody making the latest
10 version, the copies, for us.

11 MALE PARTICIPANT: Making copies of the
12 latest version --

13 MALE PARTICIPANT: Actually, I was working
14 with Chuck. Chuck was on the shift when we worked on
15 that stability document.

16 MALE PARTICIPANT: Yes.

17 MALE PARTICIPANT: Chuck was on shift with
18 me Saturday night when we worked on that stability
19 document. He has changed a lot.

20 MALE PARTICIPANT: Well, I think the
21 composite document, it has evolved over the last several
22 shifts, or ten, and not in a continuous way. I mean,
23 I think every shift that's come on has had its views
24 about what we should have in order to say that it's good
25 enough to release from the 50-mile.

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1 Chuck, this morning, when Jim and I were
2 talking to him, he articulated his view that, if we had
3 a reliable mechanism for putting water into the core
4 and the spent fuel pool, and if they were flooded up,
5 he would see that that would be sufficient to relax the
6 50-mile evacuation, which is somewhere short of either
7 phase 1 stability, certainly, well short of phase 2
8 stability.

9 I don't know that we need to attach one of
10 those states to this decision. I think that those
11 states provide a whole list of attributes one might want
12 to select from in order to make different decisions.

13 There may be the case where it's very logical to say
14 that, wow, phase 1 stability, we need that in order to
15 do this, but there may be other cases where we need some
16 attributes from 1, or maybe all of 1, and some attributes
17 from 2 in order to support a decision that we're going
18 to make.

19 So it depends on the decision. I was
20 probably standing a lot of night shifts as that original
21 stability document was being forged and my understanding
22 at the time is that it represented both phase 1 and phase
23 2 as progress toward, you know, the eventual
24 decommissioning of this facility.

25 Phase 1, as I recall, was never really tied

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1 to any one event nor do I recall phase 2 being tied to
2 a specific event or a decision.

3 MALE PARTICIPANT: Some of our thinking
4 about phase 1 was the notion that there was, you know,
5 that the PACCOM had these task groups and, you know,
6 there was this notion that they wanted to leave, that
7 they didn't want to have the task groups ready to
8 evacuate people. They wanted to know when it was okay
9 that the task groups could go on to some other function
10 and not be sitting there ready to evacuate U.S. citizens.

11 So, I mean, that was, in our thinking, when
12 we were trying to wrestle with this question. Now, did
13 we get there? At least on my shifts, no, we never
14 actually got there, but we were trying to think about,
15 what are the, in fact, decisions that had to be made?

16 So, I mean, it is along the lines that you have, but
17 like I said, at least when I was on shift, we didn't
18 get there.

19 We never actually got to the point where,
20 okay, yes, this is the criteria that we needed to apply.

21 JIM DYER: When I got involved, I called
22 it a thought paper. Here's the things you ought to
23 consider and I think what it's gone to now is, here's
24 the decision document. When you meet these entry
25 criteria you can do this. You know, that's sort of the

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1 change last week.

2 MALE PARTICIPANT: And it's kind of like
3 getting -- the State Department was talking in terms
4 of (b)(5) or something, and so that's the way they
5 were thinking about it, and that was awhile ago, but
6 it's much more, kind of, hardline, kind of, this is the
7 line, it's a bright line.

8 MALE PARTICIPANT: And you could see those
9 two concepts coming together.

10 MALE PARTICIPANT: Right.

11 MALE PARTICIPANT: You know, I just saw
12 them both sitting out there and how they would be used
13 together or could be used together.

14 MALE PARTICIPANT: Right. I'm okay with
15 what you said, Marty. I mean, right, if 50-mile is the
16 criteria, that's the criteria, right? Relax the
17 50-mile. That's, you know, what has to be in place to
18 relax the 50-mile. That helps.

19 MALE PARTICIPANT: And right now, if I look
20 at, (inaudible) the numbers, but it would be the second
21 page of the paper, you can see, in bold, the second bolded
22 area, you see short-term re-entry protective action
23 recommendations and you see one recommendation has to
24 do with radiological criteria, one has to do with the
25 criteria for plant stability satisfied, and the third

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1 is the physical infrastructure is placed.

2 If you go down to the next bolded area you
3 can see, sort of, a parallelism; plant conditions meet
4 stability criteria, et cetera, et cetera. So then it
5 drives you to Enclosure 2, Enclosure 2 includes
6 simplified plant condition stability determination.
7 And I guess the challenge in front of us is Page 2 of
8 that enclosure. Do we need to have the 11 attributes
9 in place to support short-term entry and the relaxation
10 of the 50 miles?

11 Pardon me for going so slow, but this is
12 a version of the paper I haven't seen.

13 MALE PARTICIPANT: Well, same for me.
14 When I last was involved with this on Saturday we had
15 some discussions along the same line where these
16 specific attributes, you know, for relaxation of the
17 50-mile, we don't need every single one of these 100
18 percent. We've got to use some judgement.

19 And I think that the task ahead, and I
20 haven't read it since Saturday night, so I don't know
21 what the changes have been, but you've got to use some
22 judgement and rely on people more close to the source
23 so that, if I meet 1 through 6 and 70 percent of 7, and
24 80 percent of 8, and 9 and 10 are 50 percent, that's
25 good enough to allow a relaxation from, maybe, 50 down

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1 to the Japanese 30 kilometer (inaudible).

2 And then the 30 to 20, there's got to be
3 some reasonable judgements made. I just don't think
4 we can list A, B, C, D, and say these are absolutes,
5 because they're not absolute. Some of these you may
6 never have. At one point, for the, we call it the
7 grab-and-go, which is the relaxation, they had on there,
8 you know, no --

9 FEMALE PARTICIPANT: Well, the grab-and-go
10 is the short-term re-entry.

11 MALE PARTICIPANT: Right. Yes, I
12 understand. At one point, you know, they had on there
13 no loose surface contamination. Well, what does that
14 mean, no loose surface contamination? And so, you know,
15 I haven't looked at it since Saturday. I don't know
16 what it speaks today, but I think that's the idea that
17 popped into my mind, is that, you have to use judgement,
18 and there should be a preamble to discuss that, and these
19 are goals, certainly, some more important than others.
20 That's where I was on it.

21 MALE PARTICIPANT: Well, I can see if they
22 have, I think, re-entry procedures, right? So, I mean,
23 we must have somebody on staff that's familiar with the
24 kinds of things that they conclude in their area of the
25 entry procedures, so, I mean, that's one place I'd go

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1 just to, kind of, ground where we're at.

2 You know, I think this is very close. I
3 think this is, like, 90 percent there. Somebody's got
4 to make decisions about what it is. It is definitely
5 a reduced set than these and I'm thinking, do you see
6 it as part of this document or do you see it as a, kind
7 of, separate standalone, kind of, here's what we think
8 is the, basically, relaxation criteria?

9 MALE PARTICIPANT: Okay. I think that the
10 notion of the phase 1 and phase 2 plant stability was
11 developed and it could be a standalone document, and
12 from that, I think we need to extract what we believe
13 is necessary to support the decision on 50 miles and
14 incorporate it into this.

15 Just to let you know where Chuck was this
16 morning, he didn't have this document, but if you go
17 to that second page of the enclosure, which is Page 8,
18 now I see on that, he would have said, I need 1, 3, 4,
19 and 5; the water level, the functional and reliable
20 pumping equipment that's got a reliable power source,
21 and a clean source of water.

22 I mean, Chuck was ready to relax the 50 on
23 those four, you know, we call it a composite document
24 because there are many other features that go with the
25 other enclosures, but it when it came to stability,

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1 that's where he was at this morning.

2 MALE PARTICIPANT: I'm speculating now,
3 but also, isn't it the elimination of the unknowns that
4 we had when we first suggested the 50 miles?

5 MALE PARTICIPANT: And part of that is --
6 yes, it is. So it's not just these four, but some of
7 those unknowns are now, we have a better understanding.

8 MALE PARTICIPANT: I think we ought to look
9 at it.

10 MALE PARTICIPANT: Can I say something?
11 It sounds like we're trying three different things here.
12 We want to have the grab-and-go, we want to relax the
13 50 miles, and that's what the Japanese are saying, and
14 then we want to have permanent re-entry. Instead of
15 having phase 1 and phase 2, why don't we setup things
16 to match those three things we're trying to do?

17 MALE PARTICIPANT: I think we're trying to
18 force (inaudible), something that we designed. You
19 know, that one comment that I made when I was reading
20 through it on the introduction to Enclosure 2, that was
21 the original intent of phase 1 and phase 2, was to, you
22 know, start a dialog with NISA about what should their
23 goals be in the near-term and the long-term, you know,
24 goals for recovery of the site?

25 And then now we've sort of taken those and

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1 are trying to force fit them into grab-and-go and
2 permanent re-entry. You know, and I think I agree with
3 Chuck that, we ought to use that document, but we ought
4 to have the menu, and the use, but we get rid of using
5 the terminology phase 1/phase 2, because what I'm afraid
6 of is, last night on mid, I think the mid-shift changed
7 the definitions of phase 1 and phase 2, and when that
8 happens, now we've got a document that's in the hands
9 of NISA that talks about phase 1 and phase 2 in one set
10 of terms, and we've got a document that's embedded in
11 this that's talking about phase 1 and phase 2 in, maybe,
12 a different set of terms, you know, especially if we're
13 backing off of this, then, you know, we've given advice
14 to the regulator at one standard and then we're giving
15 another standard, calling it the same thing possibly,
16 and that's just a recipe for disaster as far as, you
17 know, consistent messages and everything else.

18 And then you've got another document that's
19 being develop and worked on by the reactor safety team
20 is assessing, where are the units? You know, the
21 reactor safety team assessment is, where are they once
22 we decide on these criteria, you know, how close are
23 they? What is our assessment of where we're at in those?

24 So, you know, it's kind of almost mission impossible
25 unless you've got standard criteria as to how you're

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1 going to get evaluate and that's why I think it's
2 important to do, sort of, like a configuration
3 management on that.

4 FEMALE PARTICIPANT: Yes. We're going to
5 have a meeting tomorrow about points of contact
6 (inaudible), so missed the bridge on this, but this
7 document needs to be worked out of, and all are reading
8 it, and not be circulating around shifts. You know,
9 and there only should be an (inaudible), which we haven't
10 fixed that yet either. The idea of us coordinating with
11 (inaudible), and we're in a transition week, so
12 (inaudible).

13 But there should be, you know, like when
14 you have your shift, and at the end of your shift you
15 should be talking to the admin assistant and
16 (inaudible), basically, and be in sync with regard to
17 what's going on in the line so the reactor safety
18 personnel we have in here (inaudible) coordinator
19 knowing what it is that NRR is doing, so that they're
20 not (inaudible) different managers on deciding what
21 (inaudible). I guess that's kind of a (inaudible) --

22 MALE PARTICIPANT: Yes.

23 FEMALE PARTICIPANT: And when we can get
24 to the point where that functions really good, then I
25 think the person who's down at the end of the table can

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1 be (inaudible) and not, you know, right now we're cycling
2 (inaudible) are all putting their own seasoning into
3 these documents and that's not what we want and they'll
4 never get out of that (inaudible) they will.

5 You know, we can get to a point -- yes, I
6 guess the vision is that NRR is probably going to have
7 to setup something over there or decide how you're going
8 to -- because it (inaudible) there may be others. I
9 don't know --

10 MALE PARTICIPANT: Yes, there will be
11 others.

12 FEMALE PARTICIPANT: -- what it's going to
13 be, so somehow we have to, kind of, (inaudible), and
14 I think we can get to a point, you know, and the idea
15 you'd be working a day shift with some overtime, not
16 around the clock, and not getting out of here. And even
17 when in here, I guess, (inaudible) you know, three
18 different (inaudible).

19 MALE PARTICIPANT: If the coordinator is
20 here we'll have to have a really good understanding of
21 what's going on in the day shift in the program office
22 so that when we talk to Chuck at midnight, or 1 o'clock,
23 or 2 o'clock in the morning our time, that we can have
24 an intelligent conversation with him about what's going
25 on in the line, and if Chuck's got some views, that

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1 information could be conveyed back to the line or if
2 the line has views, that information can be conveyed
3 to Chuck.

4 FEMALE PARTICIPANT: Right.

5 MALE PARTICIPANT: So it's got to be
6 somebody that's got a very thorough understanding about
7 what's going on at any given time on any project that
8 we're working in the line organization.

9 MALE PARTICIPANT: I would think that we
10 might find some utility in actually listening in on those
11 phone calls home. You know, we have a phone call with
12 Chuck --

13 MALE PARTICIPANT: It's established every
14 day now at 8 o'clock, or 8:30.

15 MALE PARTICIPANT: 8:30 at night or in the
16 morning?

17 MALE PARTICIPANT: In the morning.

18 MALE PARTICIPANT: Yes, I think that's
19 something we could probably participate in, right?

20 MALE PARTICIPANT: Yes.

21 MALE PARTICIPANT: And then it would be
22 less of a translation problem.

23 FEMALE PARTICIPANT: Between the
24 coordinator and the -- yes.

25 MALE PARTICIPANT: Right.

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1 FEMALE PARTICIPANT: I mean, the
2 coordinator will make sure someone is signed to it.

3 MALE PARTICIPANT: Right.

4 FEMALE PARTICIPANT: That will be their
5 little (inaudible) connectivity and if you guys need
6 to tie in, we could do that. I think that you guys have
7 defined the NRR, but who in the NRR and --

8 MALE PARTICIPANT: Well, it's likely going
9 to be Thad, and/or Skeen, or myself.

10 FEMALE PARTICIPANT: Okay.

11 MALE PARTICIPANT: It was going to be one
12 of us three. You know, one of us three will be on.
13 You know, that's the reason we established having
14 multiple people in this role. So there will always be
15 at least one of us three, and the more that are a part
16 of this phone call, the less turnover problems we're
17 going to have, because I think the subtleties get lost
18 in the turnovers, right?

19 I mean, that's been my experience of being
20 RST director over, you know, the last couple, three
21 weeks. You know, it's a slight shading of, well, I think
22 it should be this way and there's not some overall
23 direction. Somebody is absolutely in charge of this.

24 So if you folks have a problem with what we're doing,
25 you could reach out and touch that person, no, you guys

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1 missed the mark. Here's what needed to be done.

2 And, you know, somebody has to be
3 responsible for it. You're absolutely right. I know
4 all the RST directors have had that sense that, you know,
5 sometimes I hesitate to make reference to the Navy, but
6 there were three (inaudible) and there was one engineer,
7 and you did what the engineer wanted, you know? It was
8 that person that made -- so everybody knew it, and you,
9 you know, all signed up for it.

10 So anyway, I think that's the right thing
11 to do.

12 MALE PARTICIPANT: So you want to take this
13 one back and work it?

14 MALE PARTICIPANT: Yes, we will. And we
15 need a, you know, schedule -- if you give us a schedule,
16 we'll meet it.

17 MALE PARTICIPANT: And the Chairman was
18 driving to have this resolved by the end of the week,
19 so to get your input 24 hours from now would be very
20 helpful.

21 MALE PARTICIPANT: Okay. So basically,
22 COB tomorrow. And let me just repeat and I've asked
23 Thad to correct my understanding so that we are providing
24 -- you know, so you get some feedback about whether we
25 got it right. It's my understanding this is what we're

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1 calling the -- what's this called?

2 MALE PARTICIPANT: This was called, at one
3 time, the composite document.

4 MALE PARTICIPANT: This is called the
5 composite document. Okay. What you're looking for
6 now, irrespective of whether it's son of composite or
7 daughter of composite document, you are looking for,
8 basically, the criteria to relax the 50-mile evacuation
9 recommendation.

10 MALE PARTICIPANT: There are actually two.
11 There's grab-and-go, which is --

12 MALE PARTICIPANT: Grab-and-go is?

13 MALE PARTICIPANT: As you come in there and
14 get the things that belong to you and get back out again.

15 MALE PARTICIPANT: Oh, okay.

16 MALE PARTICIPANT: So to help you, you have
17 the entire document and I just recommend that you read
18 -- you know, people read this document so they can get
19 the context for the decision making.

20 MALE PARTICIPANT: Okay.

21 MALE PARTICIPANT: So there's the
22 short-term entry last night, and I haven't read it.

23 MALE PARTICIPANT: Oh, okay. I got it.

24 MALE PARTICIPANT: (b)(5)

25 (b)(5)

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1 remember what we were talking about last night from a
2 protective measures point of view. And maybe they're
3 the same criteria, Bill.

4 MALE PARTICIPANT: The grab-and-go
5 criteria --

6 MALE PARTICIPANT: It may all be the same
7 stuff.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: From a reactor safety
10 point of view, that may make the most sense. And then
11 there's the retreat from the 50 miles. And reading the
12 paper you realize that there are, as Jim put it, other
13 elements of the decision. I mean, you need to have the
14 ground deposition issue resolved and what dose an
15 individual receives, you need to understand what the
16 infrastructure looks like, because if you're going to
17 allow people back in, they have to have the roads and
18 transportation to get back out again, and then there's
19 the reactor safety piece of this.

20 MALE PARTICIPANT: And everyone's started
21 really taking the lead for the overall --

22 MALE PARTICIPANT: Right. I think Trish
23 is on the line. NSIR has the overall lead for this paper;
24 you all have the input on the enclosure.

25 MALE PARTICIPANT: Which is the criteria

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1 itself.

2 MALE PARTICIPANT: Right. It's the
3 reactor stability.

4 MALE PARTICIPANT: Reactor stability, so
5 we have the reactor stability criteria associated with
6 the two levels of re-entry.

7 MALE PARTICIPANT: Yes. Now, for my
8 money, you can take the reactor stability criteria
9 document back to NRR and take the lead for that as well.

10 And I second Jim's notion, we need to probably think
11 of a new term to use in this paper so that we have the
12 reactor stability criteria, phase 1 and phase 2, and
13 this has already provided at TEPCO, and its goal that
14 they should strive to achieve.

15 And we may want to call it something else
16 in this paper so that we're not confusing people, and
17 not call it reactor stability, but whatever we want to
18 call it. But it needs to acknowledge that that other
19 documents exists in your mind. I mean, not necessarily
20 a paper --

21 MALE PARTICIPANT: Yes, it needs to
22 acknowledge that this document --

23 MALE PARTICIPANT: (b)(5)

24 (b)(5)

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1 (b)(5)
2

3 MALE PARTICIPANT: Oh, that's the
4 stability document.

5 MALE PARTICIPANT: Right. (b)(5)
6

7 (b)(5)
8
9
10
11

12 MALE PARTICIPANT: Yes, let's not get
13 confused because in this document's composite, it's
14 labeled simplified plant condition stability
15 determination.

16 MALE PARTICIPANT: Yes.

17 MALE PARTICIPANT: So the simplified
18 version of stability document, I thought, I could be
19 wrong, I haven't seen it since Saturday, was there was
20 an attempt to incorporate that in the composite
21 document.

22 MALE PARTICIPANT: There was.

23 MALE PARTICIPANT: So they don't have
24 simplified -- okay.

25 MALE PARTICIPANT: My sense is the

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1 simplified stability document, that you're right,
2 originally started off, like my one comment said, I mean,
3 when we first started putting this together we just took
4 the simplified stability document that we provided NISA
5 and TEPCO, and created that as an enclosure 2 for this
6 document without any thought.

7 And then it migrated from, without
8 connecting them, you know, how does phase 1 and phase
9 2 of this simplified stability document, that we've
10 given TEPCO and NISA, how does that relate to going in
11 short-term, grab-and-go, or permanent? It migrated to,
12 at one point, the last one I had really read, it said,
13 you know, phase 2 is too long-term.

14 It's phase 1 minus a couple items for
15 grab-and-go; it's phase 1 plus a couple of items for
16 permanent. And then I think last night on mid-shift,
17 and I didn't go back and confirm, they decided to change
18 phase 1 so it aligns to grab-and-go and phase 2 to align
19 -- so we've changed the phase 1/phase 2 criteria from
20 the document that's already final.

21 And so we've got something embedded in this
22 document called simplified stability criteria that
23 we've changed from the one, and that's what drove me
24 crazy. That put me right over the edge.

25 FEMALE PARTICIPANT: That's the document

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1 that stands as it is.

2 MALE PARTICIPANT: That's final.

3 FEMALE PARTICIPANT: And you need to
4 somehow put those --

5 MALE PARTICIPANT: We need a copy of that
6 thing.

7 FEMALE PARTICIPANT: And this should be not
8 extracted from that, but (inaudible) that fits into this
9 document, but, you know, not exactly word-for-word.

10 MALE PARTICIPANT: Right.

11 FEMALE PARTICIPANT: Because the way the
12 story comes out of the other paper, it doesn't fit in
13 this paper. So you know the other document --

14 MALE PARTICIPANT: Right, but if they pick
15 this up and it starts reading like the other document,
16 we're in the wrong place.

17 FEMALE PARTICIPANT: Right.

18 MALE PARTICIPANT: Right.

19 FEMALE PARTICIPANT: It needs to reference
20 that other document, maybe, for some of the criteria
21 that's in it, so it needs to extract the necessary --

22 MALE PARTICIPANT: We need to have a fresh
23 rewrite, essentially.

24 FEMALE PARTICIPANT: Yes.

25 MALE PARTICIPANT: I mean, it ought to be

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1 an informed rewrite because you don't want to be talking
2 about something in this if it's not in the stability
3 document or, you know, vice versa.

4 MALE PARTICIPANT: Jim, what you had said
5 earlier really resonated, and I hadn't heard it until
6 you said it earlier today, was that, at some point in
7 the thought process switching between EP directors and
8 so forth, that the grab-and-go, or short-term re-entry,
9 was conceptually as something, perhaps, less so than
10 phase 1 and that the permanent might be slightly more
11 than the phase 1, but, you know, as that document was
12 being generated, that thought had never gotten passed
13 on through all the turnovers.

14 So I think we need to get a relative sense
15 of where it is because the long-term stability stuff
16 is just that. Phase 2 could be --

17 MALE PARTICIPANT: I mean, like, here's the
18 future markup of it.

19 MALE PARTICIPANT: Yes.

20 JIM DYER: Yes, they talked about
21 long-term, the plant conditions meet all phase 1
22 stability criteria plus the units have achieved cold
23 shutdown, plus, plus, you know, it's tsunami proof, it's
24 earthquake -- you know, and --

25 MALE PARTICIPANT: Yes, that stuff was --

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1 MALE PARTICIPANT: But I mean, that's where
2 we were in one of the shifts, not yesterday, I think,
3 I've only been here four days, so we've really gone full
4 circle on that.

5 FEMALE PARTICIPANT: Saturday night when
6 I was here, somebody took the stability information and
7 put it in this, made a spot for it and put it in the
8 document. When I was leaving shift, that's where we
9 were Saturday night and it worked quite a bit.

10 MALE PARTICIPANT: Yes.

11 MALE PARTICIPANT: That's the stuff that's
12 changed, you know, we start out writing it for one
13 purpose and then somebody wants it for another purpose,
14 and it changes --

15 MALE PARTICIPANT: This is a reference.
16 The reason we started out with two different stability
17 criteria is, apparently, the Chairman had made a
18 statement that it was going to be stable for six months,
19 and once that statement was made we were saying, uh-oh,
20 how are we going to, you know, be consistent with that
21 statement?

22 Oh, okay. We'll say, depends on the
23 context. And that's, kind of, how we ended up with two
24 different stability criteria, or it was PACCOM, I think,
25 that told us, oh, the Chairman just told us six months.

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1 MALE PARTICIPANT: So does NRR need
2 anything more from us?

3 MALE PARTICIPANT: No, I think we got it.

4 MALE PARTICIPANT: Who's are coordinator?

5 FEMALE PARTICIPANT: Are you on the
6 (inaudible)?

7 MALE PARTICIPANT: Yes.

8 FEMALE PARTICIPANT: Yes, I've got
9 (inaudible) him, and the other, so I think (inaudible)
10 is supposed to be the coordinator right now. And we
11 need to work on who we're filling that spot with next.

12 MALE PARTICIPANT: Yes, I've got the shift
13 schedule out through Monday.

14 FEMALE PARTICIPANT: Something else to
15 think about for tomorrow. You know, people have argued
16 that it'd be good to have whoever is working on this
17 in NRR to have access to that room back there, but I'm
18 not sure that's necessarily the most efficient way to
19 do it. You know, there's data and information
20 available, but (inaudible) they become RST (inaudible)
21 working on a paper and more focused, so I just gave up
22 on having (inaudible).

23 MALE PARTICIPANT: You're going to be on
24 shift, right? You're on shift now.

25 MALE PARTICIPANT: I'm through to

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1 Saturday.

2 MALE PARTICIPANT: Okay, because what we
3 need to know is, who has been working on this document,
4 I think, in the RST recently?

5 MALE PARTICIPANT: Mike Brown, Chuck
6 Norton.

7 MALE PARTICIPANT: Right.

8 MALE PARTICIPANT: Mike was on day shift.

9 JIM DYER: Mike was on days. I don't think
10 he was working on that one. I think the last round of
11 changes were from Wiggins' team on whoever had mid.

12 MALE PARTICIPANT: Yes, getting somebody
13 that has been working on this document at some point
14 would help us so we don't have to start from square one
15 with somebody.

16 MALE PARTICIPANT: And it should be in the
17 archives, Jeff can probably get it, but it should be
18 in the archives on the original document that went to
19 NISA. It's in one of the tracker down below, that we
20 actually sent in the original phase 1/phase 2
21 simplified.

22 FEMALE PARTICIPANT: All right.

23 MALE PARTICIPANT: Would there be any value
24 in aligning some of the terms? This document is what
25 (inaudible) has been using for a few decades. They used

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1 re-entry for temporarily going in and out. They used
2 the term for permanently going back in. So a population
3 re-entry document could be like this re-entry conditions
4 for population re-entry.

5 And the word population and the term for
6 the document could be aligned with reactor conditions
7 for population return. It's difficult to make good
8 sense and, Michelle, that would be sent in that NSIR

9 --

10 MALE PARTICIPANT: Is Trish on the line?

11 Is she there?

12 MALE PARTICIPANT: She's on.

13 PATRICIA MILLIGAN: Yes, I was muted.

14 MALE PARTICIPANT: Can you follow up on
15 that, Trish?

16 PATRICIA MILLIGAN: Absolutely.

17 FEMALE PARTICIPANT: All right. Good.

18 MALE PARTICIPANT: So I want to go over this
19 once again just to make sure we got this. So the task
20 we have is to use the Enclosure 2 document, which is
21 the currently the simplified plant conditions stability
22 determination document to the composite document, that
23 Enclosure 2. We are going to take a fresh, but informed,
24 rewrite of this document with the purpose of having two
25 different criterions in that document; one is the what

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1 I called the re-entry criteria/grab-and-go, and the
2 second is the return criteria, which is the retreat from
3 the 50 miles.

4 Now, I haven't heard anybody say how far
5 that 50 miles is going to be retreated back. Is it 10
6 miles? Is it 25?

7 JIM DYER: I think that's what the criteria
8 are for, is you get an assessment of what the lay of
9 the land is, you know, the analyses, or whatever we have
10 to do to make these decisions to say, okay, you know,
11 can I go five miles in? You know, 20 miles in?
12 Whatever.

13 MALE PARTICIPANT: I would think the
14 ultimate goal would be, if you would do that, then get
15 to the Japanese, and we wouldn't go any further than
16 they have --

17 FEMALE PARTICIPANT: Right.

18 MALE PARTICIPANT: Right.

19 MALE PARTICIPANT: Right now it's 20
20 kilometers evacuation; 30 kilometers, voluntary
21 evacuation.

22 MALE PARTICIPANT: Can you match that from
23 the get-go? Try to use that as a target.

24 FEMALE PARTICIPANT: But wouldn't that
25 also require the other criteria of having infrastructure

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1 in place? It's not just stability and, you know, dose.

2 It's, is the infrastructure in place so that you can
3 quickly go back in? Because if they can't get food,
4 and they can't get transportation, and the roads are
5 blocked, then it's like, oh, well, it doesn't matter
6 if they (inaudible). I mean, it's so easy to put them
7 in. So it ought to be those three problems first.

8 MALE PARTICIPANT: And, Bill, it doesn't
9 necessarily have to be two different sets. If you agree
10 that one definition of the reactor condition and cooling
11 supports both decision points, that's fine with us too.

12 MALE PARTICIPANT: And help me understand
13 the, what I call the non-reactor safety criteria. I've
14 heard something about transportation and food. So are
15 you asking us to do that too?

16 MALE PARTICIPANT: No.

17 FEMALE PARTICIPANT: No.

18 MALE PARTICIPANT: No.

19 FEMALE PARTICIPANT: That's Enclosure 3 in
20 the --

21 MALE PARTICIPANT: Okay. We're just doing
22 the reactor safety piece to this.

23 MALE PARTICIPANT: Right, but you need to
24 understand the context in which you're operating. So
25 you all need to understand the other criteria. It

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1 really revolves around ground deposition. You know,
2 what somebody might --

3 MALE PARTICIPANT: I mean, it sounds like
4 we do need some PMP help.

5 MALE PARTICIPANT: Only to interpret
6 what's in this paper.

7 MALE PARTICIPANT: Right.

8 FEMALE PARTICIPANT: Yes. I mean, correct
9 me if I'm wrong, but it looks like we've got two pages
10 and words that were cut and pasted out of another
11 document. It's not a lot of words that you use to
12 (inaudible) to the point.

13 MALE PARTICIPANT: Okay.

14 FEMALE PARTICIPANT: That list of criteria
15 that, I believe, are established in another document
16 and could they be reduced to the (inaudible) in this
17 document.

18 MALE PARTICIPANT: Right. Okay. So it's
19 probably not going to be a lot of words. It's much more
20 thinking about it; much more thinking about it than the
21 words. Okay. Anything amplifying corrections is what
22 I've just said.

23 MALE PARTICIPANT: You might want to touch
24 base with Chuck as part of the phone call tomorrow
25 morning.

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1 MALE PARTICIPANT: Okay.

2 MALE PARTICIPANT: That's a good idea.

3 MALE PARTICIPANT: Okay.

4 MALE PARTICIPANT: Or I'm sure he's
5 emailable. As your thoughts mature, if you want to
6 bounce thoughts off of Chuck, I think we all looked past
7 it. I mean, I wouldn't want you to present something
8 back to us without having coordinated with Chuck.

9 MALE PARTICIPANT: I'm sorry, you're
10 talking Chuck Casto or Chuck Norton?

11 MALE PARTICIPANT: Yes, Chuck Casto.

12 MALE PARTICIPANT: Okay, because you're
13 going to be now providing a definition for which -- the
14 next step to this, Michelle, would be that, I think,
15 given all the personal capital this Chairman has
16 invested in this decision around the 50 miles, my next
17 step would be to sit down with him and say, Chairman,
18 this is where we are as a staff and we are now going
19 to start engaging external stakeholders.

20 So that would be something, if you could
21 deliver tomorrow night, then, Friday morning, we could
22 sit down with the Chairman and say, this is where we
23 are, and Friday afternoon, we could start engaging
24 external stakeholders on it; all the people that would
25 be part of the IPC or whoever else that we have to

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1 socialize this with.

2 MALE PARTICIPANT: Okay. And when we say
3 tomorrow night, do you have a time?

4 MALE PARTICIPANT: Well, we did say close
5 of business tomorrow to deliver this.

6 MALE PARTICIPANT: Right.

7 FEMALE PARTICIPANT: We're working around
8 the clock.

9 MALE PARTICIPANT: Yes. What time
10 precisely?

11 MALE PARTICIPANT: I mean, I would think,
12 maybe, 6:00. I mean, close of your day shift. I mean,
13 if you can finish it on day shift, that'd be great.

14 MALE PARTICIPANT: I think this document
15 too, the other parts of it have gotten input from FCC,
16 the DOE, and they were actors (inaudible) help, but at
17 a working level, once we compile all the input to send
18 out to them probably before we tune-up the Chairman to
19 send it to the IPC.

20 MALE PARTICIPANT: Who's job is that going
21 to be?

22 MALE PARTICIPANT: Well, wait a minute,
23 Jim, because I think, at this point, I really do think
24 that I want to send it to the Chairman before it goes
25 out to others, so I think, Friday morning, we bring it

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1 into the Chairman, we sit down with him and say, this
2 is where we are, and we could even say that some of this
3 has already been coordinated with other stakeholders.

4 But the combined documents with the reactor
5 piece in it has not yet been sent out to the stakeholders
6 and we're going to do that this afternoon, being Friday
7 afternoon, unless you're concerned.

8 MALE PARTICIPANT: Okay. So let's say
9 about noon or 1 o'clock we have a draft of it. So we're
10 working it, we think it's in pretty decent shape, who
11 would we share it with at that stage so we could get
12 feedback and you would say, what about this, what about
13 that, and we go modify it?

14 MALE PARTICIPANT: Well, since NSIR is the
15 owner of the document I think it'd come back to --

16 MALE PARTICIPANT: Okay. So we could, at
17 that point, coordinate with Brian. Okay.

18 MALE PARTICIPANT: Yes. I would look at
19 Brian and Michelle (inaudible).

20 MALE PARTICIPANT: Okay.

21 MALE PARTICIPANT: So I was going to
22 mention on the criteria, just something to think about,
23 I know these criteria are difficult to come up with,
24 but in terms of things that can be externally
25 (inaudible), or more remotely assessed in terms of the

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1 criteria you're coming up with for the U.S. decision,
2 you know, specific details about what's going on in the
3 plant --

4 MALE PARTICIPANT: Are going to be
5 difficult.

6 MALE PARTICIPANT: -- are going to be
7 difficult. You're going to have this criteria
8 (inaudible). If the end use is really to make a
9 recommendation at some point about enabling U.S.
10 citizens to re-enter those areas, they have to be
11 criteria that are achievable. We can get to a
12 (inaudible) all the information with what access we
13 have.

14 MALE PARTICIPANT: We must have developed
15 trust and confidence (inaudible).

16 MALE PARTICIPANT: I don't know.
17 Certainly, we've grown a lot in the past month and they
18 have people on the ground, they have Chuck Casto, if
19 NISA says, you know, Unit 1 containment is (inaudible)
20 down to below 1 pound, we should be able to believe that.

21 (CROSSTALK)

22 MALE PARTICIPANT: (b)(5)

23 (b)(5)

24
25 MALE PARTICIPANT: And we'll have our

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1 resident inspectors outside.

2 MALE PARTICIPANT: Right. And that's kind
3 of an assumptional thing.

4 MALE PARTICIPANT: Right.

5 MALE PARTICIPANT: So we'll get those other
6 documents and get this stuff by email?

7 MALE PARTICIPANT: Is it RST01, Chuck?
8 Are you at RST01?

9 MALE PARTICIPANT: Yes, send everything to
10 RST01.

11 MALE PARTICIPANT: RST01?

12 MALE PARTICIPANT: So we got a copy of this,
13 a copy of the other document, the simplified stability
14 document? Are we going to get that?

15 MALE PARTICIPANT: We have the one we sent
16 to TEPCO, then we've got the one that we started to change
17 last night based on some of your comments, which started
18 to change even more after I left, and we saved all those
19 revisions, so we can get whatever revisions we need.

20 MALE PARTICIPANT: So you're going to send
21 it to us?

22 MALE PARTICIPANT: Whoever needs it.

23 MALE PARTICIPANT: Yes.

24 MALE PARTICIPANT: Yes, I'm the point of
25 contact, send it to me, and we will discuss, when we

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1 leave here, who in our office will work on this.

2 MALE PARTICIPANT: Yes.

3 MALE PARTICIPANT: Can you go off of
4 revisions; the one that was approved, like, last
5 Saturday?

6 MALE PARTICIPANT: The one that went out
7 to NISA.

8 MALE PARTICIPANT: The one that has been
9 shared with TEPCO and NISA.

10 MALE PARTICIPANT: Yes, that's the one that
11 really counts.

12 MALE PARTICIPANT: The current composite.
13 I'll call it the current version. Rev 21, is that what
14 it is?

15 FEMALE PARTICIPANT: It's rev 21 now.

16 MALE PARTICIPANT: So that's good that
17 you're tracking it.

18 MALE PARTICIPANT: Right. I know we're
19 only modifying Enclosure 2, but if you look at the whole
20 document to put in context, right? Are there any other
21 documents we need to look at for context?

22 MALE PARTICIPANT: No.

23 MALE PARTICIPANT: That's it. Okay.
24 There's more coming.

25 MALE PARTICIPANT: This document is not in

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1 RST control.

2 (CROSSTALK)

3 MALE PARTICIPANT: Good to go.

4 MALE PARTICIPANT: And I'll get help to
5 work on it.

6 FEMALE PARTICIPANT: Right. Okay.

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1 UNITED STATES OF AMERICA
2 NUCLEAR REGULATORY COMMISSION

3 + + + + +

4 JAPAN'S FUKUSHIMA DAIICHI ET AUDIO FILE

5 + + + + +

6 SATURDAY

7 APRIL 14, 2011

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(CONFERENCE CALL INITIATED)

0 (CGWWL613765094

MALE PARTICIPANT: Hello, Mr. Zimmerman,
Chuck Casto, the Japan team is coming up. Chuck, you're
up on --

ROY ZIMMERMAN: This is Roy Zimmerman.

CHUCK CASTO: Thank you. Hey, Roy, Chuck
Casto. Hello, Roy.

ROY ZIMMERMAN: Roy Zimmerman here.

CHUCK CASTO: Hey, Roy, Chuck Casto, can
you hear me?

ROY ZIMMERMAN: Wait, Chuck, for me to get
the volume up on this thing so I can hear you. How are
you today?

CHUCK CASTO: Oh, good. How you doing?

ROY ZIMMERMAN: Good, thank you. How was
your day?

CHUCK CASTO: Busy, another busy day in the
factory.

ROY ZIMMERMAN: Well, better than the
opposite, I guess.

CHUCK CASTO: Yes.

ROY ZIMMERMAN: Progress?

CHUCK CASTO: Well, I don't know how to

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ROY ZIMMERMAN: Chuck?

CHUCK CASTO: Hello?

ROY ZIMMERMAN: Hi, it's Roy Zimmerman and
Marty Virgilio and --

MARTY VIRGILIO: Hello, Chuck.

ROY ZIMMERMAN: Fred Brown, Pat Hiland, and
Kathryn Brock and others.

CHUCK CASTO: Wow.

ROY ZIMMERMAN: All anxious to talk with
you this evening.

CHUCK CASTO: And all heavyweights in
there, it's like A-Team.

ROY ZIMMERMAN: Yes, we haven't give
ourselves Ambassador titles yet, but somewhere on the
list.

MALE PARTICIPANT: I am going on a diet
though to get off that list.

ROY ZIMMERMAN: How are things with you
today?

CHUCK CASTO: Great, good.

ROY ZIMMERMAN: Good.

CHUCK CASTO: Been a good day, another good

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1 day.

2 ROY ZIMMERMAN: Good. Do you want to take
3 the lead and run through some of your accomplishments
4 and let us know where we can do some things for you?

5 CHUCK CASTO: Actually we had, you know,
6 obviously you all know we had about six people waive
7 in today so we did a lot of turnover. Appreciate all
8 the work that everyone has done and the people rotating
9 out and all the work that they will do coming in and
10 already be started to have done.

11 So we have a good group coming in and started
12 our turnover. Today was bit, it was a good day for
13 turnover because it was a bit slow with regard to
14 meetings with the Japanese so it was kind of a good day,
15 but unusual.

16 ROY ZIMMERMAN: So how many people will you
17 have with the six that left and the new group that arrived
18 or arriving.

19 CHUCK CASTO: I believe we'll have a total
20 of 11. We'll be right on target.

21 ROY ZIMMERMAN: Right where you were.

22 CHUCK CASTO: Right.

23 ROY ZIMMERMAN: Okay.

24 CHUCK CASTO: And really the last were
25 fortunate that we have the Protective Measures people,

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1 Todd (phonetic) and Heather (phonetic), because the
2 growth market here of work is, if the dependents come
3 back, starting this weekend, there's a lot of work to
4 be done with regard to health effects and town hall
5 meetings. So it will be useful to have them here with
6 their deep backgrounds, both of them I think are senior
7 health physicists. So --

8 ROY ZIMMERMAN: Good.

9 CHUCK CASTO: I've worked with Heather for
10 a long time. I know her capabilities well. So the big
11 work today, from the Embassy standpoint, was to prepare
12 for the return. A lot of fact sheets and welcoming
13 packages.

14 A number of, they'll have a number of
15 doctors, some from Bangkok and others to come in to talk
16 about personal health and any personal health concerns
17 people have. Well, about babies, et cetera, you know,
18 with the dependents coming back, children.

19 ROY ZIMMERMAN: Okay. Chuck, let me
20 interrupt you and catch up, I've been out for a few days
21 so make sure I've got the right understanding. One of
22 the activities with Department of State taking the lead
23 on the return to Tokyo, which is what I think you're
24 talking about, and that has now gone full completion
25 where now there are people that are starting to plan

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1 on returning and you're going over what that preparation
2 for return will consist of?

3 CHUCK CASTO: Yes, I'm sorry I didn't bring
4 you up but it's, the decision actually, I'm not sure
5 the decision has been formally made yet but it's
6 imminent, probably this shift for you all back there.

7 ROY ZIMMERMAN: Okay, so State will likely
8 be issuing their criteria that all these interagencies
9 have concurred in sometime later today?

10 CHUCK CASTO: I expect that to happen.
11 When I got in this morning there was an email I think
12 from Pat Kennedy to the Ambassador saying that they
13 basically had all the sign offs that they needed on the
14 paper. So they're expecting that decision today on day
15 shift I guess for you all.

16 ROY ZIMMERMAN: Okay (inaudible) so at one
17 point. Then you all got a cut at it obviously also,
18 right?

19 CHUCK CASTO: I'm not sure we actually got
20 a cut of the paper that they had the agencies. We got
21 a cut at the Ambassador's note back to State laying out
22 what he thought the conditions were and what his
23 recommendation was. But the actual letter that the NRC
24 signed off on and the other agencies, I'm not sure we
25 ever saw that.

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1 ROY ZIMMERMAN: Can you --

2 CHUCK CASTO: I know Jim Dyer and Marty and
3 you guys were talking about that letter last night.

4 ROY ZIMMERMAN: Yes and last week.

5 MARTY VIRGILIO: What happened was, is
6 earlier in the week there was (b)(5)

7 (b)(5)
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16 In the process of reviewing that on day
17 shift yesterday, Jim Dyer received the concurrence of
18 Naval Reactors with a number of comments. Their
19 comments appear to align with what Jim was thinking at
20 the time. So Jim and the day shift folks here in the
21 Operations Center approved what (b)(6) had developed
22 with the comments that were provided by Naval Reactors.

23 I've not seen a final version, a revised
24 version that reflects Naval Reactors comments included
25 or anybody else's comments included. So that's sort

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1 of where we stand right now, Chuck.

2 CHUCK CASTO: Okay, yes, I'm not sure of
3 all the details of that but I think there is a final
4 signed off version, but maybe that's not right. Or at
5 least they sent the Ambassador a version and I think
6 it was Kennedy or Donahue sent him a note that they were
7 near or well, Donahue first sent him a note saying that
8 we've got almost all but some supplemental agencies,
9 some smaller agencies sort of unrelated to sign off yet.

10 And then I think a little bit later Kennedy
11 sent him a note, the Ambassador a note, saying that they
12 had had all the sign offs. So I don't know what all
13 that means.

14 And I think, and regardless of the details
15 of all that I think that the decisions probably, you
16 know, it's imminent and the Embassy's preparing for the
17 return. And so is USFJ and PACOM.

18 ROY ZIMMERMAN: Okay, Chuck when you get
19 it, when the official copy is out would you be able to
20 fire a copy our way, please?

21 CHUCK CASTO: Sure, sure.

22 ROY ZIMMERMAN: Thank you much.

23 CHUCK CASTO: And Marty, I know that the
24 copy that was passing around this morning, which I did
25 not get a copy of, still had the issue in there about,

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1 that there was redundant diesel power.

2 MARTY VIRGILIO: Yes and I can see from your
3 Cabinet Office Crisis Management Meeting minutes that
4 that's the desire but not yet installed.

5 CHUCK CASTO: Correct. And I know those
6 comments were made and I don't know what the final letter
7 has in it or doesn't have in it but I don't see that
8 as a show stopper either way.

9 And so nevertheless all the, a lot of the
10 work today in the Embassy was getting veterinarians in
11 here from the Army to talk about pets and getting doctors
12 in here from various embassies across Asia to sit with
13 individuals.

14 They didn't want to do it at a town hall
15 because of the HPCA issues so they're bringing doctors
16 in to talk with individual families about any concerns,
17 health concerns that they might have related to stress
18 or to, you know, to radiation, whatever the issues might
19 be that they want to talk about.

20 So and then they have a brochure called a
21 Welcome Back Health Brochure and we've been working with
22 that. And then there's some options, an options paper
23 if people do not want to return, what they can do if
24 they don't want to return. And then it has some private
25 consultations for people to work out individual problems

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1 about returning, besides health problems, other
2 problems.

3 They've also shared the welcome back
4 document with USFJ and all that's in parallel with USFJ
5 so the welcome back, and then we'll have town halls,
6 I think there might even be one tomorrow. Then there
7 will be a series of town halls probably almost every
8 day until, you know, it settles down.

9 MARTY VIRGILIO: Hey, Chuck, I know that
10 a couple of things that were (b)(5)

11 (b)(5)

12
13 The other thing that I saw this morning was
14 that some DOE overflight data that showed higher, fairly
15 high levels of cesium in and around, well out at the
16 probably the 80 kilometer mark towards Tokyo. Have you
17 heard any of that?

18 CHUCK CASTO: No, no I have not. I will
19 check that in the morning but no, I did not hear that.

20 MARTY VIRGILIO: This is the DOE daily
21 Sitrep that comes out and the data in it, and there's
22 graphics in it without any narrative text, appear to
23 show fairly high levels of cesium. In fact that's in
24 the direction of Tokyo. Now this is all news to us I
25 think because up to now we were thinking that ground

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1 deposition was out to the Northwest sector.

2 CHUCK CASTO: Well I may have saw that, I
3 think I did, was that the red and black dot map?

4 MARTY VIRGILIO: No, this is --

5 CHUCK CASTO: It didn't look like --

6 MARTY VIRGILIO: Do you have the DOE
7 statement. Yes, (inaudible).

8 CHUCK CASTO: And I'll check on that in the
9 morning. But they also have a map of where they're not
10 allowing replanting of rice.

11 ROY ZIMMERMAN: Hang on, Chuck, let me get
12 this. It's the Japan Earthquake Response April 14, 0600
13 edition. And if you go, I think you're seeing
14 overflight data. I don't see a number on this page.
15 But it's showing fairly significant deposition of
16 cesium 134 out to the 80 kilometer ring headed toward
17 Tokyo from the plant.

18 CHUCK CASTO: I'll check on that in the
19 morning. I hadn't heard that.

20 MARTY VIRGILIO: We'll look at it today too
21 and gauge DOE as to what they think the significance
22 of that might be.

23 CHUCK CASTO: Yes.

24 ROY ZIMMERMAN: The other, as far as
25 dependants --

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1 MARTY VIRGILIO: My only issue here is it's
2 likely to spin up your dependants and your town hall
3 meetings.

4 CHUCK CASTO: Right.

5 MARTY VIRGILIO: But if this is true, this
6 is new and this is not good.

7 CHUCK CASTO: Right.

8 FEMALE PARTICIPANT: You want me to follow
9 up on this with the day shift?

10 MARTY VIRGILIO: Yes I think we ought to
11 follow up on the day shift as opposed to letting it sit
12 for 12 hours.

13 FEMALE PARTICIPANT: I'll do that.

14 CHUCK CASTO: Yes you guys can follow up
15 and I'll follow up in the morning and we get back in
16 there and find DOE. They didn't say anything about it
17 tonight at the round up.

18 ROY ZIMMERMAN: It is in air movement
19 towards the south, southeast carrying a portion of it.

20 MARTY VIRGILIO: Say that again.

21 ROY ZIMMERMAN: There has been air move,
22 that's moved, air movement toward the south, southeast
23 like not heading in this direction for a period of time.

24 And when I was looking at some of the data it looked
25 like there was contamination in that area too. The

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1 primary plume looks like it was toward the, out of the
2 Northwest. It's like it's pulling, it's going kind of
3 like this, then there's the bubble --

4 MARTY VIRGILIO: Right.

5 ROY ZIMMERMAN: -- in that area.

6 FEMALE PARTICIPANT: I'll take care of it.

7 MARTY VIRGILIO: All right, thanks. We're
8 on it, Chuck.

9 CHUCK CASTO: Okay, thanks. The other
10 issue on that dependent return is the information for
11 the dependants on how the food supply is monitored.
12 They have to close that loop and try to make sure that
13 we have enough information on how the food supply is
14 monitored, both ground stuff and seafood, so they're
15 working heavy with MECS to try to get a brochure out
16 on how the food supply is.

17 There was a World Health Organization
18 statement today that came out and said that they were
19 satisfied with Japan's thresholds and monitoring of food
20 stocks.

21 However, there was one type of fish, and
22 I can't remember the name of it right now, where today
23 they had inconsistent lab results monitoring that fish
24 and they believe, the Japanese believe, that it's a
25 testing technique that they're using. And they think

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1 the different prefectures are having problems with the
2 test. It's some kind of new survey for the fish that
3 they've never done before and they think, so tomorrow
4 they're having a workshop among the prefectures to teach
5 them and make sure that they're consistent on how they're
6 monitoring the fish.

7 ROY ZIMMERMAN: Chuck, the timeline for
8 dependants return, it sounds like there's a lot of
9 training set up for them to cover the types of items
10 you're mentioning. Is there a time envisioned for when
11 people will physically relocate? Is that happening
12 shortly?

13 CHUCK CASTO: Yes, it will happen quickly.

14 In fact I was talking to a couple of Embassy workers
15 today and they're going, see there are some dependants
16 who just went to South Japan or they went to the
17 Philippines or wherever. And, you know, they didn't
18 all go back to the United States.

19 So I was talking to a couple people who are
20 going to South Japan tomorrow to be with their families
21 and they're bringing them back tomorrow night if it gets
22 listed. So there will be dependants back in the
23 compound rather quickly.

24 The other issue, school starts Monday. And
25 I don't know, there was a statement by school officials

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1 that I don't remember, I didn't really read it or, but
2 there was some statement of, some deadline if the
3 children aren't re-enrolled in school by a certain
4 deadline, you know, they were probably not going to get
5 in. So that was a lot of stress on people too.

6 ROY ZIMMERMAN: So the people we're talking
7 about are not only U.S. citizens and workers at the
8 Embassy but also U.S. citizens in general that reside
9 in the Tokyo area?

10 CHUCK CASTO: Yes, I think there were about
11 2,000, what I heard there were about 2,000 AMCITS, you
12 know, non-Embassy kind that had evacuated, had left.

13 ROY ZIMMERMAN: So this is going to apply
14 to them as well?

15 CHUCK CASTO: Yes.

16 ROY ZIMMERMAN: Okay.

17 CHUCK CASTO: And then, so then there'll
18 be, the travel warning, I think, will be lifted and it
19 will become a travel notice, something like that.
20 Because once they let people come back then it moves
21 down a level.

22 And also there'll be probably ceasing to
23 administer or to provide KI at the Embassy and at the
24 hotel. So they're looking to stop the KI distribution,
25 for a number of reasons, you know, the psychological

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1 reason of you come back and they're passing out KI when
2 we don't really think that Tokyo's threatened. So
3 they're going to suspend KI, probably tomorrow.

4 It's available if something happens, you
5 know, they can distribute it but they're not going to,
6 they've had a tent set up outside the Embassy, well,
7 you know, not outside but inside the fence but, you know,
8 outside the Embassy building. They've had tents set
9 up where people come and, you know, they get through
10 the gate, show their passport, get through the gate and
11 then they're given the KI.

12 ROY ZIMMERMAN: Okay.

13 CHUCK CASTO: So that's been that way for
14 a couple weeks.

15 MARTY VIRGILIO: Okay, what else you got?
16 We got your assessment document that you're asking for
17 comments on.

18 CHUCK CASTO: I don't know, is the Chairman
19 coming on tonight or do you know?

20 MARTY VIRGILIO: Yes, we expect him to come
21 on. I mean, Chuck, do you need to continue to keep
22 control of this document or should we take control of
23 it or how do we want to play it from here?

24 CHUCK CASTO: I think, probably, you know,
25 it has all the appendices with it. I don't think you

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1 have all of those and the, yes you're right, we need
2 to somehow get configuration control on the document.

3 I think it's fine if you all, if we send
4 you all the appendices and then the executive summary,
5 if you all polish it up and put all the right things
6 on it and take control of it.

7 MARTY VIRGILIO: Okay we, if you would send
8 us the appendices we've got it.

9 CHUCK CASTO: Yes I think we were able to,
10 I think there's a shared drive or something we were able
11 to put it on. But I'll find out and make sure, Mike
12 Haye (phonetic) did most of the work on mashing all that
13 together and he leaves on Saturday. So I'd rather than
14 turn it over to somebody I think I'd prefer just, you
15 know, given that it's in the state that it's in and I
16 mean, almost final, it's probably best that you all just
17 take that and then we'd have it off our plate.

18 MARTY VIRGILIO: Okay.

19 CHUCK CASTO: The only thing I would
20 suggest is that we look at it and decide how we want
21 to publish it or whether to publish it or not, and how
22 we want to socialize it through the other agencies.
23 If we want to, you know, them to look at it, comment
24 on it, add something to it or what do we want to do from
25 here?

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1 MARTY VIRGILIO: All right, Roy, you got
2 that one?

3 ROY ZIMMERMAN: Yes.

4 MARTY VIRGILIO: About the one thing that
5 struck me in going through it this morning, and it was
6 quick, it was the Attachment 1 which is the Nuclear
7 Facility Chronology of Events, which I'm not sure what
8 we would say and with any degree of confidence as to
9 what's actually happened there.

10 CHUCK CASTO: Yes we probably should put
11 a caveat. We had so many different chronologies and
12 then they were in such different format and they said
13 so many conflicting things that we really just struggled
14 with, you know, what level and how much detail and how
15 much certainty should we have on the chronology.

16 MARTY VIRGILIO: Yes and it's just so
17 premature that I'm almost thinking of going without that
18 attachment.

19 CHUCK CASTO: That's fine.

20 MARTY VIRGILIO: And just go with the
21 narrative text that you have that basically talks about,
22 you know, what's happened with respect to the reactors
23 and where they are. And not trying to get into more
24 detail because I think it's going to be a lot of work
25 and I think we're going to, at the end of the day, wind

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1 up with a lot of conflicting information.

2 CHUCK CASTO: I agree with you. We'll
3 probably be chasing our tail on that.

4 MARTY VIRGILIO: That's the way I thought,
5 Chuck, I really, I thought it was going to be, and at
6 the end we'll probably be, you know, six months from
7 now we'll probably be judged wrong for having, you know,
8 done our best effort but we'll know so much more then.

9 CHUCK CASTO: Right. Yes that's fine. We
10 can take that one out and, you know, whatever. Like
11 I said, I guess, you know, once we transmit it to you
12 guys tomorrow then we can just, you know, it's your
13 document back there. Do, you know, move it forward
14 which ever way you choose.

15 MARTY VIRGILIO: Okay so we'll just drop
16 that Enclosure 1 and just proceed to move forward. So
17 good, that's great, Chuck.

18 ROY ZIMMERMAN: Chuck, your visit by
19 Secretary Clinton on Monday, that still on?

20 CHUCK CASTO: It's Sunday, it's Sunday
21 here.

22 ROY ZIMMERMAN: Sunday, okay.

23 CHUCK CASTO: Yes.

24 ROY ZIMMERMAN: And the materials that
25 you're using for that, are you good? Do you need to

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1 send anything back here to get any thoughts from us or
2 what's the --

3 CHUCK CASTO: I think I did send, I did send
4 back a slide pack I think day before yesterday.

5 ROY ZIMMERMAN: Okay, did you get comments
6 from us on it?

7 CHUCK CASTO: I don't think so. I don't
8 think I've seen anything on it, on the slide. Maybe
9 Marty mentioned something about it, but I don't think
10 it's come back this way yet. I sent it back to the HOO
11 and someone, I don't remember who the EP leader was,
12 and suggested they marry it up with that tasker that
13 we have on providing a presentation, or developing a
14 presentation for the Secretary.

15 Then also, on Tuesday, the Secretary of the
16 Navy will be here and he wants a briefing so, you know,
17 it's just, I think the good thing about this
18 comprehensive assessment is it feeds that presentation
19 pack and it, you know, it has something behind it that,
20 you know, it's the basis document behind the
21 presentation.

22 ROY ZIMMERMAN: Okay.

23 CHUCK CASTO: So when we start briefing,
24 you know, high level officials we can not just have a
25 Power Point presentation but a Power Point presentation

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1 with an assessment behind it.

2 ROY ZIMMERMAN: Is it --

3 MARTY VIRGILIO: I also, Chuck, what I saw,
4 I'd almost suggest that, now that we have this more
5 polished document, that we could work from this as
6 opposed to trying to go back to that slide package and
7 develop a set of slides. And I'm talking about maybe
8 six. If you're dealing with Hillary Clinton you've
9 probably got not much more time than that, based on this
10 package.

11 CHUCK CASTO: Yes, right. And I don't know
12 that there was more than six in that slide package.
13 I think there was less than that.

14 MARTY VIRGILIO: So can we take the lead
15 for developing a slide package based on this?

16 CHUCK CASTO: I think there is a tasker
17 there. There's already a tasker out there and I don't
18 remember what the number is but it says something about
19 develop a presentation.

20 ROY ZIMMERMAN: Is it a lot of work for you
21 to re-forward that slide pack?

22 CHUCK CASTO: No, no, I'll re-forward it.

23 ROY ZIMMERMAN: Good, can you just send it
24 to Marty and I and we'll distribute around here and
25 figure out whether we think that can fit with this or

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1 whether we should develop the new slides based on --

2 CHUCK CASTO: Yes, I think the slides, I'm
3 not sure we're going to sit and brief her, you know,
4 sit down across the table and brief her. I think we'll
5 probably provide the slide packet to her staff and brief
6 them. The slides are pretty detailed and we got
7 comments from like Jim Wiggins and other people made
8 comments on the slide pack. But I'll send it back in
9 again and we can polish that up and raise up the level
10 of thought on it.

11 The other thing is there's a couple of
12 different audiences. I have to brief a select group
13 of Cabinet members and Mr. Hosano from that, on that
14 comprehensive review.

15 So there's another level of detail that,
16 you know, maybe this slide package I'm sending to you,
17 Roy, maybe at the right level for Hosano but not the
18 right level for, you know, the Secretary of Navy,
19 Secretary of State, those people. So I'd suspect you're
20 probably going to have to have like two different kinds
21 of slide packages.

22 ROY ZIMMERMAN: Okay, thank you.

23 CHUCK CASTO: Because I think there's only
24 about 15 minutes for her on Sunday.

25 ROY ZIMMERMAN: Okay. Things that you

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1 want to pass in our direction that we haven't talked
2 about, as you get ready for your head to hit the pillow?

3 CHUCK CASTO: One thing that we're
4 struggling with right now is the notification process,
5 event notification process. We've been trying to work
6 on that since Monday night and really we're almost
7 nowhere with it. And I've been asked the last two nights
8 by the front office, they've asked me two nights in a
9 row for, you know, where are we at on that. And I don't
10 really have a good story. There's a couple --

11 ROY ZIMMERMAN: What is that issue? What
12 is the event notification process? Is it them telling
13 you or is it --

14 CHUCK CASTO: Yes, yes, we had that 7.1 the
15 other night and they lost power, lost offsite power and,
16 you know, we had a meeting that night, a Cabinet meeting
17 that night, and we suggested that we get an event
18 notification process worked out because, you know, we'd
19 like to know when an important event happens at the site.

20 And they agreed with that said, you know, let's work
21 up a process. And we agreed that night.

22 They wanted to just contact the Embassy.
23 They did not want to contact the NRC Operations Center.
24 I said fine, you know, call the Embassy Operations
25 Center.

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1 And then, you know, the Embassy Operations
2 Center will have a call out process, you know, call down
3 process. And they'll just call, they'll call USFJ,
4 they'll call our HOO, they'll call DOE, you know,
5 there'll be a call down process out of the Embassy.

6 ROY ZIMMERMAN: Okay.

7 CHUCK CASTO: So that was fine with me.
8 I didn't, you know, I didn't care who they called really,
9 you know. He said something about, Hosano said
10 something about, you know, we don't want to wake anybody
11 up. And I said well, our Operations Center never
12 hesitates to wake us up so you can call them.

13 But he wanted to call the Embassy Operations
14 Center and that's fine. So now we're trying to work
15 with, trying to develop a list of what events we would
16 want notification on. And of course, you know, they
17 don't want to call us on every, you know, minor event
18 and so we're working to try to come up with a list.

19 And then we have other agencies who are
20 dialing in on, you know, or wanting reporting criteria
21 in the list including like DOE, with the backpacks that
22 are out there, the air samplers, you know, those have
23 calorimetrics on them and if one of those alarm they
24 want NISA or TEPCO to notify the Op-Center, you know,
25 so we have the other agencies kicking in as well on

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1 notification criteria.

2 And of course, you know, I'm not sure that,
3 the Japanese already have a notification process that
4 they notify Embassies of events. But it's a very high
5 level notification process and it's a notification
6 process that goes to all Embassies.

7 So we think we have a special relationship
8 with them and would like to know at a different level
9 when events occur, because of the NRC.

10 ROY ZIMMERMAN: Sure, understand.

11 CHUCK CASTO: So that's an issue that's
12 been working for four days and really hasn't made a whole
13 lot of progress.

14 ROY ZIMMERMAN: Okay.

15 CHUCK CASTO: And I'm getting a lot of heat
16 from the front office about it so I've got to, tomorrow
17 I've got to, you know, put a priority, well I did the
18 last couple days put a priority on it but we're
19 struggling.

20 ROY ZIMMERMAN: When you say front office,
21 are you talking about the Ambassador or?

22 CHUCK CASTO: Yes, yes, the Ambassador
23 front office. There's always a front office everywhere
24 you go, you know? There's always a boss. But yes, the
25 Ambassador front office.

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1 ROY ZIMMERMAN: Okay.

2 MARTY VIRGILIO: Have you put forward a
3 proposal to them, Chuck?

4 CHUCK CASTO: Yes, we put a draft in front
5 of NISA today and they, that wasn't what they were
6 looking for, at that level. So we'll continue dialogue
7 with them to, you know, work out an agreement.

8 And, you know, what I was thinking about
9 was I had suggested to Brian Wittick that he maybe get
10 the Reactor Safety Team at Headquarters involved and
11 we could come up with some kind of, you know, maybe a
12 couple of items that encompass everything.

13 For instance, if they evacuate the site,
14 you know, for more than 15 minutes or 30 minutes,
15 something like that, that encompasses a lot of different
16 events, you know, high radiation, earthquake, you know,
17 that encompasses many, many different events they
18 evacuate the site for. And they often have, you know,
19 white smoke, whatever.

20 They often have evacuations up there so,
21 you know, I was thinking well maybe, you know, base it
22 upon an evacuation for more than 30 minutes or something
23 like that would capture a lot of them.

24 So I was trying to get perhaps somebody back
25 in the reactor safety team or all you, you know, bright

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1 thinkers back there to come up with a few key indicators
2 that would be helpful to us and limit the, you know,
3 the number of calls, but yet target what we're interested
4 in.

5 What we care about is if they evacuate, you
6 know, loss of offsite power or something like that where
7 they have to connect up, manually connect up fire
8 engines, that's important. Or if they have a building
9 collapse or, you know, whatever it is.

10 MARTY VIRGILIO: Could you send us whatever
11 you presented to them?

12 CHUCK CASTO: I will.

13 MARTY VIRGILIO: And then we could work it
14 back here.

15 ROY ZIMMERMAN: Sure

16 CHUCK CASTO: I'll do that. Let's see if
17 there's any, tomorrow I have two meetings, two meetings
18 with Mr. Hosano. One of them is regarding TEPCO's plan
19 for short and medium term plan. TEPCO's about to
20 produce their plan.

21 I've met with him before on the short range,
22 medium range, and long range plan and he wants another
23 personal meeting tomorrow before they publish their
24 plans. So I'll go over there and meet with him at TEPCO.
25 He's going to meet me over there.

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1 And then I have another meeting with him
2 tomorrow --

3 MARTY VIRGILIO: Hey, Chuck, on the plans,
4 how did they line up with our stability document?

5 CHUCK CASTO: The first edition, which I
6 think I sent back there doesn't line up and had a lot
7 of gaps. If you remember it was a --

8 MARTY VIRGIL: Have you gone through that
9 systematically and identified the gaps? Do you want
10 us to do that? I mean, how do you --

11 CHUCK CASTO: No I, Pete Lyons and I sat
12 and went through it and, you know, our team went through
13 it and Pete Lyons went through it with DOE.

14 And Pete Lyons and I sat with Mr. Hosano
15 and went line by line through the plans and talked with
16 him about the various line items on there, what the gaps
17 were. So this, he, Mr. Hosano, apparently has addressed
18 those gaps and is now ready to present the next version
19 of it.

20 MARTY VIRGILIO: Okay.

21 CHUCK CASTO: I'll see, if I haven't sent
22 that back, I thought maybe we had. But if I haven't
23 sent that back I'll send back the one that we sent back,
24 or the one that we had a week and a half ago, or whenever
25 Peter Lyons was here, Secretary Lyons, whenever he was

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1 here.

2 MARTY VIRGILIO: Okay that might be
3 informative but I think getting a look at the revised
4 plan --

5 CHUCK CASTO: Yes, right.

6 MARTY VIRGILIO: -- then as you get it would
7 be most helpful.

8 CHUCK CASTO: Yes, if he gives me a copy
9 of it I'll send it back there. And it, you know, it
10 really had a lot of, there were a lot of gaps. It did
11 not address salt, for instance, it didn't have reaching
12 top of active fuel, water on top active fuel until the
13 end of June.

14 There were a lot of, there were just a lot
15 of gaps, a lot of concerns with that plan.

16 MARTY VIRGILIO: Okay so we're, our
17 expectation is, is that they would have done something
18 to address the gaps.

19 CHUCK CASTO: Yes.

20 MARTY VIRGILIO: Okay.

21 ROY ZIMMERMAN: (b)(5)

22 (b)(5)
23
24
25

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(b)(5)

CHUCK CASTO: Yes that's a really good, I'm glad you guys brought that up before I meet with him tomorrow because I see that a lot, I see the alignment there. So that's, certainly for the short range plan.

Now the medium and long range plans, those are really decommissioning plans.

ROY ZIMMERMAN: Yes well misalignment on the short term, I think that, you know, the reentry criteria and so forth is the biggest concern.

MALE PARTICIPANT: I would just caution though, when we did the stability document it does not hide any specifics, action, time, or level of anything so we need to be careful of not applying it like a standard at a point in time as that was not the vision of preparation.

It doesn't talk about reentry, it doesn't talk about return, it doesn't talk about three months out or six months out. It's a general thought piece of things to consider, I think.

ROY ZIMMERMAN: Yes but when you combine them in the composite document, they talk to each other so --

MALE PARTICIPANT: Yes well I'm working on that. We're not combining the stability documents into

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1 the composite document. We're starting with a clean
2 sheet of paper for reentry and return. That's formed
3 by what we --

4 ROY ZIMMERMAN: It's formed by the
5 stability, right?

6 MALE PARTICIPANT: It needs to avoid the
7 structural problem that we have that the stability
8 document was never tied to this target end stake. And
9 it got tied that way, you know, by people thinking that
10 it was tied but that's not what was on the page. I mean
11 there was, no one wrote this around where should they
12 be in three months or six months, where should the be
13 on reentry or return.

14 ROY ZIMMERMAN: It wasn't where they would
15 be in three months or six months it's whenever the timing
16 is right and you're looking at reentering --

17 MALE PARTICIPANT: No.

18 ROY ZIMMERMAN: -- these are the kinds of
19 things you should be considering.

20 MALE PARTICIPANT: No, that is not correct.
21 I was involved with writing it. There was never in
22 its creation, a specific standard around reentry or
23 return or any distance on reentry or return. I just
24 point back, it's not here.

25 ROY ZIMMERMAN: I've got to think about

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1 that.

2 MALE PARTICIPANT: It was at a very high
3 conceptual level, NISA is working on longer term
4 stability, what would we expect to see?

5 And we got a whole bunch of input, some from
6 people in a decommissions mindset, some from people with
7 a nearer term mind set, but there's a lot of stuff on
8 this list (b)(5)

9 (b)(5)

10 MARTY VIRGILIO: And that's why we've
11 pulled the stack out of --

12 MALE PARTICIPANT: Yes.

13 MARTY VIRGILIO: -- (indiscernible,
14 possibly "stops") and are giving it to the line because
15 of all that confusion.

16 Because we actually created a lot of
17 confusion in here around well, stability one, and tying
18 that to grab and go and stability two, tying that to
19 reentry. And that was not the intent of the authors
20 so we've kind unscrambled that over the last couple days.

21 And now it's back in the hands of the line.

22 And I think you said it well. That document
23 is directional. That was sort of where we thought TEPCO
24 ought to be going and it includes a lot of information
25 that informs now our thinking about what should be grab

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1 and go and what should be reentry.

2 MALE PARTICIPANT: Yes, (indiscernible,
3 possibly "if that's what you want to call it.")

4 MARTY VIRGILIO: But there's no alignment
5 of Phase 1 to any specific action. They're just sort
6 of, these are things that you would want to do in a
7 progression, in a sequence that gets you to eventual
8 decommissioning at the site.

9 ROY ZIMMERMAN: Yes, I'm just thinking back
10 to the phone call you and I had with the Chairman when
11 I think he was looking for us to merge the documents.

12 MARTY VIRGILIO: Right but we've merged the
13 ideas.

14 MALE PARTICIPANT: Right.

15 MARTY VIRGILIO: Now we have in the
16 composite document, I haven't seen it --

17 MALE PARTICIPANT: Same exact thing, we
18 haven't touched it.

19 MARTY VIRGILIO: Okay. But now what we're
20 headed toward is a document that includes thinking
21 around infrastructure, deposition, and (indiscernible,
22 possibly "doge"), and reactor conditions. It's a
23 composite of those but it is not, let's take stability
24 one and tie that to grab and go.

25 MALE PARTICIPANT: Right.

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1 MARTY VIRGILIO: Which at one version it
2 had so it's now back in the line and they've got the
3 lead to figure this out.

4 MALE PARTICIPANT: And I really think
5 honestly the middle model uses, stability document was
6 developed and provided to a target audience. That was
7 (indiscernible, possibly "painful"), we're done.

8 Now we're working on plant status to give
9 us confidence to change our recommendations to U.S.
10 citizens. It will be informed by that previous document
11 but it's not stability. Stability is done, delivered
12 to OPE.

13 MARTY VIRGILIO: Or reactor conditions.

14 MALE PARTICIPANT: Right, yes.

15 MARTY VIRGILIO: Okay. As a matter of fact
16 I think we were headed towards even taking the word
17 stability out of the document so that we didn't create
18 --

19 MALE PARTICIPANT: Have a composite.

20 MARTY VIRGILIO: Have a composite and put
21 in reactor conditions, yes.

22 MALE PARTICIPANT: That's correct.

23 MARTY VIRGILIO: Okay.

24 MALE PARTICIPANT: That is correct.

25 MARTY VIRGILIO: That make sense to you,

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1 Chuck?

2 CHUCK CASTO: Yes I think we talked about
3 this last night about decoupling and I was, you know,
4 I thought that was a good idea.

5 The other meeting tomorrow I have with
6 Hosano and selected Diet members and the CNO from TEPCO,
7 we're just going to have a, just a thought sharing
8 session with the Ambassador on sort of the situation
9 and where it's headed, and just have a sort of a touch
10 base and talk about some of the issues that we have
11 concern about such as diversity and redundancy of water
12 supply, sweating, and those issues.

13 And, you know, most of them are in the
14 comprehensive, or they're all at least in the
15 comprehensive review that we did. So we expect to have,
16 I think that's tomorrow evening and since we're not
17 having a Cabinet meeting tomorrow night, we're a small
18 group of Diet members and TEPCO people and just the CNO
19 will be there. Ambassador's coming over and we'll just
20 talk through a few issues that are of mutual concern.

21 ROY ZIMMERMAN: Anything else, Chuck? We
22 don't want to keep you too long. It doesn't look like
23 the Chairman's going to join us, he's in another meeting.

24 CHUCK CASTO: Okay, let me walk through
25 some, the technical issues of the day. Spent fuel pool

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1 number 4 you all are aware the isotopic analysis and
2 the results of that, I presume. It looks favorable.

3 The isotopic analysis looks like no further fuel
4 damage, so --

5 ROY ZIMMERMAN: Is there some fuel damage?

6 CHUCK CASTO: I don't know that we know
7 that, Roy. It's just that the iodine, there was some
8 iodine in the samples but it was a small amount so there
9 was concern that there was recent fuel damage or recent
10 fissioning but the numbers are very small so, you know,
11 I don't know that we know about the past. It was a recent
12 water sample.

13 ROY ZIMMERMAN: Okay. So if there is
14 damage to the fuel, it looks like it's minor in nature.

15 CHUCK CASTO: Yes.

16 ROY ZIMMERMAN: And the iodine is not
17 guaranteed to have come from the Unit 4 spent fuel pool
18 and could have come from Unit 3 turbine building, being
19 connect to turbine building?

20 CHUCK CASTO: Yes, it could have been
21 deposition, could have, you know, and they're not
22 certain where the iodine that's in there now came from.

23 ROY ZIMMERMAN: Okay, thank you.

24 MALE PARTICIPANT: Except real quick on
25 that note, did they verify level as well?

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1 CHUCK CASTO: They added more water and,
2 added a lot of water today to Unit 4. And I don't know
3 that they know. They had a two hour (indiscernible,
4 possibly "CAHOC") flight today so we didn't have the
5 video results of it yet this evening.

6 MALE PARTICIPANT: Okay, thanks.

7 CHUCK CASTO: So we'll get that, I'm sure
8 that will be out tomorrow morning. The Unit 2 trench,
9 the pumped down and it immediately started to refill
10 again. So that leak is continuing.

11 ROY ZIMMERMAN: And they don't really know
12 the flow path into the Unit 2 trench.

13 CHUCK CASTO: No, no, the Unit 3 reactor
14 dry well temperatures are still high. We're not
15 absolutely certain to what that condition is. Pursuing
16 it but not, it's not explained yet.

17 ROY ZIMMERMAN: Confident in the
18 instrumentation?

19 CHUCK CASTO: Well, that's never really
20 high. I noticed today on the update from TEPCO there
21 were a number of instruments, like I think it was the
22 Unit 1 feed water nozzle instrument that they no longer
23 believe is credible.

24 There were a couple more that were added
25 today and it struck my mind of okay, you know, we're

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1 having more and more instrument failures, you know, and
2 because of the heat and radiation I just wonder if we're
3 seeing more, the earthquake the other night took out
4 one of those dry well cams and that's explainable.

5 But I wonder about some of these other
6 instruments that are, you know, I'm going to ask somebody
7 tomorrow to take a look at what's the trend on instrument
8 failure. Are we seeing more losses of instrumentation
9 or less or the same or whatever.

10 But it struck me today when I saw a number
11 of, in the TEPCO updates and it gave me some concern
12 that, you know, maybe radiation's had an effect on some
13 of these instruments, or temperature.

14 The other insight that came out today, and
15 I can't remember where the data came from but there's,
16 some have believed that the Unit 1 reactor may have four
17 feet of water in the dry well and it, the interesting
18 part about that is, there's a couple interesting part
19 about that.

20 If you have four feet in the dry well, that's
21 what we suggested to them, if they don't flood
22 containment they need to at least have four feet in it.

23 And it appears that they may have injected enough water,
24 we knew the other day that the dry well, one of the dry
25 well level centers had picked up on Unit 1 dry wells

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1 indicating that there was water coming into the dry well
2 from, you know, and the torus was full when it was coming
3 into the dry well.

4 Now they have another indicator that's a
5 little bit higher up that they believe was covered up
6 by water today. And that's four feet below the dry well.

7 So whether they intended to or not, they may be at that
8 four foot level which is one of the levels we suggested.

9 ROY ZIMMERMAN: Okay, best of our
10 knowledge, Chuck, this was not intended because they
11 didn't directly, to the best of our knowledge, ever feed
12 the dry well to flood up. This is by other means.

13 CHUCK CASTO: Yes it's leakage and the feed
14 and bleed. The other, we noted today, we had one of
15 the new team members noted today that, he had some
16 elevation drawings and noted that in Unit 1 the safety
17 relief valves are low in the dry well.

18 And if you do, there may be an issue if you
19 do flood up that dry well, that you would cover the safety
20 relief valve. So we probably will be talking to the
21 reactor safety team about that issue, and your reactor
22 safety team about that issue. It may not, we don't want
23 to say it's a good or a bad thing we're just saying if
24 you do flood the dry well and you cover up the safety
25 release valve, one of those we believe is stuck open

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1 and a couple of things, one you would submerge that stuck
2 open relief valve, the temperature would change and it
3 might close. I don't know if that's good or bad. We
4 had a lot of debate about that today.

5 And then the other issue is with the low
6 head pressure of the make up pumps they only pump, they
7 only have about 150 pounds of head pressure. If for
8 some reason a reactor pressurized, by covering up the
9 SRVs and the ASCO solenoids, you may lose your vent path
10 to vent the reactor.

11 So that issue was raised today by our guys.

12 So we don't know what all that means yet but we'll
13 continue to pursue it.

14 ROY ZIMMERMAN: Are they still inerting the
15 Unit 1 dry well or is that evolution over?

16 CHUCK CASTO: No, they're still inerting.
17 You know, now basically they're pumping in to leak rate.
18 You know, they think there's a 20, 30 percent a day
19 leakage of that volume.

20 MARTY VIRGILIO: So they're just matching
21 it.

22 CHUCK CASTO: They're just matching the
23 leak rate. It fluctuates, it decreases a little bit
24 and they pump it in and, you know, they're just matching
25 the leak rate at this point.

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1 ROY ZIMMERMAN: Do you have a sense of how
2 many people are on site now, you see on the NHK TV cranes
3 and the rubble trucks, you know, trying to clear some
4 of this stuff out. Are they gaining more access and
5 have more people working the site, do you have any sense?

6 CHUCK CASTO: I'll ask that question but
7 I don't have any new numbers. Last I had was 509 for
8 the number of people on site. I do know that they are
9 clearing rubble and however near the plant and in the
10 plant, the radioactive water is still limiting access
11 quite a bit.

12 The only other thing, tomorrow's a, well
13 two things, tomorrow, well let me finish today. We
14 talked over with them a lot about the flooding issue
15 and they brought up the pros and cons of venting, you
16 know, so we're not sure.

17 You know, some days we have positive days
18 about venting, or about flooding but today they, you
19 know, brought up the pros and cons of venting and the
20 decision, you know, the decision points with regards
21 to venting and the hazards to venting and the policy
22 issues related to venting.

23 So, you know, some days it's positive, some
24 days we run up against that hard stop that their desire
25 not to vent. I'm just, I don't know, I just lay that

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1 out there for whatever it's worth.

2 Tomorrow, we have extensive meetings
3 tomorrow. Today was kind of a light day. They were
4 digesting some of the assessments we've given them over
5 the last couple days. Tomorrow it's back on heavy again
6 engineer to engineer with MELCOR and stability,
7 primarily.

8 ROY ZIMMERMAN: Sounds like from what
9 you're saying, they're venting whether they want to or
10 not because if they're matching the inerting 20 percent
11 or so they're, you know, they're venting what their
12 leakage rate is.

13 CHUCK CASTO: That's right.

14 ROY ZIMMERMAN: So they're basically
15 venting regardless.

16 CHUCK CASTO: Well all three units are
17 actually venting, you know, the continuous vent from
18 all three of them, we believe.

19 ROY ZIMMERMAN: That's unfiltered
20 unfortunately, probably.

21 CHUCK CASTO: Right, it's uncontrolled
22 and, you know, but I guess somehow there's a difference
23 in their mind between flooding up, compressing the
24 bubble, and venting out, you know. It also depends on
25 where this leak is actually at and whether you're, you

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1 know, what you're venting.

2 But in their mind there's a difference
3 between pressing up the bubble and venting out, the
4 hardened vent out the top of the dry well and this leak
5 that's there that you can't control. Somewhere,
6 somehow in their mind there's a difference there.

7 ROY ZIMMERMAN: Okay. I wonder if GE
8 Hitachi has weighed in on that.

9 CHUCK CASTO: Not that I've heard. Well
10 they have in terms of our flooding paper, the consortium
11 document on flooding.

12 ROY ZIMMERMAN: Supporting it.

13 CHUCK CASTO: Yes.

14 ROY ZIMMERMAN: Okay.

15 CHUCK CASTO: Then as I said, tomorrow's
16 a heavy meeting day with a lot of meetings on MELCOR
17 and stability so it'll be a busy day tomorrow.

18 So I owe you the notification process
19 paperwork, there was the slide packages, I owe you
20 anything I get on long or short, long, medium, or short
21 range plan, I owe you, I'll check on the number of people
22 who might be at the site. And you all are going to take
23 the chronology out of the comprehensive document.
24 Those are the action items I've got.

25 ROY ZIMMERMAN: The reason for asking about

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1 the number of people is trying to get a handle on what
2 other kind of remedial work, remediation work is ongoing
3 at the site like the rubble removal where they may have
4 brought people in and so forth.

5 CHUCK CASTO: Yes I suspect, if I'm
6 guessing I would suspect those are SBF troops.

7 ROY ZIMMERMAN: Yes.

8 CHUCK CASTO: But I don't know that.

9 ROY ZIMMERMAN: Okay. Okay, time to start
10 counting sheep.

11 CHUCK CASTO: I thoroughly yes, I haven't
12 even gotten started yet. There's at least what, an hour
13 and a half or so left in the day. Then I get a new 24
14 hours.

15 MARTY VIRGILIO: You need some sake.

16 ROY ZIMMERMAN: Yes.

17 CHUCK CASTO: Yes. All right folks, have
18 a good day.

19 MARTY VIRGILIO: We'll talk to you next
20 time.

21 ROY ZIMMERMAN: Thanks for the call.

22 CHUCK CASTO: Talk to you soon, bye.

23 MALE PARTICIPANT: We should talk about the
24 expectations for the Enclosure 2 composite document that
25 Roy has from the (indiscernible, possibly "business

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1 stack").

2 MALE PARTICIPANT: Are you up to speed as
3 to what our tasking was in NRR? I'm the point of contact
4 for NRR and Fred, yes he volunteered to help us with
5 this, the composite document enclosure to, Fred was
6 involved early on and so he was tasked with going back
7 and it's very short enclosure two is only a page and
8 a half.

9 But he wants to go back, we've been asked
10 to go back and refine it along with input of course from
11 the environs around the infrastructure as you mentioned
12 yesterday. That's your part of the enclosure. But
13 we'll make sure we keep that in mind.

14 And then we were asked to have this
15 completed by close of business today, by 5 o'clock.

16 ROY ZIMMERMAN: This component of the
17 composite paper?

18 MALE PARTICIPANT: This component, yes
19 Enclosure 2.

20 ROY ZIMMERMAN: Okay and Enclosure 2 is the
21 reactor conditions or the --

22 MALE PARTICIPANT: That will be what it is
23 now. It used to be the stability, used to be named
24 stability but it will be named, yes.

25 FEMALE PARTICIPANT: Trish was walking

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1 around over there about 20 minutes ago so probably
2 looking to coordinate.

3 MALE PARTICIPANT: Good idea, Trish
4 Milligan?

5 MALE PARTICIPANT: I'll go out and find
6 her.

7 MARTY VIRGILIO: And then --

8 MALE PARTICIPANT: (Indiscernible,
9 possibly "Are you cluing") in that she owns the dock
10 --

11 FEMALE PARTICIPANT: She's the owner, yes.

12 MALE PARTICIPANT: Right, okay.

13 MALE PARTICIPANT: And the idea as Fred
14 stated earlier is the two pieces that will be in there
15 is the, essentially quick entry grab and go and then
16 the, we called it yesterday the retreat of a 50 mile
17 (indiscernible, possibly "fly process").

18 ROY ZIMMERMAN: And what the reactor
19 conditions out to be to be able to support that.

20 MALE PARTICIPANT: Right. And the target,
21 the target we discussed yesterday with Bruce Boger and
22 Tim Dyer (phonetic), and Marty, you know, there was
23 initial, and you were here, there was initial --

24 MALE PARTICIPANT: You were here?

25 MALE PARTICIPANT: There was initial

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1 discussion on what would we line up like a five mile
2 retreat or a ten mile retreat? And I think that the
3 end result was well, we should try to retreat back to
4 the Japanese 30 kilometer distance, that should be our
5 goal. And so that's what our task was.

6 ROY ZIMMERMAN: Yes, and they're moving
7 theirs out into the areas that --

8 MALE PARTICIPANT: (Indiscernible,
9 possibly "To make more meat.")

10 ROY ZIMMERMAN: They're going into the
11 areas where the hot spots are.

12 MALE PARTICIPANT: And then there was a
13 discussion, and Brian McDermott (phonetic) raised the
14 issue of, you know, do we have confidence of information
15 that we receive? And we had a dialogue in here regarding
16 that.

17 And then we've had a month now to
18 communicate with NISA and communicate with TEPCO and
19 I think we've gained confidence all along. And so in
20 the discussion that we have and, you know, TEPCO tells
21 us that the reactor vessel level is filled and we have
22 some, a lot more confidence today than we did at day
23 three or four or five on that information, so --

24 ROY ZIMMERMAN: But then, you know, I'm
25 saying that it's through PACOM through them to ask those

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1 questions about a lot of the different level and
2 pressures that were reporting in the Sitreps and wishing
3 we had confidence in them but still, (indiscernible,
4 possibly "so we") and we're footing a trend.

5 MALE PARTICIPANT: And we had an email this
6 morning from Tom (phonetic) and naval reactors --

7 MALE PARTICIPANT: Tom Robertson
8 (phonetic).

9 MALE PARTICIPANT: Tom Robertson, two
10 Tom's, yes, Tom Robertson. He was here yesterday and
11 he had suggested that he have a daily call with
12 essentially NRR and the point of contact. And I
13 responded back to Bruce and said no, because he wants
14 to know the status of the plant and what's going on.

15 I said no that as long as we're staffed in
16 here, he should have that call with, you know, our
17 analyst in here and not with the point of contact at
18 all except for specific items. He wanted to talk about
19 detailed engineering issue, then sure, NRR, we'll be
20 glad to get him the right people but --

21 ROY ZIMMERMAN: I agree with that.

22 MALE PARTICIPANT: Not in general.

23 ROY ZIMMERMAN: Okay.

24 MALE PARTICIPANT: Chairman Jaczko's
25 getting ready to come on the bridge.

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1 MALE PARTICIPANT: It's time for me to
2 leave.

3 ROY ZIMMERMAN: Thank you, guys.

4 MALE PARTICIPANT: Yes.

5 MALE PARTICIPANT: I appreciate it.

6 CHAIRMAN JACZKO: Hello?

7 ROY ZIMMERMAN: Chairman.

8 CHAIRMAN JACZKO: Hi.

9 ROY ZIMMERMAN: How are you?

10 CHAIRMAN JACZKO: Good.

11 ROY ZIMMERMAN: This is Roy Zimmerman. We
12 just got off the phone with Chuck.

13 CHAIRMAN JACZKO: Okay.

14 ROY ZIMMERMAN: Fair numbers of logistical
15 things going on, plants are pretty much the same, some
16 good news about (indiscernible, possibly "used worse
17 than") fuel pools like it is, it is covered. Doesn't
18 look like it, it is covered with water. There's still
19 a few remaining questions about the rad levels and do
20 we really know what the water level is and how high above
21 the fuel.

22 But the questions that we've been dealing
23 with over the last week and a half, two weeks about
24 whether it's covered or not, they determined that it
25 is covered with water and they continue to add when the

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1 level starts to drop down.

2 CHAIRMAN JACZKO: Okay.

3 ROY ZIMMERMAN: GE Hitachi is looking at
4 the potential ex-core issue of the fuel at that unit
5 and we expect to get their analysis --

6 CHAIRMAN JACZKO: Which unit is that?

7 ROY ZIMMERMAN: This is Unit 2.

8 CHAIRMAN JACZKO: Okay.

9 ROY ZIMMERMAN: Within our staff there is
10 a couple of folks that think they may have had a fuel
11 leave the vessel.

12 CHAIRMAN JACZKO: Yes.

13 ROY ZIMMERMAN: But that's not prevailing
14 unanimously through the staff. But it's worth looking
15 at. GE has been looking at it and they think by Monday
16 they'll be able to give us their results. (b)(4),(b)(5)

17 (b)(4),(b)(5)
18
19

20 CHAIRMAN JACZKO: Good.

21 ROY ZIMMERMAN: The reentry and grab and
22 go is still being worked. A few things that we just
23 picked up on the NHK TV station this morning, one of
24 their senior officials was talking about their
25 priorities.

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1 And they figure it will be two to three
2 months, again this is coming from over the media but
3 it is from a Japanese official, two to three months for
4 stability, without a definition of what stability is.

5 CHAIRMAN JACZKO: Okay.

6 ROY ZIMMERMAN: Assuming everything goes
7 well, the primary things they're dealing with are
8 control of the contaminated water and the fuel cooling
9 systems that they need to put in place so they can move
10 away from, you know, the one through approach that
11 they're using now for core cooling.

12 CHAIRMAN JACZKO: Okay, good.

13 ROY ZIMMERMAN: Their time for core damage
14 as they mentioned on the news broadcast was longer than
15 ours. Ours is about ten hours if they were to lose
16 cooling. There's is two to three days and we'll take
17 a look at that, work with the site team on that aspect.

18 CHAIRMAN JACZKO: Okay, good.

19 ROY ZIMMERMAN: It was mentioned on the
20 same program that the tsunami was two and a half times
21 higher than their design and that the focus in the design
22 of the plants which are older plants was more on
23 earthquake that it was on tsunami.

24 CHAIRMAN JACZKO: Okay.

25 ROY ZIMMERMAN: Chuck has provided into us

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1 the interim safety assessment that they've been working
2 on. We're going to take the lead on that document from
3 this point forward. And he feels he has what he needs
4 for the discussion with Secretary Clinton.

5 CBS, 60 Minutes, I think Ellie (phonetic)
6 is going to bring them through here for a scouting
7 expedition early this afternoon.

8 CHAIRMAN JACZKO: Okay.

9 ROY ZIMMERMAN: I think they're, no cameras
10 there, this is just for a piece they're working on for
11 later on.

12 I understand that Barbara Mikulski is going
13 to be visiting the Ops Center on Monday and we're working
14 to get some more information about that.

15 Through the, this is a more significant
16 item, they've been busy with turnover at the team level.

17 They had six people leave today and they have new people
18 coming in so they're doing a lot of turnovers, still
19 will come out with their 11 people when all is said and
20 done.

21 CHAIRMAN JACZKO: Yes, okay.

22 ROY ZIMMERMAN: The Embassy is preparing
23 for return of workers to the Embassy and also return
24 of U.S. citizens to the Tokyo area. There's a
25 Department of State memo that is expected to get issued

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1 today.

2 This is all going to happen, play out in
3 the next couple of days. Schools start on Monday so
4 the things they're working on or talking about how the
5 food supply is monitored, they're not planning on
6 providing KI to people that left, that voluntarily left
7 the area, upon their return. And this will apply like
8 I said to non-Embassy people. That comes down to about
9 2000 people in the Tokyo area.

10 CHAIRMAN JACZKO: Okay.

11 ROY ZIMMERMAN: We're going to be doing a
12 little bit of tracking of a Japan overflight, some data
13 that's reported that shows slightly higher cesium levels
14 closer to Tokyo, not in that Northwest sector that we're
15 used to.

16 CHAIRMAN JACZKO: Yes.

17 ROY ZIMMERMAN: So we'll be running that
18 down.

19 CHAIRMAN JACZKO: Okay.

20 ROY ZIMMERMAN: We were talking with NRR
21 this morning about the composite paper the, you know,
22 the grab and go, the (indiscernible, possibly "AC") 50
23 mile reduction and what we used to call stability.

24 They clarified that the stability is really
25 a stand alone document that is completed that the

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1 protective measure that gives a composite document will
2 be coordinated with reactor conditions.

3 CHAIRMAN JACZKO: Okay.

4 ROY ZIMMERMAN: So we're sort of using that
5 term more than stability now.

6 CHAIRMAN JACZKO: Okay.

7 ROY ZIMMERMAN: You need to know the
8 reactor conditions. The spent fuel pool back on number
9 4, the isotopic analysis looked pretty good. They did
10 see some very small amounts of iodine. That doesn't
11 mean that there was a criticality in the spent fuel pool
12 of number 4, it could have been deposition from another
13 unit that's --

14 CHAIRMAN JACZKO: Yes, okay.

15 ROY ZIMMERMAN: -- (indiscernible,
16 possibly "I mean it's lay") there. They pumped down
17 the Unit 2 trench but it's refilling. Other things are
18 even more in the grass, Chuck estimated about 500 people
19 on site, clearing rubble and things of that nature.

20 CHAIRMAN JACZKO: Mike, however, mentioned
21 to me this morning elevated temperatures in Unit 3?

22 ROY ZIMMERMAN: Yes, the dry well
23 temperatures are high, higher. They're looking where
24 there could be an instrumentation problem, hasn't been
25 determined yet whether the belief that the temperatures

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1 are real or whether it's instrumentation failures or
2 precursors.

3 So the reactive safety team is working with
4 the site team on that.

5 And that's the highs and anything else?
6 I think that's what we've got for you this morning.

7 CHAIRMAN JACZKO: Okay, good. Thanks,
8 Roy, well keep me posted and so, sounds like some good
9 news on the pools.

10 ROY ZIMMERMAN: Yes, particularly that
11 Unit 4 pool which was the question mark for us.

12 CHAIRMAN JACZKO: Yes, good, good. Okay,
13 well good. Keep me posted if anything changes.

14 ROY ZIMMERMAN: All right, you have a good
15 day.

16 CHAIRMAN JACZKO: Thanks, Roy.

17 ROY ZIMMERMAN: Bye now.

18 CHAIRMAN JACZKO: Bye.

19 (CONFERENCE CALL ENDED)
20

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(CONFERENCE CALL INITIATED)

0 (B5#G6L13765094

HOO: Headquarters Operations Officer.

I'm going to begin the conference with a roll call.

OPERATOR: There are currently 14 participants in your conference. The following people are in the conference.

HIRONORI PETERSON: Hironori Peterson, Region III.

LINDA HOWELL: Linda Howell, Region IV.

DENNIS OLSEN: Dennis Olsen (phonetic), (indiscernible, possibly "Federal Tab").

MALE PARTICIPANT: Region IV Duty Officer.

BRIAN HARRIS: Brian Harris, OTC.

BETH HAYDEN: Beth Hayden, Public Affairs.

PAT CASTLEMAN: Pat Castleman, Commissioner Svinicki's Office.

KEN HART: Ken Hart, SECI.

ANGELA MCINTOSH: Angela McIntosh, FSME.

BILL ORDERS: Bill Orders, Commissioner Magwood's Office.

HOO: Headquarters Operations Officer.

TOM HIPSCHEMAN: Tom Hipschman, Chairman's Office.

MIKE SNODDERLY: Mike Snodderly,

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1 Commissioner Apostolakis' Office.

2 OPERATOR: Roster playback is complete.

3 ROY ZIMMERMAN: Well good morning, this is
4 Roy Zimmerman in the Operations Center. Everybody hear
5 me okay?

6 MALE PARTICIPANT: Yes we hear you fine,
7 Roy.

8 ROY ZIMMERMAN: Okay, great. So we'll
9 start off with a little bit of good news. Plant status
10 remains about the same. The positive news is with
11 regard to the Unit 4 spent fuel pool, not sure if you've
12 heard this or not, but they have confirmed that it is
13 filled above the fuel with water, they've been adding
14 every few days with their concrete truck.

15 And they did an isotopic analysis on it and
16 do not believe that there was any core damage associated
17 with Unit 4 spent fuel pool. There was some iodine,
18 very trace amounts that raises questions about whether
19 there might have been a criticality.

20 And the thought is it may have deposited
21 from one of the other sites nearby. So they can't rule
22 it out, they can't rule out some minor core damage but
23 their thought is, is that they don't believe that they
24 had that in there. We now have confirmation that the
25 spent fuel pool was covered.

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1 Had a conversation with Chuck Casto this
2 morning. He indicated that yesterday the team was
3 focused on turnover of their staff. Six people left
4 yesterday and new staff that has recently arrived have
5 floated into his team and we're back to 11 individuals
6 remaining in country.

7 The U.S. Embassy is preparing for the return
8 of U.S. citizens, both to the Embassy and U.S. citizens
9 that work around the Tokyo area. The Department of
10 State is likely to issue a memo today that will be
11 addressing their return and the basis why it's
12 considered safe and this was coordinated with the
13 interagency community.

14 Schools start on Monday which is one of the
15 drivers. And information will be provided on how the
16 food supply is being monitored and so forth to be able
17 to, you know, answer the questions of the people that
18 are returning to the area. They do plan on stopping
19 distribution of KI because it's not needed at the present
20 time.

21 Related to that, Japan overflight I think
22 from last night or the night before, did show some higher
23 cesium levels a little closer to Tokyo which we're
24 following up on with the protective measures team here,
25 try to understand that. We've always talked about that

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1 Northwest Keyhole area. This is the first time we saw
2 some larger cesium deposition closer to Tokyo.

3 Chuck is getting prepared for the briefing
4 for Secretary Clinton on Sunday. He's also working to
5 get, he feels he's pretty well tied in, but will have
6 to get tied in better on event notifications, you know,
7 similar to what we do here.

8 He hadn't heard about the impact at the site from
9 that most recent aftershock a day or two ago, you know,
10 they didn't want to wake him so he's saying, no, wake
11 me up, make sure you let us know about things that are
12 important to you when things occur in real time out at
13 the sites.

14 On Friday, Chuck's going to be meeting with
15 TEPCO to discuss their short term, intermediate, and
16 long term visions for the site. That will get into
17 decommissioning and so forth.

18 But the short term and intermediate will
19 be his primary focus. And we want to make sure that
20 what TEPCO is planning on rolling out that they're aware
21 of our composite paper that we're putting together and
22 to try to avoid any potential inconsistencies between
23 what TEPCO is planning on doing and what we may be saying
24 in our composite paper.

25 One aspect of our composite paper that is

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1 modifying a little bit in the last few days is although
2 it has the 50 mile evacuation reduction considerations
3 included at a grab and go, what we used to talk about
4 was having the stability aspect in there.

5 The stability has been taken out, it's a
6 stand alone document that was not meant to be added to
7 these two and something's replacing it which is in my
8 mind fairly similar and that's reactor conditions. So
9 that you marry up your reactor conditions with the
10 protective measures, what your knowledge is through
11 surveys and the like. And then that informs your grab
12 and go and the potential for modifying a 50 mile
13 evacuation zone.

14 There's about 500 people onsite right now.

15 They are doing rubble removal you can see on some of
16 the TV stations that are carrying what's going on at
17 the site.

18 Again their primary focus is on the water
19 management and building the fuel cooling system which
20 is what leaves them to say it will be about two to three
21 months before they feel this is the, TEPCO and NISA,
22 feel to stabilize site conditions until those are done.

23 On the NHK news program it mentioned that
24 the tsunami was two and a half times higher than the
25 plant design for a tsunami. And that when they designed

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1 this older facility it was more focused on earthquake
2 criteria than tsunami.

3 Chuck's been working on an interim safety
4 assessment that here in headquarters we'll take the lead
5 over. He's provided us the draft of it so we will comment
6 on it and finish that document up.

7 Other things that are ongoing, PACOM is
8 looking for a longer term access to NRC expertise down
9 the road and we'll visit whether there's a need to
10 replace vents out in Hawaii or whether through our 24/7
11 contact with the HOO we're able to identify somebody
12 here that can be able to assist PACOM rather than having
13 somebody standing at the Admiral's side. So we're
14 working on that.

15 We're also working to support Chuck's team
16 on an intermediate phase and just some (indiscernible,
17 possibly "pathway doge") determination. And then DOE's
18 involved with that as well.

19 Lastly we have CBS, 60 Minutes I think,
20 Ellie (phonetic) is bringing them through today for a
21 scouting expedition for a story related to either Japan,
22 nuclear power, or both, later on today. And then we're
23 also expecting a visit this coming Monday from Senator
24 Mikulski at 10 o'clock on Monday and we're coordinating
25 with OCA and others in terms of what conditioned her,

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1 the Senator's, visit.

2 So with that I will take a pause and ask
3 for questions on anything I covered or didn't cover.

4 BILL ORDERS: Hi, Roy, it's Bill Orders.
5 How are you?

6 ROY ZIMMERMAN: Good, Bill, yourself?

7 BILL ORDERS: Question for you. The RST
8 Assessment paper, there are at least two. One is dated
9 the 26th and the other is 3/31. Is there anything later
10 than that or is 3/31 the latest version?

11 ROY ZIMMERMAN: The last thing that I had
12 heard was that we were working on Rev 2 of that paper.
13 March 31 is fairly recent but that's not it.

14 MIKE BROWN: We had something to explain
15 (inaudible).

16 ROY ZIMMERMAN: Okay, why don't you
17 (indiscernible, possibly "stat").

18 MIKE BROWN: Okay, this is Mike Brown
19 (phonetic) with the RSC. We've been working on updating
20 the Rev 2 version and it has changed significantly since
21 the Rev 1 version.

22 Currently I think the latest revision would
23 be dated somewhere around 4/11 or 4/12, I can check on
24 that. I was going to get the latest version
25 (indiscernible, possibly "highlighted") because my

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1 understanding is that they were taking over ownership
2 of the RSC (indiscernible, possibly "rather than do the
3 plans for that").

4 BILL ORDERS: Well if you could provide the
5 latest version to the Commission Offices that would be
6 helpful. And I just wanted to tell you that the 3/31
7 version, I understand is going to be delivered to Senator
8 Boxer this morning.

9 Yes, I would think that when the OCA does
10 that, or Congressional Affairs when they do that, they
11 might want to tell her that there's a later version and
12 maybe deliver that sometime in the future.

13 MIKE BROWN: Let me clarify, the 3/31 is
14 the latest approved version.

15 BILL ORDERS: Okay.

16 MIKE BROWN: Everything that has gone on
17 since then is just a draft and so, you know, typically
18 what happens is, is we'll get feedback in that says okay,
19 we'd like to update it based on the changing plant
20 conditions or other tasks they have done, so we're
21 updating it.

22 But then after we update it we send it back
23 out to everyone for comment. We get comments on it,
24 we incorporate the comments. So it's sort of a work
25 in progress.

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1 3/31 is the last one that everybody said,
2 you know, yes we approve of this document we concur with
3 it, go. I don't know that we really want to give drafts
4 out to other departments or anything. They're more of
5 an internal.

6 ROY ZIMMERMAN: Yes I think Bill's comment
7 is a good one that all we would do is have OCA mentioned
8 to her not give her, but mention to her that we're working
9 on another Rev so that she's aware of that. As plant
10 conditions change we continue to modify our assessment.

11 But I think it's good for context for her
12 to be aware of it and if she's interested, when that
13 document is official then you'd be able to share it with
14 her if she desires. And that's a matter of just getting
15 word over the --

16 BILL ORDERS: Yes that's exactly right,
17 Roy. And as far as unofficial versions, if you could
18 provide the latest to the Commission Offices we'd
19 certainly appreciate that.

20 ROY ZIMMERMAN: We'll shoot you a draft.

21 BILL ORDERS: I understand.

22 BETH HAYDEN: Hey Roy, this is Beth Hayden.

23 I just wanted to clarify that the 50 mile recommendation
24 still stands.

25 ROY ZIMMERMAN: Yes.

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1 BETH HAYDEN: Okay, is that under
2 consideration?

3 ROY ZIMMERMAN: Yes that's part of the,
4 what we call the composite report which is a draft
5 document being shot through the departments and agencies
6 and also with the site team. One of the things that
7 would do was look at potential relaxation criteria for
8 the 50 miles and that would be informed by reactor
9 conditions.

10 BETH HAYDEN: Okay, thank you.

11 ROY ZIMMERMAN: You're welcome.

12 PAT CASTLEMAN: Roy, this is Pat Castleman.

13 We got a copy of a composite document and it has as
14 Enclosure 2, simplify plant condition stability
15 determination. Do I understand that that has been, that
16 this section has been replaced with a reactor conditions
17 assessment or something like that?

18 MIKE BROWN: This is Mike with Reactor
19 Safety Team. My understanding is that that's been, the
20 whole composite document has been moved over to NRR and
21 they're revising that to, instead of having conditions
22 or stability terms which may be confused with a prior
23 stability document that laid out a Phase 1 and Phase
24 2, they're now going to reactor conditions which would
25 lay out the conditions that should be met before we would

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1 allow people to do, say the grab and go or long term
2 reentry.

3 PAT CASTLEMAN: Oh I see, okay. So if we
4 want to get a copy or get updated on that we've got to
5 go to NRR then.

6 KATHY BROCK: Actually it's Patricia
7 Milligan and NSIR that has the lead with NRR as the
8 consult. But I think that with the rework that's going
9 on, this is Kathy Brock, by the way. But the next version
10 you'll see will look a bit different than the last 21.

11 PAT CASTLEMAN: Thanks, okay good, thanks.
12 Yes, ours is Rev 19A. Now regarding this document,
13 last conference call we were told that it was going to
14 be discussed at an IPC on Tuesday afternoon. Do we have
15 any feedback on that?

16 ROY ZIMMERMAN: We did receive a little bit
17 of feedback from it and it sounds like it was a very,
18 very light touch and just basically indicated that the
19 interagency was working on it and really didn't go into
20 much detail and there were not, still were not questions
21 associated with it.

22 PAT CASTLEMAN: Appreciate that. Thanks,
23 Roy.

24 ROY ZIMMERMAN: Sure.

25 PAT CASTLEMAN: I'm a little confused here

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1 about the interim safety assessment that was drafted
2 by Chuck Casto and that you all are smoothing. How does
3 that differ from the other documents that have been
4 produced?

5 ROY ZIMMERMAN: I haven't read it yet so,
6 I'll be reading it today. But I believe what it tries
7 to do is put their first-hand knowledge impression on
8 the site and try to assist things from an in-country
9 perspective.

10 Again, we're going to read it here in
11 headquarters today and provide our feedback and
12 basically take over the issuance of the document, if we
13 see that it's not overlapping some other document.

14 PAT CASTLEMAN: Okay.

15 ROY ZIMMERMAN: I think the feeling right
16 now, again having not read it, I think the feeling is
17 that it is a stand alone document that does add value
18 in the areas that we haven't spoken to before but tries
19 to give a high level sense of how the site team sees
20 things.

21 PAT CASTLEMAN: Okay, thank you. Bouncing
22 around here, one thing that you mentioned was that the
23 Embassy is stopping distribution of KI because it's not
24 needed. Do we know if anybody in either, you know, the
25 Department of State or Department of Defense communities

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1 over in Japan actually directed or recommended that
2 people actually take KI?

3 ROY ZIMMERMAN: We're looking to each other
4 trying to remember whether it was recommended or not.

5 KATHY BROCK: I'll look into it.

6 ROY ZIMMERMAN: Yes, we'll look into it
7 rather than try to trust our memories on it. Then we'll
8 get something around to be able to answer that question.

9 PAT CASTLEMAN: That's not an immediate
10 thing. You can take your time, you know, if you happen
11 to come across it. I was just curious because I hadn't
12 heard of it. I had heard that they had distributed it
13 in some commands and other commands they didn't even
14 distribute it.

15 So, you know, it's just kind of up in the
16 air and I was just kind of wondering, you know, and I
17 think it's part of our long term look. Our group is
18 probably going to take a good look at that too, a KI
19 policy and how it was actually implemented and how that
20 could impact our KI policy here.

21 ROY ZIMMERMAN: And the way we understand
22 it is that because there's no need at this point in time,
23 you know, when they're returning they're going to
24 explain to them why they're not being given KI because
25 I do believe they were at least, at a minimum, offered

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1 it if they wanted it when they left.

2 This may change. Hopefully it won't and
3 things will continue to stabilize but the fact that
4 they're stopping distribution of KI now doesn't mean
5 that they may not get with the bases somewhere down the
6 road. Hopefully that won't be the case.

7 PAT CASTLEMAN: Yes I wouldn't imagine, you
8 know, just given the levels of iodine that are out there.

9 And, you know, and the other thing, it kind of ties
10 in to what the PMT's doing, you know, assisting in the
11 intermediate phase, dose ingestions.

12 ROY ZIMMERMAN: Right.

13 PAT CASTLEMAN: I was wondering, who are
14 they assisting on that? Is this kind of a Japanese
15 government thing or a TEPCO thing or?

16 ROY ZIMMERMAN: Yes I'm just taking a look
17 back through the notes to see. And I'm not sure. I
18 know we're coordinating internally with the DOE and,
19 you know, making sure that there's alignment there.
20 But in terms of where did the request come from, that
21 will be another item we'll have to check on.

22 PAT CASTLEMAN: Yes because I would imagine
23 that, you know, one question I have is who is the audience
24 and then the other thing is, that gets really complicated
25 here is, do you use hypothetical worst-cases or do you

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1 use actual data? Do you include --

2 KATHY BROCK: Actual data.

3 PAT CASTLEMAN: Actual data?

4 KATHY BROCK: Yes.

5 PAT CASTLEMAN: Okay. And then how about,
6 would you consider food that's being quarantined versus
7 food that's not being quarantined?

8 KATHY BROCK: I think if it's quarantined
9 we assume people don't eat it.

10 PAT CASTLEMAN: Okay. Well those are the
11 kind of, you know, open questions that again, I'm not
12 saying I need answers on these things and what not but
13 those are the kind of things that, you know, as this
14 information filters up to the Commission I'm going to
15 be, you know, scrubbing for my principal, you know, for
16 consideration.

17 Because all these things are eventually
18 going to come up to the Commission and they're going
19 to influence what we do later.

20 Okay I think that's all I have. Thank you.

21 ROY ZIMMERMAN: All right, good questions,
22 thanks. Because we don't know where the request came
23 through or (indiscernible, possibly "it felt")
24 initiated or where the request came from for that time.
25 Okay, we'll work it.

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1 Other questions please?

2 BILL ORDERS: Hey, Roy, this is Bill again.

3 As the Ops Center team reduces in size it sounds like
4 some of the products are being, I'll used the term farmed
5 out to the other offices. Do you still want to have
6 the protocol to go through the Ops Center to get to the
7 people? Because if not I think you might lose control.

8 ROY ZIMMERMAN: Yes, I think that's a good
9 idea, you know, I think it's good to have a central
10 location where at least we have a handle on what the
11 requests are and so forth. And again, that heavy
12 lifting may be being done by the line organizations but
13 we don't want to take a chance at having the Ops Center
14 on the outside looking in.

15 BILL ORDERS: That was my thought.

16 ROY ZIMMERMAN: Yes, it's a good though.

17 Thank you.

18 BILL ORDERS: Well that being the case,
19 Roy, what would be our avenue to get to you? Now we
20 had I think it was ETO7 or something like that to send
21 emails to. Is there a central point over there if we
22 have a question to get to the Ops Center?

23 KATHY BROCK: I'd do OSTO1 because that's
24 best.

25 BILL ORDERS: OSTO1?

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1 KATHY BROCK: Yes.

2 BILL ORDERS: Okay, we'll use that.

3 PAT CASTLEMAN: This is Pat Castleman
4 again. I just have one more loose end to tie up here
5 and that is, we were briefed previously that in
6 preparation for Chuck Casto's briefing to the Secretary
7 of State, that there was something called a global
8 assessment document that was being prepared. And last
9 we heard it still hadn't been finalized or wasn't in
10 a condition to share. Is there a prognosis on when that
11 will be provided to the Commission?

12 ROY ZIMMERMAN: I think that's the same
13 document --

14 KATHY BROCK: No, not as the composite, no.

15 ROY ZIMMERMAN: No, the interim safety
16 assessment that we received.

17 KATHY BROCK: Oh.

18 ROY ZIMMERMAN: I think the interim safety
19 assessment that Chuck asked us to comment on, the one
20 I said I'm going to read this afternoon, I think that
21 is the global assessment.

22 PAT CASTLEMAN: Okay, good.

23 ROY ZIMMERMAN: I'm pretty confident
24 they're on and the same.

25 PAT CASTLEMAN: Okay, understood. Then

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1 let's see, and he's briefing her on Monday?

2 ROY ZIMMERMAN: I think he said Sunday.

3 PAT CASTLEMAN: Sunday.

4 ROY ZIMMERMAN: His Sunday.

5 PAT CASTLEMAN: Yes it would be good if,
6 you know, we could just get by email at some point before
7 the briefing so our Commissioners can see it, you know,
8 the material that's going to be used to brief the Cabinet
9 Secretary before it happens rather than afterwards, if
10 that's possible.

11 ROY ZIMMERMAN: Yes we'll email him. It's
12 his nighttime now so he's probably sleeping but we can
13 try to get the briefing material that's going to be used.

14 He talked about using those slides that he's developed
15 for briefing his staffers and I think, her staffers,
16 and I think he was looking at just chatting with her.

17 I think he has a total of about 15 minutes
18 and was thinking of just dialoguing with her but using
19 the, considering using some slides with the staffers
20 which I assume he has a little bit more time with. But
21 we'll see. We'll see what briefing material is there
22 and what we can send your way.

23 PAT CASTLEMAN: All right, great. Thank
24 you very much, Roy.

25 ROY ZIMMERMAN: You're welcome.

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1 MIKE SNODDERLY: Roy, this is Mike
2 Snodderly. I just had one question. You talked about
3 the plant designed to two and a half times, or the tsunami
4 was two and a half times greater than the plant's design.
5 What is your understanding that the plant design is
6 or what was the (indiscernible, possibly "high or that
7 was") the design flaw?

8 ROY ZIMMERMAN: Seven meters is what I
9 believe it was.

10 MIKE SNODDERLY: Seven meters? Thank you.

11 ROY ZIMMERMAN: Yes and the two and a half
12 times was something that I heard on the news so it's
13 something I'd want to validate. Even though it was
14 being spoken by a Japanese official, I think we'd want
15 to make sure that it was something that TEPCO would
16 support.

17 MIKE SNODDERLY: Okay thanks, Roy. And
18 then also just to support what Pat and Bill were saying
19 that, you know, my Commissioner's been asking a lot about
20 Senator Clinton's briefing and so yes, if we could get
21 a copy of the slides that were presented to her staffers
22 I think that would do a lot to help them understand what
23 information's seen.

24 ROY ZIMMERMAN: Okay, that sounds fine.
25 Just stay patient with us it's going to have to wait,

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1 you know, it's going to wait a shift so hopefully --

2 MIKE SNODDERLY: Oh of course, yes.

3 ROY ZIMMERMAN: -- hopefully you'll have
4 it tomorrow.

5 MIKE SNODDERLY: Yes we know Chuck needs
6 his rest. We really appreciate what he's doing.

7 ROY ZIMMERMAN: All right so I think he
8 ought to be able to do it tomorrow.

9 MIKE SNODDERLY: Okay.

10 ROY ZIMMERMAN: Yes there was some talk I
11 believe that an earlier copy of his slides might have
12 been sent in which I don't think I have yet. But if
13 we do get something useful that he may have sent in
14 previously, even if it's a draft we'll try to send it
15 to you today so at least you get a peak at it.

16 MIKE SNODDERLY: Thanks.

17 ROY ZIMMERMAN: Any other questions?

18 TOM HIPSCHEMAN: Yes, Roy, Tom Hipschman.

19 ROY ZIMMERMAN: Yes.

20 TOM HIPSCHEMAN: I just wanted to confirm
21 that you said the analysis of the Unit 4 spent fuel pool
22 indicates that there was no damage.

23 ROY ZIMMERMAN: Yes, the isotopic analysis
24 did not show core damage --

25 TOM HIPSCHEMAN: You mean fuel damage,

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1 right? When you say core damage --

2 ROY ZIMMERMAN: Fuel damage, yes, excuse
3 me, fuel damage.

4 TOM HIPSCHEMAN: Okay.

5 ROY ZIMMERMAN: There was some iodine but
6 the analysis was positive.

7 TOM HIPSCHEMAN: And that was the pool that
8 at one point we thought was nearly empty and there might
9 have been a fire in that one at one point?

10 ROY ZIMMERMAN: Yes we really had very
11 little information. They tried to use thermography,
12 they tried to use a camera but there was too much steam
13 to be able to look in there. They were having a very
14 difficult time trying to determine whether there was
15 water in there or not.

16 TOM HIPSCHEMAN: Sure, sure, I understand.

17 ROY ZIMMERMAN: This was encouraging news.

18 TOM HIPSCHEMAN: Yes it is. Yes I just
19 wanted to make sure I got that right because it's very
20 different than what we thought in the past and it is
21 good news.

22 ROY ZIMMERMAN: Yes it is good news and I
23 think they're still questioning, next level of detail
24 is that, you know, some of the level, they're not sure
25 that they're, they know that the fuel is covered, you

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1 know, how many meters it's covered is a question. The
2 temperature tends to go up a little bit and the rad levels
3 are still high for the water level.

4 So there's a couple of inconsistencies,
5 some of which staffers and OSCP are asking about. So
6 there is an effort underway to try to understand, are
7 they taking their radiation levels and then
8 back-calculating the water level or the other way
9 around?

10 But why does it look like the water level
11 and the radiation levels are not fully aligned? And
12 we're trying to work our way through that with the site
13 team.

14 TOM HIPSCHEMAN: Okay, thank you.

15 ROY ZIMMERMAN: You're welcome.

16 BILL ORDERS: Hey, Roy, this is Bill again.

17 What data point that I saw this morning in one of the
18 reports that I read indicated that, I guess it was TEPCO
19 actually took a water temperature with a probe on the
20 end of a boom or something. So I think they've got a
21 pretty good indication now of real vessel temperature
22 and level.

23 ROY ZIMMERMAN: Yes, thank you. I think
24 I might have heard that quickly as well. Thank you.

25 But I think that still was raising a

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1 question about whether it jives with the rad level so
2 there's still some work to be done there. But overall
3 the news is positive.

4 BILL ORDERS: Well with reduced level
5 you're going to get increased shine out of that pool
6 because the level produces some shielding for you, the
7 water.

8 ROY ZIMMERMAN: Right. And I guess
9 they're just saying that it was, somebody at least
10 downtown thought it was inconsistent for that water
11 level what the rad levels would be. They thought it
12 was too high. And we'll work that out.

13 BILL ORDERS: Well and they shouldn't
14 forget that there's 1331 assemblies in there.

15 ROY ZIMMERMAN: Sure. Other questions?
16 Okay if there's no further questions then I thank you
17 for dialing in and I guess with the modified schedule
18 the next call will be on Tuesday unless something is
19 breaking news and we'll get a hold of you in real time.

20 BILL ORDERS: Thanks, Roy.

21 ROY ZIMMERMAN: Thank you.

22 MALE PARTICIPANT: Great, Roy.

23 ROY ZIMMERMAN: Have a good day.

24 MALE PARTICIPANT: You're cutting back
25 this call to like once a week or like --

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1 ROY ZIMMERMAN: Tuesdays and Thursdays.

2 (CONFERENCE CALL ENDED)

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1 (CONFERENCE CALL INITIATED)

2 0 (B7\$UG613765094

3 GLENN TRACY: Hello?

4 JENNIFER EWELL: Hi, this is Jennifer
5 Ewell.

6 GLENN: Hi Jennifer, it's Glenn
7 (phonetic). I just wanted to make sure I had a live
8 line. Thank you.

9 MALE PARTICIPANT: You got a live line,
10 you're on.

11 MICHELE EVANS: Okay, all right, yes this
12 is Michele Evans. We've got a whole room of points of
13 contact I believe in here, in the Ops Center. And I
14 also had invited whichever ET Directors were available
15 kind of last minute, to listen in on the conversation.

16 We're trying to get aligned on the direction
17 going forward here with the Ops Center. Over the
18 weekend, I guess Friday, we were given the go-ahead from
19 the Chairman to reduce the staffing here in the Ops
20 Center down to six individuals per shift.

21 And we established a team of people with
22 an ET Director, two representatives from RST, one from
23 the PMT, one from the liaison team and I'm going to stay
24 to individual support.

25 Now the intent is that this group of six

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1 people will be, would coordinate the activities between
2 the Japan site team, the Ambassador in Japan with, be
3 more of a coordination role between them and us and the
4 line organization basically. So that the work,
5 everyone has to look at it as you're no longer the RST
6 member doing functions like an RST member would do or
7 a liaison team. We're transitioning into new roles
8 where the majority of the work will be done back at the
9 line organization.

10 So the people in the Ops Center should be
11 the people receiving the input from the Japan team and
12 then farming it out to the line organization. And
13 that's why we asked for points of contact from the
14 various offices to support this concept that we're
15 trying to move in to.

16 The document I handed out was about a two
17 page summary of what we envision the Executive Team,
18 the ET support team, which I (indiscernible, possibly
19 "can mention for everyone"), what our vision is of what
20 they would be doing and having this new alignment.

21 We're not backing down on support to Team
22 Japan. Instead, we're moving to a different model where
23 the work will be done back in the line in a more organized
24 fashion I think.

25 Instead of having rotating shifts, people

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1 will be dedicated to the work and hopefully they can
2 get all caught up with issues and things like that but
3 I've heard we've had issues with.

4 So the conference today was to get everyone
5 in the room, kind of get that message out, see if you
6 have any questions. I think a lot of offices offered
7 up one point of contact and there was an interest in
8 maybe having a back up person so that we would always
9 have, you know, access to someone.

10 I know that OIP offered up a whole sheet
11 of contacts and some information of different links,
12 different shares, so it's pretty organized on how they
13 want to do it and I believe we've got that information
14 here in the Ops Center. So as we can add stuff --

15 MALE PARTICIPANT: Michele?

16 MICHELE EVANS: What?

17 MALE PARTICIPANT: I think it's important
18 for the point of contact to make sure that we're checking
19 back on assignments because most of these assignments
20 are going to come at you with a 24 hour turn around time
21 at best, especially when we're dealing with the White
22 House and OSTP and some of the other organizations.

23 Time is going to be pretty precious so when
24 you get the assignment it could be important to check
25 back to make sure that you understand the assignment

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1 and you understand what success looks like, you
2 understand how much time we have to do this. Because
3 we just, they're not going to be able to afford, bring
4 me another rock. I mean, this is going to have to be
5 right the first time.

6 And to ensure that, I think that the team
7 that's here is going to have to be helpful and provide
8 the guidance to make sure that you understand what it
9 is that you've been asked to do.

10 JENNIFER EWELL: Can I ask a question, this
11 is Jennifer Ewell.

12 MALE PARTICIPANT: Yes, Jennifer.

13 JENNIFER EWELL: We have, say we have to
14 go to a particular office to, you know, do some form
15 of work either answer a question or do some analysis.

16 MALE PARTICIPANT: Are you speaking now as
17 an ET --

18 JENNIFER EWELL: Yes, ET Director, yes.

19 MALE PARTICIPANT: All right.

20 JENNIFER EWELL: Would we, the point of
21 contact, we would call the point of contact. Is the
22 point of contact, are there procedures as far as, not
23 procedures but kind of rules of thumb, do we have an
24 expectation to each of the offices to inform that the
25 POC, whether or not a management needs to be contacted,

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1 or are we relying on the POC's understanding of who has
2 the appropriate expertise to actually do the work?

3 MALE PARTICIPANT: I think the ET Director
4 needs to be clear on the expectations. If the
5 perception is that it's going to warrant management
6 review, then that discussion needs to take place up front
7 when the task is assigned.

8 JENNIFER EWELL: Yes, but I'm not really
9 talking about management review. I'm talking about
10 whether or not the POC would know the proper person in
11 research say, to contact to do certain work. And
12 whether or not the offices would prefer that the POC
13 contact the appropriate division or branch chief and
14 what that person, the branch chief or the division
15 director, determine who's going to be actually doing
16 the work.

17 MICHELE EVANS: Yes, Jennifer, we, I'll use
18 NRR as an example. The point of contact is Todd Hyland
19 (phonetic). And we went through an exercise yesterday
20 so it's very clear between him and Dave Steeds
21 (phonetic), the other point of contact, that they're
22 launching their effort however they need with in NRR,
23 getting the right management and the right people
24 involved.

25 So they're the case that will probably get

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1 most of the activity so I think that will work but we'll
2 sort it as we go forward.

3 JENNIFER EWELL: Yes, I wasn't sure. So
4 the point of contacts then are primarily management
5 themselves? I was thinking that they were staffs.

6 MICHELE EVANS: No they're not, they're not
7 all management.

8 MALE PARTICIPANT: It's a variety of
9 people.

10 JENNIFER EWELL: Okay.

11 MALE PARTICIPANT: But the expectation is
12 the point of contact would serve as the point of contact.

13 So they need to be able to reach to whoever they need
14 to reach to within the office.

15 JENNIFER EWELL: Yes but this is where my
16 question stems from is that, when they reach to that
17 person, are they going to be reaching to the actual
18 technical expert or there may be some confusion as to
19 who's the right person. Are they reaching to
20 management?

21 MALE PARTICIPANT: Each office is going to
22 have to work that out, Jennifer. I mean for NRR we went
23 through the exercise yesterday and it worked very well.

24 JENNIFER EWELL: Okay, all right.

25 MICHELE EVANS: Yes, I guess I would say

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1 as we go through the first event, the first occurrence
2 in each office, there may be a little more help from
3 the person, like the liaison team member or the, let's
4 say PMT, you know, they're going to need to reach out
5 at some point.

6 The PMT person on the shift need to be aware
7 of where they've reach out, what tickets are out there
8 to be worked on, and monitoring that, it appears to be
9 being worked in their office field until we get the point
10 of comfort that the process is working.

11 JENNIFER EWELL: Yes I think my question
12 is really because I'm on midnight, you know, I'm 11:00
13 to 7:00, you know, the idea is are we going to be waking
14 up everybody and whether or not we just go directly to
15 an individual.

16 MICHELE EVANS: Yes depending on the
17 urgency of it, that will determine, you know, you'll
18 be making a decision, is this something that will go
19 out at 7:00 a.m. or is it something that we need to launch
20 people in the middle of the night.

21 JENNIFER EWELL: Yes okay, okay.

22 MICHELE EVANS: Good question.

23 MALE PARTICIPANT: Michele?

24 MICHELE EVANS: Yes?

25 MALE PARTICIPANT: Isn't, we have a bunch

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1 of the, there's a task tracker they're going to have
2 to get transitioned to the offices aren't we, don't we?
3 Ongoing projects that they're either somewhere work
4 in progress.

5 MICHELE EVANS: Well we transitioned like,
6 some pieces yesterday, typically that NRR, that weren't
7 there. I know you asked something earlier and I thought
8 we were looking at that but I'll (indiscernible,
9 possibly "get it assigned"), the old ones in each office.

10 MALE PARTICIPANT: Yes I'm just going to
11 add on that, I had three assignments on the last day,
12 one from a task tracker so I've got tracking on it, one
13 from the ET which I don't have a number assigned to it,
14 and one from a (indiscernible, possibly "rem") ticket.

15 And that's okay, I handled them but it
16 sounds like what we're trying to do is shrink that down
17 to one system. I think fewer red tickets looks ideal
18 to me.

19 MICHELE EVANS: Well, is this red ticket
20 Scott (phonetic) came up with it?

21 MALE PARTICIPANT: I don't know what it is.

22 MALE PARTICIPANT: No, it's not.

23 MICHELE EVANS: Could you talk a little bit
24 about the --

25 MALE PARTICIPANT: The (indiscernible,

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1 possibly "kids about the, what it looks like") --

2 MICHELE EVANS: -- on mechanics.

3 MIKE: Before we get into mechanics, I'm
4 going to take us back up to the higher level view. One
5 of the reasons why we're going through this transition
6 to enhance continuity of the agency's response and also
7 accountability.

8 And the expectation is that by pumping work
9 out into the line organization, we'll know who's
10 accountable for that analysis, for that information.

11 And it's not to pin blame on anybody but the thought
12 is, if it's clear who's accountable that's going to
13 enhance continuity, especially working during the day
14 shift.

15 Another thing is connectivity. And what
16 we mean by that is, you know, this Ops Center continues
17 to get information streamed to it from around the world.

18 And I think, and Marty can chime in on this, the
19 expectation is that in part, the role of the people here
20 in the Ops Center have to provide for that connectivity.

21 If they're seeing information that they think the
22 line organization needs to have to do their work, that
23 needs to get out to the line organization, right? And
24 separately, if something's coming in from the line
25 organization but it doesn't match up with information

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1 that we've gotten from a reliable source here in the
2 Ops Center, you know, the Ops Center staff have to, they
3 ask that question, hey wait a minute, what's going on
4 with this contamination out 50 kilometers from the site?

5 How does that jive with where we are in the protective
6 action recommendation, you know, that kind of thing.

7 MALE PARTICIPANT: That's what we've tried
8 to capture in the second paragraph on Page 2 of the memo.

9 So it may not be as clear as what Mike just articulated
10 but that's the expectation of what's happening in the
11 Ops Center.

12 You're not just getting work and
13 dispatching work. It's a lot more than that. It's the
14 integration of all of what's going on --

15 MALE PARTICIPANT: It's cerebral.

16 MALE PARTICIPANT: Yes, and that's the hard
17 part, is to make sure that we fully understand all of
18 the information that's coming at us. I would assert
19 that even Chuck as the site team leader doesn't have
20 the full view of the information that's coming through
21 the Ops Center right now.

22 And that's a critical function and a role
23 that we need to play now. We need to shift from the
24 doing of the analysis to making sure that we understand
25 all of what's going on, to integrate that and to make

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1 sure that that analysis, the proper analysis gets done
2 with all the right input.

3 MICHELE EVANS: Todd (phonetic), the
4 comment you made though about the work coming out, I
5 saw that yesterday from outside of here, someone who
6 could be an ET Director but isn't in here right now,
7 (indiscernible, possibly "I was talking") to Eric about
8 doing it and I was like, this is way out of process.

9 And I wasn't sure where it was going even though the
10 ET Director was cc'd on it at the time.

11 So we kind of, we need to look at controlling
12 that in some way. I mean, I think there was a need for
13 a dialogue but putting it in email and it got sent to
14 different people makes it confusing on are we really
15 doing something with this or not? So yes, we have to
16 stick with our process for things that we're officially
17 expecting to get (indiscernible, possibly "an ask") on.

18 MALE PARTICIPANT: And we all need to
19 remain vigilant. We're out of process, right, because
20 the way we're transitioning is not the way that we run
21 exercises or that we've been trained.

22 Because of that we're in an unusual
23 condition, we have to be careful as you're pointing out,
24 Michele, if something's not working right, you know,
25 raise the flag. Because we need to get it back in process

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1 otherwise we're going to have breakdowns in our response
2 action.

3 MALE PARTICIPANT: And the simpler the
4 process we can make it the better. And to your point,
5 (phonetic), the fewer avenues for working through
6 issues the better.

7 MALE PARTICIPANT: Also do we need to go
8 through the process --

9 MALE PARTICIPANT: Do you want to address
10 the assignments, do we need to go through --

11 MALE PARTICIPANT: -- I think you do
12 because I think the points of contact will need to --

13 MALE PARTICIPANT: All that we'll need is
14 a --

15 MICHELE EVANS: Can I just check on who's
16 actually here? (Indiscernible, possibly "A business")
17 point of contact?

18 GEORGE MEKUS: George Mekus (phonetic).

19 MICHELE EVANS: George, okay, great. How
20 about NMSF?

21 BERNIE: I'm Bernie (phonetic) for
22 (indiscernible, possibly "Joyce").

23 MICHELE EVANS: You're here for
24 (indiscernible, possibly "Beth"), all right. And NRO?

25 MALE PARTICIPANT: (Inaudible).

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1 MICHELE EVANS: Great, thanks. And I know
2 Pat, and you're Todd, (indiscernible, possibly "we met
3 the other day"). And the (indiscernible, possibly "NSO
4 fact here Mike, you're that"). Jim Dyer, CFO, you could
5 lower that at level four.

6 MALE PARTICIPANT: Wouldn't that be a
7 crime?

8 MICHELE EVANS: I think (indiscernible,
9 possibly "Golda's here for LIPINI"). And for
10 (indiscernible, possibly "LUSA") is Mike.

11 MALE PARTICIPANT: Add Rich (phonetic) on
12 (inaudible).

13 MICHELE EVANS: Add Richard, okay, great.
14 And is there anyone else here who thinks they're a point
15 of contact? (Indiscernible, possibly "Are you think,
16 are you here"), do you want us to have your name as the
17 contact? Okay.

18 MALE PARTICIPANT: (Inaudible).

19 MICHELE EVANS: Okay, great. Is that okay
20 with you? Okay great.

21 MALE PARTICIPANT: And we heard OIPs got
22 a whole string of people?

23 MICHELE EVANS: Yes.

24 MALE PARTICIPANT: Well it was just because
25 we were trying to make (indiscernible, possibly "peace

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1 of") one person that's the on watch because that's what
2 really that was. That was a watch call. That might
3 not be the same thing that you're talking about though.

4 MICHELE EVANS: Okay.

5 MALE PARTICIPANT: Yes, right.

6 MICHELE EVANS: So you're the point of
7 contact?

8 MALE PARTICIPANT: Right.

9 MALE PARTICIPANT: That would be fair.

10 MALE PARTICIPANT: Plus there might be more
11 on watch every week to do the job that we're, you know,
12 still doing the thing of getting people in and out of
13 the country which I don't think is the same --

14 MALE PARTICIPANT: No.

15 MALE PARTICIPANT: -- maybe they didn't
16 understand when they gave you that list, right.

17 MICHELE EVANS: And that makes more sense.

18 So you're the one point of contact --

19 MALE PARTICIPANT: Right, yes.

20 MICHELE EVANS: -- and Danielle (phonetic)
21 is back up?

22 MALE PARTICIPANT: Yes, she's still coming
23 back in the country. She came back yesterday so.

24 MICHELE EVANS: She came back, okay, good,
25 all right, got it. So Scott (phonetic)?

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1 MALE PARTICIPANT: Do you want us to go?

2 MALE PARTICIPANT: Do you have Glenn Tracy
3 (phonetic) on for HR, but also Director of HR?

4 MICHELE EVANS: Yes, he's going to step in
5 and be an ET Director, sorry.

6 MALE PARTICIPANT: And then Jennifer's on
7 as ET Director.

8 MICHELE EVANS: Director, right, right.

9 MALE PARTICIPANT: If I can get that in a
10 little bit of clarity because the mechanics behind what
11 it is that you'll be receiving and how you'll close out,
12 I believe that you'll get an (indiscernible, possibly
13 "ax") item from OSP01, which would be the admin
14 assistant, so it will have a PDF file attached to it
15 that will say action. It will have a due date and it
16 will have an expectation for delivery. So then I
17 believe once you coordinate that within your office,
18 you'll deliver it back to OSP01 and it will filter back
19 into the Executive Team.

20 MALE PARTICIPANT: And that will all come
21 through the coordination point of contact for each item?

22 MALE PARTICIPANT: Correct. And that
23 coordination point of contact --

24 MALE PARTICIPANT: That helps to
25 (indiscernible, possibly "sift the continuity feed").

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1 MALE PARTICIPANT: Right, and that's
2 getting access from and taking access to your specific
3 office.

4 MALE PARTICIPANT: I will assert that's not
5 going to work though if you're only relying on email
6 and communicating electronically. You're going to, in
7 the time frames that we have to work there's going to
8 have to be conversation between the folks doing the work
9 and the team back here.

10 MALE PARTICIPANT: Something always gets
11 lost --

12 MALE PARTICIPANT: Yes.

13 MALE PARTICIPANT: -- in the transition
14 from --

15 MALE PARTICIPANT: Please stress that so
16 the people that are assigned work in the offices that
17 to please check and check again to make sure that you're
18 clear about what's being expected.

19 MALE PARTICIPANT: And when you receive
20 that (indiscernible, possibly "access") it might not
21 be, as you were saying, it might not be a bad idea to
22 call over here and make sure that you have the
23 appropriate expectations and you have the appropriate
24 (indiscernible, possibly "fill out the multi
25 offices").

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1 MALE PARTICIPANT: One thing that's
2 similar to Marty's observation, we're now accustomed
3 to being day workers so you've got to be sensitive that
4 points of contact may not respond to emails when they're
5 not at work and on the weekend. So when we pass something
6 out we have to be sensitive that the person may not pick
7 it up unless they get called.

8 MALE PARTICIPANT: Yes, they'll have to
9 (indiscernible, possibly "get it right"), yes, I think
10 that's a very good point.

11 MALE PARTICIPANT: You've got to think
12 about (indiscernible, possibly "fact sheets").

13 MALE PARTICIPANT: Because the
14 (indiscernible, possibly "Ops Officer") should have all
15 the telephone numbers of the points of contact.

16 MALE PARTICIPANT: Can we check that?

17 MALE PARTICIPANT: We'll confirm that.

18 MALE PARTICIPANT: Yes we'll confirm, I
19 believe so.

20 MALE PARTICIPANT: Before you leave since
21 you're not the usual on-call person and the HOOs don't
22 have your number you might want to stay behind to give
23 your cell phone or way to be contacted.

24 MALE PARTICIPANT: Mike, I think our
25 procedures need to ensure that we assign work, we're

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1 actually making a phone call.

2 MALE PARTICIPANT: Yes, person to person
3 communication.

4 MALE PARTICIPANT: Yes.

5 MALE PARTICIPANT: Absolutely,
6 (inaudible).

7 MALE PARTICIPANT: No, all we have right
8 now is the document that was just passed out, that
9 Michele did.

10 MALE PARTICIPANT: Don' we have, we also
11 have one for the tracking.

12 MALE PARTICIPANT: I thought we had the
13 tracking sheet.

14 MALE PARTICIPANT: Yes, we have another one
15 for that.

16 MALE PARTICIPANT: But we need to get that
17 --

18 MALE PARTICIPANT: It's got a little bit
19 more granularity than the, actually the mechanics. And
20 I think, Mike, we're planning on having a SharePoint
21 site that we can collect all this stuff.

22 MALE PARTICIPANT: There is a SharePoint
23 site that I can pass out to everyone that I put up meeting
24 notes today so I have all your points of contact. I
25 can share that SharePoint site that we're putting all

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1 the information on from one-pagers to questions and
2 answers.

3 MALE PARTICIPANT: Right, so we have a
4 one-stop shopping for --

5 MALE PARTICIPANT: Correct.

6 MALE PARTICIPANT: -- documents and
7 products.

8 MALE PARTICIPANT: And this should also cut
9 out on the branch chief's anxiety about having their
10 staff being called directly. All communications for
11 either filling positions or that (indiscernible,
12 possibly "pick for the team") that go through the office
13 POCs also.

14 So if I need someone to fill a shift I would
15 go through you as POC and you would be responsible for
16 going back into your organization and filling one of
17 those six positions that are staffed over here instead
18 of calling the person directly then contacting the
19 branches.

20 MICHELE EVANS: Okay, now that's a new
21 piece that I don't think we mentioned to the points of
22 contact before. And being someone who's responsible
23 for filling a certain position, it's painful at times.

24 So are we okay?

25 MALE PARTICIPANT: I need a bigger hammer.

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1 MICHELE EVANS: How are we looking for the
2 next group of staffing?

3 MALE PARTICIPANT: I think that we, I'll
4 put out a message to the POCs and they would be
5 responsible for maybe this shift, this shift --

6 MICHELE EVANS: No, no, no, what I meant
7 is are we looking okay for Saturday through next week?
8 While we have all these people here.

9 MALE PARTICIPANT: We're missing a few
10 spots, I'm trying to help.

11 MICHELE EVANS: Okay so do we want to engage
12 them before they leave here on which spots are open?

13 MALE PARTICIPANT: We, I don't have exactly
14 which shifts. We do have a few odds and ends that, the
15 biggest hole that we have is support staff. Because
16 a lot of people have told their, (indiscernible,
17 possibly "it's often, it may that told that flow") and
18 a lot of people that (indiscernible, possibly "go in
19 there have made it back so").

20 And one other request I would make, as
21 offices fill the niche of response roles, we do prefer
22 to have the people who are already trained responders.
23 We've had a lot of volunteers in the heat of battle
24 and we appreciate that. And some have been tremendous
25 responders.

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1 But the folks who are trained who know the
2 procedures and are more likely to stick with the
3 established procedures are a bit more comfortable around
4 this stuff. They've got this, got that --

5 MALE PARTICIPANT: In the (indiscernible,
6 possibly "shy") be a little bit careful with just sending
7 staffing issues to the point of contact.

8 MALE PARTICIPANT: Yes.

9 MALE PARTICIPANT: We don't want a bunch
10 of rookies out there looking for the PWR expert. Like
11 you said, you have a big history of who they should be
12 so you can maybe ask us more about names.

13 MALE PARTICIPANT: I think that's --

14 MALE PARTICIPANT: Instead of, go find we
15 a PWR expert, or that would be disaster.

16 MALE PARTICIPANT: Yes, rather than find
17 a convenient warm body yes, we can ask for a specific
18 individual because we have the list of who's trained
19 so you don't have to run around checking the
20 (indiscernible, possibly "RIT") chart or badges or
21 anything.

22 MICHELE EVANS: All right.

23 MALE PARTICIPANT: And in that initial
24 email I'll send you out, there's a link on the NSIR Web
25 page too that's the trained and qualified responders.

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1 There's a red, white, and blue (indiscernible, possibly
2 "gold one"). So that may be, when you get a request
3 like that, that may be your first place to look to find
4 who is trained and qualified to fill that position and
5 give you some kind of avenue to do your search.

6 MALE PARTICIPANT: But unless we scare
7 anybody, what we're thinking about here in terms of the
8 staffing is, you know, normally the RST would be staffed
9 by NRR or NRO, right? PMT would be staffed by --

10 MALE PARTICIPANT: (Inaudible).

11 MALE PARTICIPANT: -- but in terms of how
12 we're going to implement this, like you wouldn't call
13 the NMFS person for staffing the RST, right, as an
14 example. So I don't want our points of contact thinking
15 oh my gosh, I've got to go and look at that list to figure
16 out who all those people are, right?

17 MALE PARTICIPANT: I've got a question.
18 I'm not sure I understand what the (indiscernible,
19 possibly "pro police"), you know, we have Rick Anselberg
20 (phonetic) running this and the coordinators for the
21 month, and there's one person at NRR that responded for
22 staffing for all of NRR. And I guess you're saying that
23 process is broke?

24 MALE PARTICIPANT: I wasn't aware it was
25 broken. It's worked for the --

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1 MALE PARTICIPANT: Yes but I don't know why
2 we're interjecting points of contacts, 12 different ones
3 where we've been doing this all along for five weeks.

4 And I don't know, if you talk to Rick, I mean I talked
5 to Rick and we had a couple coordinators and they have
6 all the contacts and all the offices to fill everything.

7 They should have Cathy Gray (phonetic) in NRR, she fills
8 all the RST positions that I have so, just a thought.

9 MALE PARTICIPANT: Good thought.

10 MICHELE EVANS: We'll take a look.

11 MALE PARTICIPANT: Okay.

12 MALE PARTICIPANT: So you'd rather stick
13 to the normal (indiscernible, possibly "call").

14 MALE PARTICIPANT: Well, if it's broke,
15 let's get involved with another 20 people but I think
16 that it's working well.

17 MICHELE EVANS: All right.

18 MALE PARTICIPANT: Okay.

19 MALE PARTICIPANT: Your point is for
20 staffing, use the existing process.

21 MALE PARTICIPANT: Yes.

22 MALE PARTICIPANT: Don't rely on the POCs
23 for that.

24 MICHELE EVANS: I'll have --

25 MALE PARTICIPANT: POCs are really more

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1 task oriented.

2 MICHELE EVANS: I think the heart of the
3 issue is, maybe we're not getting 100 percent support
4 from branch chief level and we're going to staff members,
5 asking them to continue their (indiscernible, possibly
6 "watch dogs").

7 So we may need another pump up the agency
8 (indiscernible, possibly "and there's some complaining
9 that") --

10 MALE PARTICIPANT: That would be a good
11 reason to get the POC involved.

12 MICHELE EVANS: Yes.

13 MALE PARTICIPANT: Yes, just because --

14 MALE PARTICIPANT: Actually that was my
15 concern.

16 MALE PARTICIPANT: And if we could make
17 that request as you go back to your respective offices,
18 to remind everyone we are still on a response posture
19 and we do still need dedicated folks to fill these
20 positions for periods of time.

21 MALE PARTICIPANT: This isn't a
22 hypothetical (indiscernible, possibly "or getting"),
23 I mean the fact is, is that's exactly the push back we're
24 getting, yes, we already gave at the office. We're
25 done, we need to get back to work.

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1 MICHELE EVANS: Right, and I mean we've
2 got, it's 90 people a day down to 18. Okay, so we're
3 trying here but we still need the support for the, you
4 know, the 18.

5 MALE PARTICIPANT: It's not hypothetical.

6 MALE PARTICIPANT: If you were to have the
7 opportunity to listen in on some of the conversations
8 that we have with Chuck you can still get a sense that
9 the Ambassador and the U.S. citizens in Japan still have
10 a lot of needs.

11 And now today, they're talking about
12 bringing people back in to Japan, the families and
13 dependants of the folks that have been working there.

14 And there are a significant amount of needs that they
15 have, if you just look at the Ambassador.

16 If you look at the other side at the Japanese
17 government, they still have tremendous needs. They're
18 relying on Chuck to provide technical advice and
19 guidances that, what do they do in the short term, the
20 intermediate term, and the long term with regards to
21 stabilizing the site?

22 So at the highest level we're still being
23 asked to provide support for the security and safety
24 of the U.S. citizens, and to provide support for the
25 Japanese government bringing this to solution itself.

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1 None of that has subsided. We still have those demands.

2 As part of that, we're still trying to
3 support the interagency review and decision making
4 process. We're still involved in phone calls with the
5 White House, with the Office of Science and Technology
6 Policy out of our DOE, EPA, I mean, a lot of you don't
7 see that on a daily basis. And it somewhat has come
8 down in the level of support that we were dealing with
9 early on.

10 But it's still there and throughout all of
11 this we're still supporting the Chairman and some of
12 the activities he has which includes even this week,
13 going down and testifying before the Senate.

14 If you look out to the longer term, we're
15 really hoping that as the situation stabilizes, check
16 to our needs in terms of supporting the Ambassador and
17 supporting the government of Japan will, in fact,
18 subside.

19 As a function of stability, some of you have
20 been involved in this concept of stability at the site
21 which in the short term I think involves making sure
22 we have a reliable source of water and power, to get
23 that water into both the reactor, the primary
24 containment, and to the spent fuel pools.

25 Once we get, I think, comfortable with that

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1 notion of stability, once we have that reliable source,
2 I think we'll see the next phase of this transition,
3 we will be able to back down significantly. I think
4 that you'll see the Ambassador and the government of
5 Japan become a lot more self-reliant in that process.

6 And that could take, you know, Chuck's
7 estimated that could happen in May. I think he may be
8 a little bit optimistic but, you know, it could happen.

9 At which point in time I think maybe we'll transition
10 to another level.

11 But in the meantime, I think we still have
12 a lot of work. Just today Chuck gave us a couple of
13 things that are really high priorities for him and that's
14 one of them is this what he calls this global assessment.

15 And he was hoping to be able to use that,
16 and we'll be helping him, to prepare for a meeting with
17 Hillary Clinton that's going to come up sometime over
18 the weekend, and the Secretary of the Navy and several
19 other dignitaries that are going to be coming through
20 there.

21 If you would have had the opportunity to
22 witness the hearings just this week, either on the
23 internet or live or going back through the file, you
24 would see how grateful the Congress has been to the NRC
25 for the support we've provided so far and how much they

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1 expect, I think, from us in the near term until we reach
2 that level of stability, to continue to provide the
3 support that we have provided.

4 So I don't see that there is, there is a
5 light at the end of the tunnel and I see that coming
6 with this stability so it's not going to go on forever.

7 And I think what you've seen is this shift because as
8 a couple of people have said, we were losing continuity
9 across the shift.

10 And we just came to a realization that it
11 was the right time to engage the program offices so that
12 shift, you know, we weren't dealing with three shifts
13 and somebody, and maybe even Michele said, each one of
14 the shifts was putting its own spices in the mix and
15 so while it was, in a way it was helping. In another
16 way it was really hurting because we weren't getting
17 the closure on some of these issues.

18 And so we're really hoping that you can
19 bring issues to closure. Just today Chuck asked us to
20 help us with this global assessment. He asked us today
21 to help us with the presentation that he's going to have
22 to make to Hillary.

23 And he's also looking at requesting some
24 support from us in trying to make sure we establish a
25 protocol for when the Embassy would need to be notified

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1 if events in Japan and at the Fukushima site don't go
2 as expected.

3 So these are really short term issues that
4 we've got to really focus on and turn around and get
5 a response back to Chuck on. But again I think that
6 the long term, you can see where the end points are and
7 the next changes are going to be.

8 And we shift, I think, at that point from
9 responding to this event to then into the lessons learned
10 and implementing the lessons learned that's come out
11 of Charlie's (phonetic) work and the longer term tasks.

12 I really appreciate all the work that's been
13 done so far. I mean, it's been a tremendous amount of
14 sacrifice. I know some of you who have been in this
15 since November 11, for over a month now you probably
16 haven't --

17 MALE PARTICIPANT: Except this started in
18 March.

19 MICHELE EVANS: March 11.

20 MALE PARTICIPANT: -- March 11, you
21 probably haven't, it's actually September 11, I got the
22 11 here.

23 MICHELE EVANS: (Indiscernible, possibly
24 "This is just a Lex thing").

25 MALE PARTICIPANT: Some of you probably

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1 haven't read a newspaper from end to end like you're
2 used to doing or watched a television show or played
3 with your family or your kids or your dogs or whatever.

4 I mean, there's been a lot of sacrifice and
5 you've got to know how much we really appreciate it.

6 But there's more that we've got to do.

7 MALE PARTICIPANT: And go ahead and say a
8 brief word about stability and the composite analysis
9 to global, and how these pieces fit together because
10 the action sets will be tasked out, will ultimately come
11 back and feed into, right, at least a number of them
12 will, those kind of higher level assessments.

13 MALE PARTICIPANT: One of the issues we
14 talked about was NRR and the example that we're working
15 on today. If you look back to where it started, it
16 started out with an assessment about what does stability
17 look like? And, you know, and that's really focused
18 on the reactors and the spent fuel pool.

19 We had another assessment looking at
20 protective measures. And then we subsequently started
21 a third assessment looking at infrastructure and what
22 that was made of. Today we're trying to bring all three
23 of those together into a document that would allow us
24 to make a decision on when U.S. citizens could come back
25 in to the 50 mile, remember that we, U.S. citizens have

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1 been evacuated out to 50 miles. When can they come back
2 in and retrieve some of their belongs?

3 And then there's another decision that
4 needs to be made, when can U.S. citizens now come back
5 into that 50 mile zone? When can we relax as the U.S.
6 government, that 50 mile evacuation zone and align more
7 with where the Japanese government are?

8 So we've got a number of different
9 assessments that we're pulling together in one composite
10 document that will be used as the decision-making
11 document for the relaxation of U.S., for the relaxation
12 of that 50 mile evacuation. That's just one of several
13 of those kinds of things that we've had a number of
14 projects ongoing. And without, I think, a real end
15 point.

16 And now I think the role is to start to bring
17 these together and start to make decisions, decisions,
18 I think, that will help the Japanese, help the
19 Ambassador, and help us as we move forward.

20 So there's that assessment which we call
21 the composite assessment which NRR has the lead on.
22 We just got the global assessment which Chuck is pulling
23 together that includes I believe a half a dozen
24 attachments that we have, in here, have been working
25 on.

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1 That global assessment sort of documents
2 where we have been and sets a path forward for where
3 we want to go with respect to support to the Japanese
4 government. So that's another major activity that
5 we'll add now where we are, who we decide to lead on,
6 well we'll assess the global assessment.

7 MALE PARTICIPANT: We're still in the
8 process of, I want to go through it first, helping
9 achieve we're, you know, we are going to take over the
10 lead here because we told Chuck this morning.

11 MICHELE EVANS: And that will go to an
12 office, right, (indiscernible, possibly "to tomorrow").

13 MALE PARTICIPANT: Maybe, potentially
14 more than one, you know, we can get a sense after reading
15 it where the best place for it is.

16 MALE PARTICIPANT: It will go to our lead
17 office to work from other office.

18 MALE PARTICIPANT: Right, right.

19 MICHELE EVANS: Okay, are there any
20 questions?

21 MALE PARTICIPANT: I have one other item.

22 MICHELE EVANS: (Indiscernible, possibly
23 "Okay, go ahead.")

24 MALE PARTICIPANT: (Indiscernible,
25 possibly "What's in them?")

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1 MICHELE EVANS: (Indiscernible, possibly
2 "No questions, then?")

3 MALE PARTICIPANT: (Indiscernible,
4 possibly "So I guess I'll say,") does DOE still have
5 any of the (indiscernible, possibly "rescue")?

6 MALE PARTICIPANT: No.

7 MALE PARTICIPANT: No and naval reactors
8 I think is about to pull out too. They may have actually
9 pulled out on day shift today.

10 MALE PARTICIPANT: The CDC had somebody
11 here yesterday, (indiscernible, possibly "coming here
12 today").

13 MALE PARTICIPANT: The CDC is still here
14 today? But as they back out, that's a good question,
15 they've asked us to set up protocol for how we can ensure
16 that we still can stay connected, how we communicate.
17 So I know for naval reactor, for sure they've done a
18 lot of thinking about how are they going to ensure that
19 they stay up to speed with what's going on?

20 And what's going on is you have all these
21 other forums like, you know, with the science panel who's
22 trying to solve very similar things to what we're
23 addressing. So as we get that information from the
24 science panel we need to share that back here to the
25 Ops Center. That's part of that connectivity, right?

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1 Because the view is that it's the Japan Site
2 Team that's the funnel to communicate that technical
3 assessment information back to our Japanese
4 counterpart. So we don't want to encourage DOE to set
5 up now parallel universes where they're sharing
6 information on their own because that's going to lead
7 to confusion and we really want to provide a coordinated
8 response back to the Japanese.

9 MALE PARTICIPANT: (Inaudible.)

10 MALE PARTICIPANT: And they have Sandia
11 (phonetic) in this.

12 MALE PARTICIPANT: (Inaudible.)

13 MALE PARTICIPANT: Right.

14 MALE PARTICIPANT: (Indiscernible,
15 possibly "Because I know that these people all think
16 that these are out") because the White House
17 (indiscernible, possibly "has to find out") exactly what
18 Marty said is that (indiscernible, possibly "the hope
19 is that") these U.S. citizens move back to their homes,
20 what are the indicators that things are going south,
21 that you now need to evacuate them (indiscernible,
22 possibly "and are involved") in the so called
23 (indiscernible, possibly "indicators that kind of what
24 the situation time that will force them to evacuate,
25 these things were allowed") --

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1 MALE PARTICIPANT: Right.

2 MALE PARTICIPANT: (Inaudible.)

3 MALE PARTICIPANT: And after you get that
4 information, providing it back here to the Ops Center
5 is going to be invaluable to us.

6 MALE PARTICIPANT: While he's on that, do
7 we know as we get that information, where do you want
8 that information to be channeled back here?

9 MALE PARTICIPANT: (Indiscernible,
10 possibly "Because through the seniors of the DOE rap
11 so I still say that we will wrap thinking on them")
12 --

13 MALE PARTICIPANT: Not always.

14 MALE PARTICIPANT: Yes, that's not a good
15 assumption. Even when they were here they didn't do
16 that.

17 MALE PARTICIPANT: (Inaudible.)

18 MALE PARTICIPANT: Right.

19 MALE PARTICIPANT: (Inaudible.)

20 MALE PARTICIPANT: Like (indiscernible,
21 possibly "NEE-WON") tomography.

22 MALE PARTICIPANT: (Inaudible.)

23 MALE PARTICIPANT: When in doubt, share it
24 with the executive. Get it here.

25 MALE PARTICIPANT: Yes, get it here, get

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1 it in this room.

2 MALE PARTICIPANT: (Inaudible.)

3 MALE PARTICIPANT: Well what's been going
4 on is Brian (phonetic) would send it to me or to Marty
5 and then I would just pump it over here. And I don't
6 analyze it I just say here.

7 MALE PARTICIPANT: So if you want to I can
8 just (inaudible).

9 MALE PARTICIPANT: Well that's the
10 question that I was asking. Where should it
11 (indiscernible, possibly "be go").

12 MALE PARTICIPANT: (Indiscernible,
13 possibly "We should always fill it OSB01.hs).

14 MICHELE EVANS: OSB.

15 MALE PARTICIPANT: So that's the mother
16 node.

17 MALE PARTICIPANT: That's the mother node.

18 MALE PARTICIPANT: Okay.

19 MALE PARTICIPANT: I'll provide that
20 guidance over an email about --

21 MALE PARTICIPANT: (Inaudible.)

22 MICHELE EVANS: Yes, OST01.

23 MALE PARTICIPANT: Got it.

24 MICHELE EVANS: Okay, on that note, we are
25 trying to consolidate these six people that are still

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1 in the Ops Center into this room and that area right
2 out there. And we're not using all the computers
3 anymore, you know, we're downsizing into one location.

4 MALE PARTICIPANT: And it's to our
5 advantage to continue to use this facility. But if
6 there's another event what we need to do is evacuate
7 quickly and to another room.

8 MALE PARTICIPANT: So the reason I was a
9 couple minutes late to this meeting is because I was
10 in a meeting. We have a conference room set aside,
11 working with OAS and Admin, we have a conference room
12 set aside. I went in there, it will meet our needs.

13 We'll have a TV in there, we'll have computers,
14 networks, printer, stacks, the whole shebang.

15 It'll be ready with, you know, within a drop
16 of a hat if and when we need it. The room will be set
17 up and ready to go for us by Wednesday of next week at
18 the latest.

19 MALE PARTICIPANT: So what happens between
20 now and then we just use the 4B3?

21 MALE PARTICIPANT: We'll use 4B3 or --

22 MICHELE EVANS: What we would have done if
23 it happened last week again.

24 MALE PARTICIPANT: Right, but that's on
25 track and we'll have Admin and OAS get it, they're fully

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1 on board with getting it set up. The other thing to
2 note that we're able to contact to the discussion we
3 were just having is a lot of these people who are going
4 to be tasked that we're going to be reaching out to,
5 to do different things in the line, may also be tapped
6 for, you know, not only what we're doing here, direct
7 support of the site team but also because of the work
8 for FOIAs, for Charlie's task force, for, you know, who
9 knows.

10 There's a variety of things so in, I think
11 we need to have a relative priority scheme set up for
12 that. Otherwise it will just be ad hoc and that here.

13 I mean, either way it would work but I just envision
14 there will be occasions when people who we rely on quite
15 a bit to produce and deliver products are going to be
16 --

17 MALE PARTICIPANT: Conflicting
18 priorities.

19 MALE PARTICIPANT: -- conflicting
20 priorities because of all the stuff that's going on in
21 parallel. So we just need to have thought through that.

22 MALE PARTICIPANT: Well the highest
23 priority is response to emergencies at nuclear
24 facilities for materials in the United States.

25 MALE PARTICIPANT: Clearly.

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1 MALE PARTICIPANT: Clearly.

2 MALE PARTICIPANT: We just all need to be
3 clear about that.

4 MALE PARTICIPANT: Next highest priority
5 is safety and security work that affects the nuclear
6 facilities and materials in the United States, right?

7 Because this is a response to a nuclear emergency in
8 another country, right?

9 And then you get down to responding to Japan
10 and providing the support to the site team as well as
11 the response to the White House and the integration,
12 communication, coordination, right?

13 Then below that you have a near term task
14 force --

15 MALE PARTICIPANT: Well I can envision, you
16 know, you have a hearing and then you get the 20 questions
17 from the committee members that come in and they want
18 the answers yesterday. So I mean, that is a task in
19 (indiscernible, possibly "that shit visit").

20 MICHELE EVANS: Yes.

21 MALE PARTICIPANT: I haven't gotten to that
22 priority yet.

23 MICHELE EVANS: Oh, well that one's lower?

24 MALE PARTICIPANT: That would be lower.

25 MALE PARTICIPANT: That's fine. All I'm

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1 suggesting is we at least have this written down so that,
2 you know, when faced with this, you know, Joe Staff
3 Member or Joe Branch Chief can say, you know, but you
4 got me with this and that, what happened?

5 MALE PARTICIPANT: That's why we have
6 managers, but good point.

7 MALE PARTICIPANT: I'm just trying to be,
8 to your point about consistency and all that.

9 MALE PARTICIPANT: So who's going to write
10 it down?

11 MALE PARTICIPANT: I'll write it down.

12 MALE PARTICIPANT: Okay.

13 MALE PARTICIPANT: And we'll distribute
14 it.

15 MICHELE EVANS: Okay.

16 MALE PARTICIPANT: Just thinking for
17 what's to happen.

18 MALE PARTICIPANT: Jennifer, Glenn,
19 anything from your end?

20 GLENN TRACY: Thank you, I understood. I
21 didn't hear an OTC contact or POC. Is there one?

22 MICHELE EVANS: No.

23 MALE PARTICIPANT: No.

24 MICHELE EVANS: Not at this point there's
25 not.

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1 MALE PARTICIPANT: Looks like we need one.
2 You on that?
3 MICHELE EVANS: What?
4 MALE PARTICIPANT: You going to reach out
5 to OTC?
6 MICHELE EVANS: Yes, I'll keep that.
7 Jennifer, did you have anything? No more questions at
8 this time.
9 MALE PARTICIPANT: Yes Michele, I thank
10 you. I had a question a little earlier. And it was
11 a mechanical question kind of with communication issues.
12 As we get localized here, do we get these
13 contact, you know, on the task, if there's a
14 cross-cutting task I assume then that we'll help you
15 with, we'll work through the other POCs like the
16 (indiscernible, possibly "the problems of the stay off
17 the state")?
18 Is that our best way to do it? Because
19 otherwise we'd be (indiscernible, possibly "getting
20 these ones that") go outside our office.
21 MICHELE EVANS: Right, no I would stick
22 with the points of contact, yes.
23 MALE PARTICIPANT: Okay.
24 MALE PARTICIPANT: Just a suggestion.
25 MICHELE EVANS: All right.

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1 MALE PARTICIPANT: I don't know whether
2 you're still doing the (indiscernible, possibly
3 "Sitrep") statuses, but you might consider sending that
4 to POC so they have a sense of what's going on.

5 MALE PARTICIPANT: The situation report?

6 MALE PARTICIPANT: Yes.

7 MALE PARTICIPANT: Not a relative point.

8 MALE PARTICIPANT: Good question.

9 MALE PARTICIPANT: But remember the
10 situation reports are official use only, they're only
11 intended for circulating within the federal family,
12 they're not supposed to go outside the agency, we share
13 the information on a need to know basis.

14 MALE PARTICIPANT: That's why we're
15 putting it on (inaudible).

16 MALE PARTICIPANT: No they're only coming
17 out once a day now, right?

18 MALE PARTICIPANT: Right.

19 MALE PARTICIPANT: And did we change the
20 time?

21 MALE PARTICIPANT: Noon, noon.

22 MALE PARTICIPANT: Okay.

23 MIKE: And if you're sending something to
24 the Ops Center like to OST01, you probably want to have
25 this address on it as well, which is FOIA space

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1 response.hoc resource. That address is on the LAN.
2 And what we're doing is we're using that as a dump box
3 so that when the FOIAs come in, everything's already
4 there.

5 So if they take it from 411 to 418, we don't
6 all have to rummage around our stuff because all the
7 records are right there. So that's why we created this
8 so you can save your time and focus on important things
9 rather than on rummaging through your stacks of
10 (indiscernible, possibly "view raps") from DOE, right?

11 MALE PARTICIPANT: Would you mind
12 repeating that address, Mike?

13 MIKE: Sure. It's FOIA space response, if
14 you go on the LAN and you search for, if you just do
15 FOIA space response --

16 MALE PARTICIPANT: I'll go get the address
17 (indiscernible, possibly "by the canatina")

18 MIKE: Okay. But that's what I've been
19 since like the 17th of March. So when we get these
20 additional requests I say oh, it's all there. I don't
21 need to go look.

22 MALE PARTICIPANT: I wish I had done that.

23 MICHELE EVANS: Okay, any other questions?

24 MALE PARTICIPANT: I just have one request
25 that on the sheets where we have the list of the, who

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1 to contact, in some cases we only have one name and we'd
2 like to have two. So if you could work within the office
3 to provide a second name back here this will need to
4 revise this and all the officers should have two names.

5 MALE PARTICIPANT: I need a back up crew.

6 MALE PARTICIPANT: Not designated as of
7 yet.

8 MALE PARTICIPANT: Okay.

9 MALE PARTICIPANT: Mike, who's your back
10 up?

11 MALE PARTICIPANT: We'll definitely work
12 on that.

13 MALE PARTICIPANT: He's on 24/7.

14 MALE PARTICIPANT: We've got
15 (indiscernible, possibly "Amy Ivaki for OCI, right").

16 MALE PARTICIPANT: You've got that right.

17 MALE PARTICIPANT: And this is the final
18 appeal for any (indiscernible, possibly "leftic line"),
19 we're taking them now. We've been taking them since
20 day one and we'll keep taking them so.

21 MICHELE EVANS: Okay. Yes, on that note,
22 there is a desire to gauge how we're doing in this new
23 line up, okay. I think for tomorrow you were looking,
24 we'll meet with Chairman and I think you have --

25 MIKE: I think, yes, I think where I am now

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1 is just more of what's the process so --

2 MICHELE EVANS: Right, so --

3 MIKE: -- take a couple more days to get
4 the feedback.

5 MICHELE EVANS: We, NSIR, I had a red ticket
6 (indiscernible, possibly "get to be taken with in a mode
7 I'm calling him now"), to get feedback from all you people
8 and points of contact, the people working in here. And
9 we're going to do that probably mid next week, to get
10 some initial feedback. So you'll get an email from OSC01
11 at some point next week.

12 So that's another way to, you know, don't
13 wait for that email. If you think something should be
14 changed or a better way to do it or any feedback about
15 something that didn't work, you know, you don't need
16 to wait for the email to share your ideas with the people
17 here in (indiscernible, possibly "NEI, some of them are
18 remade").

19 I think we're done. All right, thanks.

20 MALE PARTICIPANT: Great.

21 MICHELE EVANS: Thanks.

22 MALE PARTICIPANT: You know, offer PMI but
23 if there's mechanics or anything else that the NSIR point
24 of contact you can come through me without, you know,
25 (inaudible).

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(CONFERENCE CALL ENDED)

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1 measure that. I don't know how to measure that.

2 ROY ZIMMERMAN: Okay. You want to cover
3 the things that you would like to address first? I guess
4 the chairman will likely call on in a few minutes.

5 CHUCK CASTO: Let's see --

6 ROY ZIMMERMAN: Can you give them a heads
7 up? Thanks, Bill. Go ahead, Chuck.

8 CHUCK CASTO: Nothing earth shaking other
9 than, or so to speak, over here you can't say that, I
10 guess. Yes.

11 ROY ZIMMERMAN: That's good that there's
12 nothing earth shaking.

13 CHUCK CASTO: Yes. Unit 1 drywell, looks
14 like there is probably four feet of water in the drywell
15 now, so it's coming up it appears. Not deliberately,
16 it's just that volumes being pumped in there and slowly
17 but we've seen it over the last two weeks come up some.

18 But the pool, we thought there was a little
19 bit of water in the bottom of the drywell. Now it appears
20 that it may be as much as four feet in the drywell.

21 ROY ZIMMERMAN: And then is the, there's
22 also believed to be water leaking out of the drywell.

23 Is that being contained and sent over to a holdup tank
24 or do we know that flow path?

25 CHUCK CASTO: Yes, in Unit 2, particularly

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1 --

2 ROY ZIMMERMAN: Unit 2 has more than Unit
3 1.

4 CHUCK CASTO: Yes, yes. And mainly Unit
5 2, and that's going from the rack building over to the
6 turbine building. They really don't know where that
7 leak path is.

8 ROY ZIMMERMAN: Okay. Chuck, there's been
9 a lot of discussion here on the Number 4 spent fuel pool.

10 CHUCK CASTO: Yes.

11 ROY ZIMMERMAN: Is Monanger (phonetic)
12 still with you or is he back here?

13 CHUCK CASTO: No, he's back.

14 ROY ZIMMERMAN: Okay. We had put
15 something out from a turnover that I had received, that
16 basically indicated a somewhat positive story on 4.
17 Basically said that it was turned over to me, was based
18 on a isotopic analysis and samplings of the spent fuel
19 pool. Tests will conclude that the likelihood of
20 damaged fuel in the pool is low.

21 CHUCK CASTO: Yes.

22 ROY ZIMMERMAN: And that was known, it was
23 known that there was cesium and iodine in the isotopic
24 but it was believed that that came from another unit.
25 And that they did not have a hydrogen explosion. They

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1 had a acetylene tank explosion. So there was a happy
2 story on Unit 4.

3 And then TEPCO came out with its own
4 announcement yesterday saying that the pool revealed
5 the damage to some fuel rods, as it detected higher
6 levels of iodine and cesium. Can you give us your best
7 assessment of the Unit 4 spent fuel pool?

8 CHUCK CASTO: I think you're right. It's
9 not certain the condition of the Unit 4 spent fuel pool.

10 (b)(5)
11

12 The reason they say acetylene because they
13 said they said they had some acetylene bottles down below
14 the spent fuel pool, for supporting the outage and
15 cutting up that shroud and all the things that they were
16 doing.

17 But if you look at that explosion, it
18 doesn't look like acetylene tanks. And during this
19 event, what would be the initiating event for acetylene
20 tanks going off all at once? It just doesn't seem to
21 fit the profile.

22 Now it's true that there's more damage at
23 the lower levels in that unit than there were the other
24 units. And some people speculated there's a
25 cross-connect between the Unit 3 and Unit 4 stack. And

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1 the stack may have backed up into Unit 4.

2 And that was, hydrogen came up from the
3 stack. But that's not very explainable either. And
4 if you look at the flow path, why hydrogen would go down,
5 and not up.

6 So none of those stories, and then there's
7 the story of the MG set oil, that it vaporized and it
8 could explode at the lube oil. But you don't see a lot
9 of hydrocarbon smudges on the debris. And there was
10 no hydrocarbon black smoke during the explosion.

11 So there's been a number of theories about
12 the source of hydrogen and the source of the explosion
13 in Unit 4 over this last month.

14 ROY ZIMMERMAN: Does the site team agree
15 that there is likely some damage? In terms of, if we
16 want to reword this to try to get rid of some of the
17 confusion, do you all believe that there is some damage
18 to the fuel rods in the pool?

19 CHUCK CASTO: Yes, we've always believed
20 that. There were four days, you know, after the
21 explosion it steamed, the spent fuel pool. There was
22 steam coming out of that building. You could see it
23 on CNN.

24 Then they quit adding water, or they never
25 added water, and it stopped steaming. And for three

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1 or four days they didn't add water. And it quit steaming
2 at that point.

3 And then when they added water with the
4 giraffe (phonetic), it started steaming again,
5 indicating that they were not putting water on top of
6 water, but water on top of hot fuel.

7 ROY ZIMMERMAN: Okay.

8 CHUCK CASTO: Because it started steaming
9 again. There were three or four days of no steam coming
10 out of that spent fuel pool.

11 ROY ZIMMERMAN: Okay.

12 CHUCK CASTO: So we believe it was
13 uncovered. Now, the isotopic analysis that I think
14 you're speaking of, and they hung their hat on that and
15 said there was a little bit of iodine in that isotopic.

16 If there was some iodine in there they
17 thought there was maybe some fuel damage. They later
18 come out and said, today they came out and said no, the
19 iodine was trace amounts of iodine. We don't believe
20 there was any fuel damage in Number 4 spent fuel pool.

21 ROY ZIMMERMAN: How long ago was that?

22 CHUCK CASTO: That was today. Yesterday
23 they thought there was some because they found that
24 iodine. And they claimed well, there might have been
25 some fuel damage.

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1 ROY ZIMMERMAN: Today they think there's
2 no fuel damage.

3 CHUCK CASTO: And today, after looking at
4 the sample, they said well, with trace amounts of iodine
5 in there, it wasn't significant. We've looked at the
6 samples and the health physicists tell me that the
7 sample, there was only one sample.

8 So if they get off the end of the giraffe,
9 after they had put the water in the spent fuel pool.

10 And the health physicists tell me that the sample that
11 they've got, that they took, the numbers are lower than
12 any in our spent fuel pools in the United States right
13 now.

14 So we're beginning to believe that all they
15 merely did was sample water that they had just added
16 to the spent fuel pool before they took the sample.

17 And the water, the isotopic analysis is very
18 similar to the isotopic analysis in the sea, where
19 they're taking the water from. So we believe that all
20 they managed to do was measure the water they just put
21 in there.

22 ROY ZIMMERMAN: Okay.

23 CHUCK CASTO: They have insisted today that
24 they are not going to take another sample, any other
25 sample, because there is no need to. They took that

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1 one sample and it shows low amounts and so there's no
2 damage. There's no need to take another sample.

3 ROY ZIMMERMAN: Are they going to update
4 their report from yesterday, where they said that they
5 had some fuel damage to no fuel damage? Or are they
6 just going to leave it the way it is?

7 CHUCK CASTO: I didn't ask them that
8 question tonight. I can ask them that question, if
9 they're going to update.

10 ROY ZIMMERMAN: Okay.

11 CHUCK CASTO: But --

12 ROY ZIMMERMAN: Right now TEPCO would say
13 they don't think they had any fuel damage.

14 CHUCK CASTO: Right.

15 ROY ZIMMERMAN: We would disagree.

16 CHUCK CASTO: We would disagree with that.

17 ROY ZIMMERMAN: Okay.

18 CHUCK CASTO: We don't see B

19 MALE PARTICIPANT: Were there any
20 considerations for the fact that maybe you just had some
21 zirconium reaction enough to generate hydrogen that
22 didn't actually cause a total breach of all the fuels,
23 you know, the spent fuel rods?

24 CHUCK CASTO: Yes, there might have been.
25 In fact, I think we have looked at the amount of hydrogen

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1 it was taking. Amazingly enough, it's not a whole lot,
2 the damage that it did.

3 MALE PARTICIPANT: Right.

4 CHUCK CASTO: The reason that it went down
5 to the lower level, and some people say they saw the
6 roof slump before the explosion, we think that might
7 have been because there was a fire in there.

8 MALE PARTICIPANT: Okay.

9 CHUCK CASTO: You know, we really don't
10 know. And so far, none of the UAV overflights, they
11 haven't shown us the videos from those, where they were
12 supposed to fly over the Unit 4 spent fuel pool. They
13 have not released any of those videos. And we have this
14 one sample point which seems questionable in our mind.

15 MALE PARTICIPANT: Okay.

16 CHUCK CASTO: I talked to senior government
17 officials tonight and suggested to them that it would
18 be in their benefit to get a more reliable sample in
19 the future. And I don't know if they will insist on
20 TEPCO taking more samples or not.

21 MALE PARTICIPANT: Okay.

22 ROY ZIMMERMAN: All right, seems like it's
23 a moving picture at this point. So we'll continue to
24 follow it with just a thanks for getting some clarity
25 to it for us.

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1 CHUCK CASTO: I don't know if that's
2 clarity.

3 ROY ZIMMERMAN: Well, it helps. Why don't
4 you go with the next item you have for us before we raise
5 anything else to you.?

6 CHUCK CASTO: Ground water around Unit 1
7 and 2 has increased. Ground water contamination has
8 increased anywhere from six to 38 times what it was last
9 week. So the Unit 3 and 4 is about the same as last
10 week.

11 ROY ZIMMERMAN: You said Unit 1 and 2
12 increased how much?

13 CHUCK CASTO: Anywhere from six to 38
14 times.

15 ROY ZIMMERMAN: Okay. And what are the
16 isotopes, do you know?

17 CHUCK CASTO: Yes, I think I have that here
18 somewhere.

19 ROY ZIMMERMAN: Just the major ones that
20 they are finding.

21 CHUCK CASTO: Let me see if that's in here.

22 ROY ZIMMERMAN: Is there a concern about
23 it getting into the drinking water?

24 CHUCK CASTO: No, as far as I know, I think
25 we had somebody look at the hydrogeology in that area.

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1 And basically, everything underneath that plant goes
2 straight to the ocean.

3 ROY ZIMMERMAN: Okay.

4 CHUCK CASTO: Let's see if I can find an
5 isotope here. No, they just say radioactivity levels,
6 ground water.

7 ROY ZIMMERMAN: Okay.

8 CHUCK CASTO: This looks like it must be
9 a range because it says anywhere from six to 38 times
10 higher, depending on the isotope they sampled for.

11 ROY ZIMMERMAN: Okay.

12 CHUCK CASTO: Let's see, as far as people
13 radiation, we had a report that so far 28 people who
14 have received greater than ten rem. The highest they
15 reported is 19 rem dose, one person with 19 rem. At
16 least that's what the report is. Currently they are
17 limited, 25 rems maximum exposure.

18 ROY ZIMMERMAN: Okay, that was 28 people?

19 CHUCK CASTO: Yes, 28 people with greater
20 than ten rem exposure.

21 ROY ZIMMERMAN: Okay. Can you talk a
22 little bit about what I think Shaw is doing for them
23 in building this cooling system? Is that the vision
24 that they're not going to use the installed equipment,
25 but rather having this one pass through cooling into

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1 the ocean.

2 And the holdup tanks, they're going to try
3 to get back into a recirc cooling phase mode with Shaw
4 building them a system to do this. Is that close?

5 CHUCK CASTO: Yes, I haven't heard much
6 about that lately. But that's on the long, whatever
7 you call it, they just call it a roadmap now. They don't
8 even call it a long/short/medium range plan. It's just
9 called the roadmap.

10 ROY ZIMMERMAN: Yes, Wendall (phonetic)
11 sent up something today. Steve sent us something today.
12 They call it a Way Forward. I guess, who's the author
13 of that Way Forward to an end B

14 CHUCK CASTO: TEPCO.

15 ROY ZIMMERMAN: That's a TEPCO document?

16 CHUCK CASTO: Yes.

17 ROY ZIMMERMAN: Okay.

18 CHUCK CASTO: And you can see what it says
19 there about B

20 ROY ZIMMERMAN: Yes.

21 CHUCK CASTO: Their theory is, they told
22 us by mid-April that they would have that 60.4 thousand
23 ton capacity for storage and some clean up. Today
24 they're reporting that instead of mid-April, it will
25 be mid-May before they would have that.

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1 I bet this Way Forward thing, I've met with
2 them for about an hour, mainly it's government
3 officials, senior government officials on this Way
4 Forward.

5 They intended to release it tomorrow
6 afternoon. TEPCO intended to release it tomorrow
7 afternoon. But they called me a few minutes ago. The
8 government called me a few minutes ago and said that
9 it's being delayed 24 hours. But I presume whatever
10 I said is they're going to take another look at it.

11 ROY ZIMMERMAN: Okay, so it's going to be
12 Monday when they're going to release it?

13 CHUCK CASTO: Yes. Well, it will be Sunday
14 night here. So that will be Sunday morning for you guys.

15 ERIC LEEDS: Hey, Chuck and Roy?

16 ROY ZIMMERMAN: Yes.

17 ERIC LEEDS: Yes, this is Eric Leeds. I
18 just broke in. I'm apologizing but this is serendipity.

19 ROY ZIMMERMAN: Good.

20 ERIC LEEDS: Yes, sorry to do this to you
21 guys. But, Chuck, you know that we're working on a
22 replacement for you and a replacement for Steve
23 Reynolds?

24 CHUCK CASTO: Yes.

25 ERIC LEEDS: All right. Well, I was going

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1 to ask you about what your opinion would be. Do you
2 need to have a Steve Reynolds-type replacement, you
3 think that would be useful to designate a replacement
4 for Steve?

5 CHUCK CASTO: Well, that's a difficult
6 question. Yes, I think so. Because actually you need,
7 there is enough work, somebody has to run the team.
8 And somebody has to deal with all the other, you know,
9 the political end of it, all the upper-level stuff.

10 ERIC LEEDS: Okay.

11 CHUCK CASTO: I can't do both. I can't do
12 both. I can't run the team and do the ambassador, the
13 DIET members, all that stuff that you have to do, you
14 can't do them both.

15 ERIC LEEDS: All right, so B

16 CHUCK CASTO: So you need one person to run
17 the team and one person to do all the, you know, be a
18 pretty face. I know it's easy for me to be the pretty
19 face. But not everybody can be a pretty face.

20 ERIC LEEDS: We always think of you as eye
21 candy, Chuck.

22 CHUCK CASTO: Yes, that's it. It's a
23 burden but I try to carry it well.

24 ERIC LEEDS: And you do a great job with
25 it.

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1 CHUCK CASTO: Yes.

2 ERIC LEEDS: All right, and the SES level
3 is what I should be shooting for?

4 CHUCK CASTO: I would say, you know, I've
5 said to Marty and them before, anything from a deputy
6 division director to a division director.

7 ERIC LEEDS: Okay, good, all right.

8 CHUCK CASTO: Somebody in that range.

9 ERIC LEEDS: I will work it. Okay?

10 CHUCK CASTO: Okay.

11 ERIC LEEDS: All right. Chuck, if I send
12 you an email, will you get it?

13 CHUCK CASTO: Absolutely.

14 ERIC LEEDS: All right, good. Thanks so
15 much. Sorry to break in. Thank you guys for allowing
16 me to do that.

17 ROY ZIMMERMAN: Have a good day, Eric.

18 ERIC LEEDS: All right, you two both,
19 thanks, bye.

20 CHUCK CASTO: Thanks, bye.

21 ROY ZIMMERMAN: Okay, you were talking
22 about TEPCO releasing on Sunday -- I don't remember the
23 topic -- you might have started after that.

24 CHUCK CASTO: Yes, this Way Forward, they
25 plan to release Saturday afternoon at 3:00 our time.

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1 But they recently called me and said Sunday afternoon.
2 That would be Sunday morning.

3 ROY ZIMMERMAN: Here.

4 CHUCK CASTO: Yes.

5 ROY ZIMMERMAN: Okay. All right, and I was
6 asking about Shaw. You don't have too much information
7 on whether Shaw is in the process of designing of
8 building the closed cooling system?

9 CHUCK CASTO: No, I don't have any
10 information on that at all. You know, I know about the
11 closed cooling system but I could remember if Shaw or
12 GE had that contract. But somebody has it.

13 And my discussions with TEPCO, you know,
14 they don't talk about that very much. It's on the plan,
15 if you look at Step 1, stable cooling, they say heat
16 exchangers. But they don't give any detail about that.
17 They have a detail --

18 ROY ZIMMERMAN: Long-range wise, they're
19 not really going to get through this Way Forward without
20 being able to deal with the water management issue.
21 And one way of dealing with that is to get this cooling
22 system in place.

23 CHUCK CASTO: Well, the water management
24 issue, they're definitely working on. And the
25 treatment facility, they're definitely working on it.

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1 HEADQUARTERS OPERATIONS OFFICER: Hello,
2 this is the headquarters operations officer. Sorry to
3 interrupt you, but Chairman Jaczko is coming up on the
4 bridge.

5 ROY ZIMMERMAN: Thank you.

6 HEADQUARTERS OPERATIONS OFFICER:
7 Chairman, you're on the bridge with Mr. Zimmerman and
8 Mr. Casto.

9 CHAIRMAN JACZKO: Okay, great, morning.

10 ROY ZIMMERMAN: Morning, Chairman.

11 CHUCK CASTO: Morning.

12 CHAIRMAN JACZKO: Chuck, how are you?

13 CHUCK CASTO: Good, sir.

14 CHAIRMAN JACZKO: Good. You guys want to
15 go through a quick update for me?

16 CHUCK CASTO: Sure, Roy, did you want to
17 go first? Or do you want me to go ahead?

18 ROY ZIMMERMAN: Well, why don't you
19 continue with where you were just starting on this water
20 treatment issue?

21 CHUCK CASTO: Yes, I think they'll have the
22 water treatment, I know they're working on the water
23 treatment. They're working on additional storage.

24 And I believe that somewhere around mid-May
25 they will have, somewhere's they will have another

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1 27,000 ton capacity by the end of May. And a mega float
2 out in the ocean of 10,000 tons in mid-May.

3 And they continue to work on water treatment
4 facilities. And that's a high priority because there
5 has been a lot of water issues. And it's also, as we
6 know, limits the ability to flood, particularly Unit
7 2 reactor.

8 So as far as heat exchangers, you know,
9 that's out there somewhere but that's not a high priority
10 item for them, removing the heat and putting it out into
11 the ocean.

12 They're really looking at feed and bleed
13 and to get heat lowering. And also, perhaps some
14 flood-up of Unit 1. Actually, it's kind of a natural
15 flood-up as they inject. We already think Unit 2 and
16 3 are probably flooded.

17 I went through with Roy, sir, spent fuel
18 pool Number 4. They got a sample out of the spent fuel
19 pool. And they indicate that there is very little
20 iodine activity. There's a trace amount of iodine so
21 they conclude there's no damage of the spent fuel pool
22 Number 4.

23 CHAIRMAN JACZKO: Okay.

24 CHUCK CASTO: We are not certain about that
25 because A, it was one sample. And B, the isotopic levels

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1 were so low they basically matched the ocean water that
2 they were putting in. And what it appears is that they
3 filled up the spent fuel pool with ocean water and then
4 took the sample.

5 CHAIRMAN JACZKO: Okay.

6 CHUCK CASTO: So we don't think that's a
7 valid sample.

8 CHAIRMAN JACZKO: Okay.

9 CHUCK CASTO: But they're not looking to
10 take another sample. They like the sample they got.

11 CHAIRMAN JACZKO: I mean, I guess at this
12 point, it's somewhat irrelevant. The pool is full now
13 so that's what matters, basically.

14 CHUCK CASTO: Right.

15 CHAIRMAN JACZKO: Yes, okay, good.

16 CHUCK CASTO: They are cross-connecting
17 Unit 1 and Unit 2 offsite power. Unit 1 and Unit 2 have
18 some offsite power lines that are separate from Unit
19 3 and 4. They're cross-connecting all of those lines
20 to make offsite power more reliable.

21 CHAIRMAN JACZKO: Okay.

22 CHUCK CASTO: Which is a good thing. They
23 do believe there may be four feet of water in the Unit
24 1 drywell. We believe that's possible too. So while
25 it's not up around the vessel, it may be at least, we

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1 told them we would like to see at least four to five
2 feet in the drywell if they didn't flood-up. So it
3 appears that they may have four feet in there now.

4 CHAIRMAN JACZKO: Okay.

5 CHUCK CASTO: I shared with Roy, ground
6 water around Unit 1 and 2, the radioactivity of
7 groundwater has increased to around, Unit 1 and 2, 4
8 and 6 through 38 times what it was last week. They gave
9 us some -- yes, sir?

10 CHAIRMAN JACZKO: Oh, just back on the
11 flooding, I read an article yesterday that seemed to
12 be quoting somebody anonymously about our desire. We
13 got it in the clips and it was in the international
14 section of the clips, so it led me to believe it was
15 somebody in Tokyo.

16 Somebody was in on a meeting saying that

17 (b)(5)

18
19 CHUCK CASTO: (b)(5)

20 (b)(5)

21 CHAIRMAN JACZKO: Yes.

22 CHUCK CASTO: -- I don't know where a news
23 story came from.

24 CHAIRMAN JACZKO: Yes, okay.

25 CHUCK CASTO: I don't know that there was

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--

CHAIRMAN JACZKO:

(b)(5)

(b)(5)

(b)(5)

CHUCK CASTO: Okay.

CHAIRMAN JACZKO: Thanks, Chuck.

CHUCK CASTO: They gave me some doses on people. They had 28 people greater than ten rem. They had, the highest was 19 rem, I think that is since the event started. They are limited to 25 rem maximum. I think that's all the site, they are putting some sandbags of zeolite around the plant to capture cesium.

CHAIRMAN JACZKO: Okay.

ROY ZIMMERMAN: Chuck, you mentioned the

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1 TEPCO Way Forward document is something that they're
2 looking at releasing Sunday morning, Eastern Time, that
3 will be able to give the populous a sense that they expect
4 three to six more months before they are able to achieve
5 the reductions in radiation, and the cooling stability
6 that they're desiring.

7 CHUCK CASTO: Yes, they showed me a Way
8 Forward document, which from here to forward, probably
9 known as a short/long and medium term plan, now it's
10 called a Way Forward plan.

11 And their question to me was about whether
12 they should, they think it's going to take about either
13 six to nine months to get in a stable position with the
14 site.

15 And we were walking through the plant and
16 they were trying to decide whether they should advertise
17 it as a six month or a nine month plan. And basically,
18 I just gave them the stability document and says, here
19 what the criteria.

20 I can't tell you how long it will take to
21 do this. So it depends on your sense of urgency, and
22 what you can do to get some reliable redundant feed
23 systems before you decide to flood. We had a long
24 discussion this evening, and actually the ambassador
25 attended a meeting with me and Hasano, a couple of other

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1 DIET members, and the CNO from TEPCO.

2 And we had a long discussion about stability
3 and what stability is and how to improve risk, including
4 reliability, redundancy, and diversity in injection
5 sources. The value of flooding in terms of reducing
6 dose consequence.

7 So it was a, the ambassador went through
8 it with us. And we had a pretty healthy dialogue, I
9 think, at the most senior level about the benefits of
10 having a diverse, redundant feed system.

11 And we went through the issue about the lost
12 offsite power the other night, the 50 minutes. The
13 MELCOR insight, that was a several hour meeting. I
14 guess it was two hours and 45 minutes, something like
15 that, with Mr. Nathano (phonetic), and DIET members,
16 and the CNO.

17 And then they called me back later, after
18 I got back, and told me that the Way Forward plan would
19 be delayed another 24 hours before they announced it.

20 CHAIRMAN JACZKO: Are you trying to side
21 with that?

22 CHUCK CASTO: Yes, that's fine. I'm glad
23 they have a plan. They're starting to be getting more
24 and more, they had another more detailed version of it.

25 But it was still in Japanese, hadn't been translated

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1 yet. So I don't have a copy of that.

2 But we tried to talk out what we consider
3 is stable and what's in their plan, the details. But
4 we were really just trying to emphasize, particularly
5 to Mr. Hatano, and Nagashimi, about the value of diverse
6 and redundant feed supply. And above all, they can gain
7 two orders of magnitude improvement in risk if they just
8 do that.

9 CHAIRMAN JACZKO: Yes.

10 CHUCK CASTO: And as far as initiating
11 events, we've just been going through some detail of
12 that. And then they can also gain one to two orders
13 of reduction in consequence if they flood. So we went
14 through all the PRA stuff with them.

15 CHAIRMAN JACZKO: Okay.

16 CHUCK CASTO: And tried to get the upper
17 senior leadership to better understand the importance
18 of the feed system and flooding.

19 CHAIRMAN JACZKO: What's your sense? Now
20 if you had to rank this on a scale of one to five, in
21 terms of how it's progressing, one being the best, where
22 would you put it?

23 CHUCK CASTO: Roy kind of asked that same
24 question in a different way. You know, it's slow. It's
25 going to be a one or a two. It's slow.

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1 CHAIRMAN JACZKO: Yes.

2 CHUCK CASTO: And it's hard to understand
3 why you can't get a redundant and diverse injection path,
4 let's say.

5 CHAIRMAN JACZKO: Okay.

6 CHUCK CASTO: If they would just do that,
7 they would have a two order magnitude improvement in
8 risk.

9 CHAIRMAN JACZKO: Yes.

10 CHUCK CASTO: I would take two orders of
11 magnitude improvement in initiating vent frequency.

12 CHAIRMAN JACZKO: Yes.

13 CHUCK CASTO: And they're starting to move
14 on that. They want to move some of the fire trucks up
15 out of the tsunami zone.

16 CHAIRMAN JACZKO: Yes.

17 CHUCK CASTO: But I talked with them
18 tonight and, you know, well, the other night you couldn't
19 get the fire trucks connected in 50 minutes. And they
20 said well, we think we could have done it in an hour.
21 And it's well, the MELCOR shows you have about ten
22 hours.

23 And as you know, we prefer not to see any
24 minutes when you have a loss of offsite power. For our
25 normal plant, when a normal plant with a diesel generator

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1 starts up within a minute or so --

2 CHAIRMAN JACZKO: Right.

3 CHUCK CASTO: -- and provides power to the
4 safety system. So we prefer no loss of injection on
5 a loss of offsite power. And they acknowledged that.
6 But yet, they were still relying on the backup system,
7 it's fire trucks with a squad of people, you know, with
8 a fire truck, that connect hoses.

9 CHAIRMAN JACZKO: Yes.

10 CHUCK CASTO: That's not very reliable.

11 CHAIRMAN JACZKO: Okay. What can I do to
12 help you to make more progress there?

13 CHUCK CASTO: Well --

14 CHAIRMAN JACZKO: I'm sorry, there's a lot
15 of noise in the background.

16 CHUCK CASTO: Yes. Maybe at some point we
17 would have to talk about a telephone call between you
18 and Mr. Hasano.

19 CHAIRMAN JACZKO: Okay.

20 CHUCK CASTO: Just to see what we could do
21 to further support him.

22 CHAIRMAN JACZKO: Okay.

23 CHUCK CASTO: And gently, you know, talk
24 about the importance of a redundant, diverse injection
25 path. The ambassador talked about the considerations

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1 for flooding, particularly Unit 2. And we all know that
2 if they flood, there's a potential that high-level
3 radioactive waste goes to the sea if they flood.

4 CHAIRMAN JACZKO: Right.

5 CHUCK CASTO: And they said the
6 international community will just not accept that. And
7 so they're in this conundrum here.

8 CHAIRMAN JACZKO: Okay. Well, why don't
9 we do this then? Let me just give indications in the
10 interagency today that I may, people are comfortable
11 to make a phone call just to reiterate our interest in
12 continuing to support, and indicate who I would be
13 talking to.

14 Just to make sure I get everybody in the
15 interagency comfortable with that. And if you can maybe
16 talk to the ambassador there, I suspect that he would
17 probably be comfortable with that.

18 Obviously, these things will take a day or
19 two to get set up. So we can talk about it sometime
20 early next week. And then that way we get all the green
21 lights, we can go ahead and make that phone call.

22 CHUCK CASTO: Yes. I would suggest
23 talking to Ambassador Roos (phonetic). And then
24 calling the government after you talk to the ambassador.

25 CHAIRMAN JACZKO: Okay, good, that's fine.

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1 And that's easier to set up. So we can just set up
2 that phone call.

3 CHUCK CASTO: Yes, sir.

4 CHAIRMAN JACZKO: Okay, good. Can you
5 help with that, Chuck?

6 CHUCK CASTO: Yes I will.

7 CHAIRMAN JACZKO: Okay, good.

8 CHUCK CASTO: I'll do that too.

9 CHAIRMAN JACZKO: What else? Anything
10 else --

11 CHUCK CASTO: That concludes the, we did
12 set up with them a hotline today. We gave them some
13 criteria, then I mean MOFA, the Ministry of Foreign
14 Affairs, through NISA, we set up a hotline of incidents
15 that happened at the plant that we would like calls
16 concerning, sort of like an event notification process.

17 CHAIRMAN JACZKO: Yes.

18 CHUCK CASTO: And they agreed with that.
19 So when they meet those criteria, and it's things like
20 evacuation of the site, loss of offsite power,
21 earthquake greater than 5.0, and any incident that would
22 cause us to reevaluate the condition of the plant, in
23 terms of feed and bleeds.

24 They would notify the Embassy. And then
25 the Embassy, we set up a call-out procedure for the

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1 Embassy.

2 We have a duty officer now with a dedicated
3 phone, and they would call up, as well as they'll call
4 DOE if any of the telemetry alarms from the Spencer
5 backpacks. So they'll call us. I think we have pretty
6 much completed that project that we have been asked to
7 endeavor on.

8 CHAIRMAN JACZKO: Good. Anything else?

9 CHUCK CASTO: That's the end of my brief.

10 CHAIRMAN JACZKO: Okay. Roy, anything you
11 had to add?

12 ROY ZIMMERMAN: I would mention that the
13 GE, Hitachi analysis for the Unit 2 fuel --

14 CHAIRMAN JACZKO: Yes.

15 ROY ZIMMERMAN: -- and whether it's in the
16 reactor vessel or experience an ex-core event, is
17 expected about 5 o'clock our time today.

18 CHAIRMAN JACZKO: Oh, good.

19 ROY ZIMMERMAN: And the informal
20 information we have is that they do not believe that
21 the fuel had an ex-core.

22 CHAIRMAN JACZKO: Good. That's also
23 positive.

24 ROY ZIMMERMAN: (b)(5)

25 (b)(5)

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1 CHAIRMAN JACZKO: Okay.

2 ROY ZIMMERMAN: And DMT here is in the
3 support role, with some support from the line (phonetic)
4 organization on that.

5 CHAIRMAN JACZKO: Good.

6 ROY ZIMMERMAN: We're still trying to get
7 a copy and Chuck, maybe you have it, a copy of the
8 Department of State memo on the return of citizens,
9 excuse me, of folks, U.S. citizens to Tokyo.

10 I think that was, they were trying to get
11 that out with school starting on Monday. We talk about
12 how they're going to check food stuff but no KI. But
13 I haven't seen the Department of State memo issued yet.
14 Chuck, do you know whether that has gone out?

15 CHUCK CASTO: I presume it's gone out.
16 They made the announcement here but I have not seen it.

17 ROY ZIMMERMAN: Okay. Well, we'll try to
18 get a copy. And if we get one before you, we'll ship
19 one your way.

20 CHAIRMAN JACZKO: Roy, just to confirm, we
21 were comfortable with the technical support for that?

22 ROY ZIMMERMAN: Yes.

23 CHAIRMAN JACZKO: Okay.

24 ROY ZIMMERMAN: We coordinated and gave our
25 concurrence on that.

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1 CHAIRMAN JACZKO: Good.

2 ROY ZIMMERMAN: I think those are the
3 highlights, Chairman.

4 CHAIRMAN JACZKO: Okay, great. Well,
5 thanks everybody. I appreciate all the hard work. And
6 Chuck, get some sleep. And Roy, you should get some
7 sleep too.

8 ROY ZIMMERMAN: I'm doing fine. I'm on
9 days. I got nothing to complain about.

10 CHAIRMAN JACZKO: Good.

11 ROY ZIMMERMAN: Chuck has the heavy
12 lifting.

13 CHUCK CASTO: We got a great team.

14 CHAIRMAN JACZKO: Good. Thanks
15 everybody.

16 ROY ZIMMERMAN: Chairman, when would you
17 like to talk again?

18 CHAIRMAN JACZKO: I think we're just, right
19 now, doing this once a day at this time. And so let's
20 continue doing that unless something comes up, you need
21 me, just call.

22 ROY ZIMMERMAN: All right. So we will look
23 at doing this tomorrow, Saturday --

24 CHAIRMAN JACZKO: Yes.

25 ROY ZIMMERMAN: -- same time?

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1 CHAIRMAN JACZKO: Yes.

2 ROY ZIMMERMAN: Thank you very much. You
3 have a good day.

4 CHAIRMAN JACZKO: Thanks, you too.

5 CHUCK CASTO: Thanks, Chairman.

6 CHAIRMAN JACZKO: Right.

7 ROY ZIMMERMAN: Do you have a couple more
8 minutes, Chuck?

9 CHUCK CASTO: Yes I do.

10 ROY ZIMMERMAN: Are you in a good place for
11 the Secretary Clinton arrival? The slides are a final
12 or are you still waiting on comments? I know the
13 Commission offices have an interest in seeing the slides
14 we provided in the draft yesterday.

15 CHUCK CASTO: And I'm believing I sent the
16 finals, I think, the final package.

17 ROY ZIMMERMAN: Who did you send them to?

18 CHUCK CASTO: I think I sent them to ET02
19 or 07.

20 ROY ZIMMERMAN: Okay, we'll look for it.

21 CHUCK CASTO: And then I think I sent them
22 to Marty. And I sent them to, but I can send them
23 directly to you too. There should be an ET07 or 02.

24 ROY ZIMMERMAN: No, if you sent it, we'll
25 find it. It's getting late there. I'm sensitive to

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1 your time. So if you sent them and you sent them to
2 Marty then we should have the final slides.

3 CHUCK CASTO: I think they went to ET02.

4 ROY ZIMMERMAN: Okay. We'll find them.
5 Thank you. We've been working to try and unravel a
6 couple of things. The global assessment, right now,
7 is a fairly thick document that, verifying page numbers,
8 there's no page numbers. There's probably about 70
9 pages or something.

10 My understanding is that there is an effort
11 underway, maybe back here, to shorten that document down
12 a little bit. But there --

13 CHUCK CASTO: What I heard --

14 ROY ZIMMERMAN: Say that again.

15 CHUCK CASTO: Marty wanted to take the
16 chronology out. But basically that document belongs
17 to you guys. So whatever you choose --

18 ROY ZIMMERMAN: Yes. It's confusing for
19 me. I don't want to confuse you. I definitely don't
20 want to do that. The document yesterday, that you
21 talked to Marty about, where he wanted to take the
22 attachment out of, was the interim safety assessments.
23 That's not the global assessment, right?

24 CHUCK CASTO: Yes. That the interim
25 comprehensive assessment is the global assessment. We

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1 had to get rid of the word global because it confused
2 the Japanese, thinking that it was an international
3 document.

4 ROY ZIMMERMAN: Okay, so we need to get rid
5 of global. So you sent a document to us, that we talked
6 about with Marty, that's ten pages long, yesterday.
7 You asked for comments on that. And titled Interim
8 Safety Assessment, Fukushima Daiichi Event. That is
9 what you used to refer to as the global?

10 CHUCK CASTO: That's right.

11 ROY ZIMMERMAN: Okay. There's another
12 document that is about 80 pages long. We have an --

13 CHUCK CASTO: Yes, that should be the
14 appendix to the assessment document.

15 ROY ZIMMERMAN: So if it's about 70 pages,
16 that's 70 pages worth of attachments?

17 CHUCK CASTO: That sounds about right.

18 ROY ZIMMERMAN: Okay. This thing has an
19 executive summary, NRC response, I never saw this until
20 today. I think the RST has been working on it. The
21 U.S. industry response, INPO had five major roles --

22 CHUCK CASTO: Yes, I really can't tell you.
23 But I suspect, if that came from Mike Hay, that's the
24 global assessment appendices, appendix.

25 ROY ZIMMERMAN: Okay. This says Mike Hay

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1 on it. There's nothing that says appendices but we'll
2 try to tie it together today. All right.

3 And then you got your talking points, you
4 said that we'll find them. All right, so the interim
5 safety assessment is what used to be the global
6 assessment, good to know.

7 CHUCK CASTO: Yes.

8 ROY ZIMMERMAN: All right, I do have a bunch
9 of comments on this. I know you probably wanted
10 comments by now. We'll look at trying to get you
11 something as soon as we can. We do have a number of
12 people that have commented. We just want to make sure
13 we give good comments.

14 Now this is the document Marty said that
15 we would take over the lead. But I think you need to
16 see the changes we are proposing so that we don't lose
17 the quality of the document that you all initially
18 created.

19 CHUCK CASTO: Okay.

20 ROY ZIMMERMAN: So that's our last to get
21 back to you.

22 CHUCK CASTO: No problem.

23 ROY ZIMMERMAN: All right. I think that's
24 it for me, for now. Does anybody in the room have
25 anything else for Chuck? All right, we're going to let

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1 you go. We will talk to you tomorrow at the same time.

2 I might have mentioned 10 o'clock, that's
3 the wrong time if I said that. That was the TA brief.

4 We'll be back at 8:30 our time tomorrow. And the
5 chairman will dial in around 8:45.

6 CHUCK CASTO: Okay, no problem, Roy.
7 Appreciate it everyone. Thanks for your help.

8 ROY ZIMMERMAN: All right, you have a great
9 day. Sleep well.

10 CHUCK CASTO: All right, take care.

11 ROY ZIMMERMAN: Bye.

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1
2
3
4
5 (CONFERENCE CALL INITIATED)

6 0 (COM) -13765094

7 MALE PARTICIPANT: We have Vince Holahan
8 from PACOM (phonetic) coming up. All right, Vince, you
9 should be on the AT.

10 VINCE HOLAHAN: Hey, thank you, very much.

11 ROY ZIMMERMAN: Hi, Vince.

12 VINCE HOLAHAN: Hey, Roy, how you doing
13 this morning?

14 ROY ZIMMERMAN: Doing well. How are you?

15 VINCE HOLAHAN: Ah, not too bad. We're
16 starting a Friday here in paradise.

17 ROY ZIMMERMAN: Yes, you're speaking the
18 truth aren't you. Too bad you don't have enough time
19 to get out there and enjoy it a lot.

20 VINCE HOLAHAN: Well, the good news, it's
21 the last two days I've been able to get out of here around
22 5 o'clock, which gave me a chance to go for a walk for
23 about an hour and a half to two hours.

24 ROY ZIMMERMAN: Oh, that's great. That's
25 got to be good mental therapy for you.

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1 VINCE HOLAHAN: Well, I'll tell you what,
2 the first half of the walk is through an industrial zone
3 so that's not real interesting. But then you get over
4 to Hickam and, of course, you know the Air Force, they've
5 got a real nice park that you can walk for another half
6 an hour along the bay coming out into the ocean. So
7 that's not too bad.

8 ROY ZIMMERMAN: Very, very good. I'm sort
9 of rounding up the group here so we can all communicate
10 together. So a couple more minutes, we should have
11 everybody in. So you're coming back on the 28th, right?

12 VINCE HOLAHAN: That's the current plan
13 right now. Wheels up the 28th, landing on the 29th.

14 ROY ZIMMERMAN: Has anybody talked to you
15 about your own personal views on whether we need to
16 backfill for you, or whether we can handle PACOM's
17 request coming in through the Op Center and then farming
18 them out?

19 VINCE HOLAHAN: My thought is, is we should
20 get a pretty good idea next week. And the reason I say
21 that, Admiral Willard (phonetic), he's been on travel
22 for about the last ten days. He returned to Hawaii late
23 last evening. And he was the one that requested that
24 we send someone out here.

25 ROY ZIMMERMAN: Right.

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1 VINCE HOLAHAN: Based on conversations
2 that we had yesterday, they're still pretty wed to having
3 somebody here.

4 I was in a meeting and they were having a
5 conference call, a VTC with Admiral Willard, and all
6 of sudden I know I've got somebody breaking into the
7 meeting saying, we need you up in the executive
8 conference room now.

9 ROY ZIMMERMAN: Yes.

10 VINCE HOLAHAN: And he is looking for that
11 independent feedback on status of the reactors, status
12 of the spent fuel pools, trying to give him some idea
13 of what kind of lead time he might have if something
14 were to go wrong, so they could execute an evacuation
15 mission, those type of things.

16 ROY ZIMMERMAN: Let me start by, has that
17 question been asked of you before? Because we were
18 meaning to ask you on one of these ships, or somewhere
19 during this past week, is this the first time you've
20 heard the question?

21 VINCE HOLAHAN: No. They have been
22 worried about that since day one. Right now, they have
23 --

24 ROY ZIMMERMAN: I'm not being cleared then.
25 I think the NRC's sentiment is to bring you home and

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1 not replace you. So I'm asking whether you've been
2 asked the question about your own personal view, about
3 whether the NRC really needs to have somebody there.

4 Or whether we need to cut the umbilical
5 cord. And if they have a question, call in 24/7 to the
6 Op Center and somebody will be able to support you?

7 VINCE HOLAHAN: Well, Roy, honestly that's
8 where I'm trying to drive this to. I think if the
9 ambassador has made his statement, folks start coming
10 back. They start toning down the rhetoric here, to get
11 comfortable with their new evacuation plans.

12 I honestly think we'll be to the point where
13 yes, we could leave here, go back through the HOO to
14 either the RST or the PMT, direct the questions to where
15 they need, I think that's the end state we would like
16 to get to.

17 ROY ZIMMERMAN: Do you think we will be
18 there so we don't need to replace you? Or do you think
19 we have to go another round?

20 VINCE HOLAHAN: Well, what I'm saying is
21 I think I need to have a couple of days with Admiral
22 Willard.

23 ROY ZIMMERMAN: Okay.

24 VINCE HOLAHAN: So he feels comfortable.
25 Because as I say, he has been offsite. Right now, I

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1 would describe us being here as that safety blanket,
2 where they've got somebody nice and close to them that
3 can answer questions.

4 ROY ZIMMERMAN: Right. We're just looking
5 at it in terms of whether you feel that it really is
6 something that we need to continue to do, even if they
7 don't like it.

8 Whether we've reached the point, based on
9 having been out there for several weeks, and looking
10 at how your time is spent, whether it's something that
11 really requires you to have to be right there within
12 grabbing distance?

13 Or whether we can wean them from us and
14 bring, you know, not replace you? But we'll do it your
15 way. Let's give it a few more days for you to interact
16 with Admiral Willard. And again, but the main thing
17 we're looking for is your own view, even if it differs
18 from Willard's, on whether we need to replace you or
19 not.

20 And if you say we can replace you now or
21 excuse me, end it 28th? Or whether we need to go another
22 couple weeks or whatever, your input is something that
23 we're looking for as soon as you feel comfortable in
24 finalizing it for us.

25 VINCE HOLAHAN: And I think we're looking

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1 at a rapid change in the operation tempo here in the
2 next 14 days. With the original plan, with my being
3 wheels up on the 14th, I would say yes, we need somebody
4 here now. I don't think we're going to need anybody
5 two weeks from now.

6 ROY ZIMMERMAN: Okay.

7 VINCE HOLAHAN: And we'll get a better feel
8 for that over the next couple of days.

9 ROY ZIMMERMAN: Okay. And people here
10 will be anxious for that feedback so that we can figure
11 out if we have to have somebody waiting in the wings
12 or not.

13 VINCE HOLAHAN: Well, I need to have a
14 lottery on that. I can turn a couple of bucks around
15 by just getting a list of folks that want to come out
16 here and doing a selection.

17 ROY ZIMMERMAN: Yes, that's true. But
18 it's got to be somebody who's got the capabilities that
19 you've got.

20 VINCE HOLAHAN: Oh, that should be easy to
21 fill, sir.

22 ROY ZIMMERMAN: Okay. We'll see. I
23 realize that a lot of hands go up in the air when you
24 say Hawaii.

25 VINCE HOLAHAN: Dollars talk, sir.

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1 Dollars talk.

2 ROY ZIMMERMAN: I hear you. Okay. What
3 do you got for us?

4 VINCE HOLAHAN: Well, the big feedback is,
5 is the 11 o'clock call we just had.

6 ROY ZIMMERMAN: Yes.

7 VINCE HOLAHAN: It was obvious there hadn't
8 been a turnover between Mike Brown and whoever was taking
9 it over today. Mike has been running a pretty tight
10 ship. There has been a lot of good information going
11 out. And today, we had the absolute lead on the call
12 and it didn't sound like we were prepared at all.

13 ROY ZIMMERMAN: Okay. Who was the
14 individual, I was off the call by the time, who was the
15 individual, who is? Oh, okay, so didn't you have the
16 stronger comment, to make it clear to all parties that
17 we realize that we didn't provide the level of
18 specificity and detail that we have done on prior calls.
19 That was you who spoke up.

20 VINCE HOLAHAN: Exactly.

21 ROY ZIMMERMAN: Okay, all right. I think
22 as it turned out, the individuals that are on shift now,
23 and in the room with me now, I got everybody in here,
24 has not been on shift very much.

25 So I think it showed during the phone call,

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1 that they didn't have the background on what we do on
2 those phone calls. And being that it's transitions were
3 having a team leader in the RST, to not having one, I
4 think Mike and others, I've never been on one of those
5 calls before.

6 But I think Mike and others, you know, have
7 been and sort of take for granted the way those calls
8 are run and what the agenda is and so forth. So we did
9 not have that continuity for this call.

10 And as you pointed out, it was apparent to
11 the others on the phone call. So we'll have to learn
12 from that for next time, to make sure that there is a
13 -- I don't know, do we keep meeting minutes from these
14 phone calls?

15 VINCE HOLAHAN: Oh, Mike had sent out
16 meeting minutes yesterday. He had generated a list of
17 NRC questions, hoping to get input from folks.

18 ROY ZIMMERMAN: Okay.

19 VINCE HOLAHAN: And that was one of the
20 genesis of the comments by Alice Cappetti (phonetic)
21 from DOE.

22 ROY ZIMMERMAN: You guys didn't see the
23 turnover minutes or any of that stuff?

24 MALE PARTICIPANT: No.
25

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1 ROY ZIMMERMAN: Okay.

2 FEMALE PARTICIPANT: But she did say that
3 that's why he (inaudible).

4 ROY ZIMMERMAN: Okay. So we didn't get it
5 during our turnover. Okay, are you guys here tomorrow?
6 Or you're not here tomorrow?

7 MALE PARTICIPANT: No.

8 ROY ZIMMERMAN: Okay, so you're going to
9 have to make sure that they learn, to make sure that
10 the meeting minutes get turned over.

11 And you've got to let them know the call
12 didn't go well today because we didn't have the meeting
13 minutes, we hadn't looked at them, so got to bring the
14 continuity back. Do we do these phone calls over the
15 weekend?

16 VINCE HOLAHAN: We have been. Well,
17 here's one of the changes, industry basically said we're
18 going to play on Tuesdays and Thursdays We're not going
19 to play the rest of the week.

20 They weren't seeing it as advantageous to
21 them. (b)(5)

22 (b)(5)

23 They want to go back into the more traditional lanes.

24 I was actually surprised to hear GE and
25 TEPCO on the call today. I will be very interested to

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1 see if they call in tomorrow if we're having a call.

2 ROY ZIMMERMAN: Well, the way we left it
3 was there is no call until Tuesday?

4 VINCE HOLAHAN: No. I think the comment
5 was that there's going to be a call tomorrow at 11 o'clock
6 your time.

7 ROY ZIMMERMAN: Is that the way we left it?

8 MALE PARTICIPANT: Yes.

9 ROY ZIMMERMAN: Okay. Well, I guess we'll
10 see who's on it.

11 MALE PARTICIPANT: No, part of the
12 confusion too, because what occurred when I was taking
13 over was, I asked about the call and they said they were
14 only Tuesdays and Thursdays now.

15 VINCE HOLAHAN: Well, that was the industry
16 point. However, DOE and Naval Reactors is using this
17 as an information exchange forum. And in some cases,
18 I think they're looking to us to provide information
19 that they are not receiving.

20 ROY ZIMMERMAN: Right.

21 VINCE HOLAHAN: So they were very much
22 pushing, this is Alice from DOE, pushing for the daily
23 call. Industry was looking for twice a week.

24 Part of the problem INPO has is, is their
25 engineers that are there seem to be coming in for a week

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1 at a time and leaving. So they don't have the resources
2 to put into all of the analytical products that we would
3 like to see them look at.

4 So they are trying to conserve on time.
5 I think they were trying to shift the support, TEPCO
6 on a Japanese clock, instead of doing a 24/7 type of
7 an operation. Clearly, the 11 o'clock call, Eastern
8 Standard Time doesn't support that type of off-tempo.

9 So there was some hesitance or reservation there.

10 ROY ZIMMERMAN: Okay. Well, it sounds
11 like there will be a call tomorrow. We'll turn over
12 to make sure that the RST tomorrow is well prepared for
13 the call.

14 They'll know what the questions were. And
15 try to get back into the approach that we have been using
16 previously. So that one caught us by surprise a little
17 bit. And we just didn't get it through the turnovers
18 of the notes and so forth. That's good feedback, thank
19 you.

20 VINCE HOLAHAN: Yes, lesson learned,
21 that's it.

22 ROY ZIMMERMAN: Okay. Anything else from
23 your world in terms of questions from PACOM, is it all
24 coming together well? Are there IOUs that we still have
25 for them?

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1 VINCE HOLAHAN: No. Right now, I think
2 things are going well. They are participating in a
3 number of consortia calls. Right now, how to treat
4 low-level waste is a big issue. OSD has got the lead
5 on that.

6 PACOM has been participating. I know a
7 joint support team in Japan, they have been
8 participating in that. Clearly, there's been an awful
9 lot of waste generated, both solid and liquid. They
10 are trying to figure out how to deal with that at several
11 different levels.

12 That seems to be going well. I don't think
13 anybody from headquarters is participating in that.

14 ROY ZIMMERMAN: Okay.

15 VINCE HOLAHAN: Obviously, you're involved
16 in the 8:00 p.m. call that deals with the equipment.

17 ROY ZIMMERMAN: Yes.

18 VINCE HOLAHAN: You're familiar with that.
19 There is constant participation on this end on that
20 aspect as well.

21 ROY ZIMMERMAN: Okay. All right. Are you
22 getting enough of the documents you need? You got the
23 SIT REPs from us and from DOE?

24 VINCE HOLAHAN: I have got the SIT REPs
25 directly from you. The DOE SIT reports go into a reading

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1 file that I receive downstairs.

2 ROY ZIMMERMAN: Okay.

3 VINCE HOLAHAN: As well as some of the

4 (b)(5) they drop in there
5 as well.

6 ROY ZIMMERMAN: Okay. All right. It
7 sounds like this whole activity is going to, as you well
8 know, be in it for the long haul. What the NRC's role
9 is will probably continue to shape-shift a little bit
10 over time.

11 But TEPCO is planning on putting out a
12 document shortly about the way forward, sort of their
13 view where this is going. And they talk in terms of
14 months. So that will be public information tomorrow.

15 Some of that has already been carried that
16 way in the media, but I'm not sure it has in Japan.
17 But it's going to be an activity that's going to take
18 a long time in order to be able to knock the radiation
19 levels down and have confidence in their core cooling
20 methodology, new system brought in and all that.

21 So I think their initial action, they see
22 a three month period. And then to have everything in
23 a stable condition, with high confidence, they've got
24 backup power and everything else is more like a nine
25 month time frame.

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1 VINCE HOLAHAN: That's their estimate?

2 ROY ZIMMERMAN: Yes, TEPCOs.

3 VINCE HOLAHAN: Okay, well, that's good to
4 know.

5 ROY ZIMMERMAN: Okay. We can probably get
6 that document over to you with a via close hold because
7 it's not public yet.

8 VINCE HOLAHAN: Well, the big point is
9 there is obviously questions at PACOM, in Japan, as well
10 as what are the short-term stability? And how long is
11 it going to be until we get to more stable condition?
12 And three months, nine months, that's something they
13 can start looking at, as opposed to unknown.

14 ROY ZIMMERMAN: Though, the document will
15 frustrate you a little bit because it's high level.
16 It doesn't get into the details on what they're going
17 to be doing between that three to nine month period.

18 So it just talks at a high-level about what
19 they are going to try to accomplish. So don't expect
20 too much from it. But at least when they come out with
21 this tomorrow, I think they're coming out with it around
22 3 o'clock Eastern time tomorrow.

23 It will be a little later in the day, or
24 a little earlier in the day for you. So we'll go ahead
25 and get that sent your way. Anything that you need in

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1 particular, Vince?

2 VINCE HOLAHAN: Suntan lotion.

3 ROY ZIMMERMAN: Yes. All right. It's not
4 raining today so we're willing to accept that comment.

5 FEMALE PARTICIPANT: Not yet, but I think
6 Trish might have something to say about that,
7 (inaudible).

8 ROY ZIMMERMAN: With the rain tomorrow
9 coming in, so be nice to your wife. Tell her you see
10 at least a cloud, and not too many rainbows.

11 VINCE HOLAHAN: Oh, actually, I've seen
12 some gorgeous rainbows here.

13 ROY ZIMMERMAN: Yes, I know. I've been
14 there. I know what you're enjoying when you get the
15 time. Okay. I guess in terms of other things that we've
16 passed on today, if you don't have anything else,
17 anything else from your end, Vince?

18 VINCE HOLAHAN: No. I'm pretty sure I
19 think forwarded me the email that you sent on the status
20 of the spent fuel pool and some reservations about that.
21 That was a good writeup so I appreciate that one.

22 ROY ZIMMERMAN: You'll see it in the SIT
23 REP also, some of the groundwater levels. Both the
24 Units 1 and 2 are a little bit higher. They reported
25 they had 28 people -- this is all from Chuck -- 28 people

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1 that have received greater than ten R. One person has
2 received 19R.

3 VINCE HOLAHAN: Actually that's not much
4 change than about two weeks ago.

5 ROY ZIMMERMAN: Do you remember what the
6 numbers were back then?

7 VINCE HOLAHAN: The 19 sounds new. They
8 have done some monitoring on some of the folks here.
9 And quite frankly, the CEDs are only on the order of
10 about 28 millirem, 29 millirem.

11 ROY ZIMMERMAN: Good.

12 VINCE HOLAHAN: Some of these folks didn't
13 have external dosimeters on them so we don't know what
14 their TEDE (phonetic) is, but exposures to some of the
15 marines here have been very very low.

16 ROY ZIMMERMAN: Great.

17 VINCE HOLAHAN: We're looking at folks in
18 Sundhi (phonetic), as well as on some of the helicopters.

19 ROY ZIMMERMAN: Good, that's good to know.
20 We're working on the composite paper that is coming
21 together, that will provide in the reactor condition
22 input, to help inform the decisions on reducing the
23 evacuation zone from 50 miles.

24 And the grab-and-go criteria, if we're
25 getting personnel belongings for U.S. citizens. That

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1 document is being revised internally and we will be
2 sending out for stakeholder comments before too long.

3 So you ought to be able to get a crack at that.

4 VINCE HOLAHAN: Yes, I've seen copies of
5 that. I provided comments back to Trish, I think last
6 weekend.

7 ROY ZIMMERMAN: Okay. Well, it's back
8 around now. So be on the lookout for it.

9 VINCE HOLAHAN: And I think the big thing
10 is that Revision 2 document, on the status of the
11 reactors in the spent fuel pools, you heard from, I guess
12 it was INPO as well, saying that's getting to be a dated
13 document.

14 ROY ZIMMERMAN: Which one now?

15 VINCE HOLAHAN: I guess it's a NRR document
16 now, dealing with what's the current status of the
17 reactors? What's the current status of the spent fuel
18 pools. Based on the SAMGs, what are we expecting them
19 to be doing here in the near-term?

20 ROY ZIMMERMAN: Yes, that's the SIT REP.

21 FEMALE PARTICIPANT: No, the Rev 2.

22 ROY ZIMMERMAN: Oh, the assessment?

23 FEMALE PARTICIPANT: Yes.

24 VINCE HOLAHAN: That's the assessment.

25 ROY ZIMMERMAN: Yes, they're working on,

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1 you heard me say on that RST call, we're working on a
2 more current assessment that takes into account
3 decisions based on what we think is more realistic plant
4 conditions.

5 VINCE HOLAHAN: No, I understand it. And
6 the concern was, is the industry input now is a week
7 old. And I know we have transitioned this over to NRR.

8 If they take another four to five working days to
9 develop that, to finalize it, the situation is going
10 to be two weeks old.

11 ROY ZIMMERMAN: Okay.

12 VINCE HOLAHAN: It's becoming dated
13 information.

14 ROY ZIMMERMAN: Yes. We haven't updated
15 the well, to see where we get the information for the
16 plant status also, which I think you were addressing
17 because that hasn't changed in a few days. Okay, we'll
18 try to keep it dynamic and keep it accurate.

19 VINCE HOLAHAN: And that document is the
20 one that is discussed in this 11:00 a.m. forum.

21 ROY ZIMMERMAN: Okay. That's the SIT REP
22 document?

23 VINCE HOLAHAN: Yes. You have the status
24 of the plant, the SAMGs, and everything else that's tied
25 into it.

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1 ROY ZIMMERMAN: Yes, the SIT REP.

2 VINCE HOLAHAN: Yes.

3 ROY ZIMMERMAN: The one that we issue at
4 noon each day.

5 VINCE HOLAHAN: Well, no it's more than the
6 SIT REP. This is the original, here's what the
7 short-term stability conditions are, the long-term
8 stability conditions are, the current assessment of the
9 plant, what SAMGs should be done, the discussion of what
10 TEPCO is doing or not doing based on that. That was
11 another composite document.

12 ROY ZIMMERMAN: Okay.

13 VINCE HOLAHAN: And that one originated in
14 this 11:00 a.m. conference call. And quite frankly,
15 INPO had the lead on much of that and has now transferred
16 it over to the RST.

17 ROY ZIMMERMAN: Okay. We'll have to see
18 where we get that information from. We'll get to turn
19 that over as well.

20 VINCE HOLAHAN: Well, GE-Hitachi was
21 supplying information. INPO was supplying
22 information. Information that we were getting from
23 Chuck was feeding into that.

24 ROY ZIMMERMAN: Well, apparently there's
25 no information coming in right now. So they haven't

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1 received any updates on temperatures, and crushers
2 (phonetic), if that's what you're talking about. They
3 haven't received anything today on any of that. Is that
4 what you're talking about?

5 VINCE HOLAHAN: Well, yes, as I say that's

6 --

7 ROY ZIMMERMAN: A part of it?

8 VINCE HOLAHAN: Yes, that's a part of it.

9 ROY ZIMMERMAN: Okay. All right, and they
10 are continuing to work on the Rev 2 assessment as well.

11 VINCE HOLAHAN: Well, that's what I'm
12 talking about. That's the Rev 2 assessment I'm talking
13 about.

14 ROY ZIMMERMAN: Okay. We have a meeting
15 on that in a half an hour. Okay. Good feedback, thank
16 you. Does anybody got anything else for Vince? Okay.
17 (Inaudible) here.

18 VINCE HOLAHAN: That being the case, I'll
19 be calling back into PMT in about six hours.

20 ROY ZIMMERMAN: Okay, very good. Thanks
21 a lot, Vince, thanks for calling.

22 VINCE HOLAHAN: Thanks. Have a good
23 afternoon and enjoy the weekend, if you've got the
24 weekend off.

25 ROY ZIMMERMAN: All right, stay well.

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VINCE HOLAHAN: Okay, thanks, Roy.

ROY ZIMMERMAN: Bye.

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1 (CONFERENCE CALL INITIATED)

2 (0 (DWY-GL13765094)

3 MALE PARTICIPANT: We think they're muted.

4 We're going to go check them.

5 MALE PARTICIPANT: That's okay, no hurry.

6 MALE PARTICIPANT: Can you hear us now?

7 That better?

8 MALE PARTICIPANT: Evening, Chuck.

9 MALE PARTICIPANT: Is that better?

10 CHUCK CASTO: I got it.

11 ROY ZIMMERMAN: I've only been doing this
12 for three weeks, so I still need training.

13 CHUCK CASTO: You need a procedure, huh?

14 ROY ZIMMERMAN: Yes.

15 CHUCK CASTO: Good morning.

16 ROY ZIMMERMAN: How are you?

17 CHUCK CASTO: Great.

18 ROY ZIMMERMAN: How'd the day go for you?

19 CHUCK CASTO: It was a rather, as you say,
20 a rather quiet day.

21 ROY ZIMMERMAN: Hate those (inaudible).

22 CHUCK CASTO: So we'll take those.

23 ROY ZIMMERMAN: Okay, yes, we saw an e-mail
24 from one of your team members that was sharing the fact
25 that it looked like you didn't have too many meetings

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1 planned over the weekend.

2 CHUCK CASTO: Yes, with the Secretary
3 coming in and other reasons, there wasn't a lot of
4 meetings going on. They've, you know, obviously the
5 advance team's been here since last Sunday and they're
6 making preps and tightening things down, so it's, a
7 little bit more difficult.

8 ROY ZIMMERMAN: Right, so you don't have
9 as many of the standard meetings as you typically have
10 had, but you've been filling that time with the preps
11 for the Secretary's visit?

12 CHUCK CASTO: And this new group, as you
13 were aware of, I think there were a total of, well, I
14 think there's one other, what's the training center guy,
15 comes in tomorrow, so basically this was a good day for
16 that new group to really just form.

17 ROY ZIMMERMAN: Good. Very good.

18 CHUCK CASTO: They spent a lot of time on,
19 today, clear up to late this evening getting up to speed
20 and talking with each other, so it was a good forming
21 session.

22 ROY ZIMMERMAN: Very good. Now you did get
23 a comment for the slides, right? For the Secretary's
24 visit?

25 CHUCK CASTO: I don't remember those

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1 comments. I remember Jim Wiggins's, but I don't
2 remember getting comments from you all. Give me an
3 example what the comment was. But I don't remember.

4 ROY ZIMMERMAN: I thought the last shift
5 or two had sent comments.

6 MALE PARTICIPANT: (inaudible) liaison
7 team.

8 CHUCK CASTO: I don't know.

9 MALE PARTICIPANT: The only comments we
10 know about was from Jim and Martin (phonetic).

11 CHUCK CASTO: Yes, I have those.

12 MALE PARTICIPANT: Those were forwarded
13 about five or ten times.

14 MALE PARTICIPANT: Yes.

15 ROY ZIMMERMAN: What about the comments
16 from Bill Ruland and --

17 CHUCK CASTO: I haven't seen those. Now
18 they may be buried in my e-mail. I'll look tonight.

19 If they come from the, if they were sent from like,
20 the liaison team or something.

21 MALE PARTICIPANT: I don't know. I'll
22 (inaudible).

23 ROY ZIMMERMAN: Yes, we've got to figure
24 out, there were other comments on the slide. And we
25 were, the goal, I'd heard that we sent you, at least

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1 I thought I understood that we sent you updated comments.

2 So our final comments. We made the rounds after day
3 shift yesterday. We made the rounds, (inaudible), Mike
4 Webber (phonetic) and Marty (phonetic) if they had any
5 comments, get them forwarded. I don't know if they did
6 or not. But that'll be our first course of action after
7 this because we don't want to be suggesting changes to
8 you at the last minute.

9 So they were, as an example of changes off
10 the top of my head, we'll still follow through, is,
11 there's a couple of slides, that one slide says that
12 it is an ongoing release from the site and you turn the
13 page and then it indicates the potential for a release.

14 So one slide says you have a release and the next one
15 says potential and what we put in was the word,
16 significant release.

17 CHUCK CASTO: Yes, and they should know
18 it's significant, yes.

19 ROY ZIMMERMAN: See what I'm saying?

20 CHUCK CASTO: That's good, yes. I'll look
21 those up, Roy and then polish them up and reinsert them.

22 You know, we gave a draft for the briefing book and
23 I'll get them reinserted in the morning for the briefing
24 book.

25 ROY ZIMMERMAN: But you've never heard that

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1 comment before about --

2 CHUCK CASTO: No.

3 ROY ZIMMERMAN: -- adding significant?

4 CHUCK CASTO: No.

5 ROY ZIMMERMAN: Well we're going to have
6 to figure that out and see where that stands.

7 MALE PARTICIPANT: Chuck, this is
8 (inaudible) here, sorry to get in there. Other than
9 saying if we find these comments and they look like they
10 got stuck in a Sent box or something, or even if we find
11 it and we send it, we send it again, just send it to
12 you or is there someone else?

13 CHUCK CASTO: Yes. Yes, the best way to
14 do it is to just send it to me.

15 MALE PARTICIPANT: Yes, sir.

16 ROY ZIMMERMAN: And there were not many
17 comments when I left, but there were, there was the
18 comment like that, a couple of the, we'll communicate
19 with you through e-mail on those comments. I've got
20 to figure out where they're at.

21 CHUCK CASTO: I suspect we're going to end
22 up with, you know, something in their briefing book and
23 probably a discussion with the (inaudible). Her
24 agenda, her itinerary continues to get pared back.

25 MALE PARTICIPANT: Yes, I think you had

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1 told me some time ago was that you were going to use
2 the slides with her staff and you were just really going
3 to just talk to her.

4 CHUCK CASTO: Right.

5 ROY ZIMMERMAN: Okay.

6 CHUCK CASTO: So yes. I think it's down
7 to like 15 minutes or something like that, so I don't
8 expect extensive, you know, discussions with her and,
9 you know, it's in her briefing package. The NRC is in
10 her briefing package so, you know, we're seeing what
11 she does.

12 I mean, it's really, obviously, up to her,
13 it's in her briefing package and if she wants something,
14 then, you know, she's likely to ask for it. So we're
15 just on standby if she wants to have a discussion or
16 say something and we'll be ready to do it. But
17 otherwise, it's with her staff and with her briefing
18 package.

19 ROY ZIMMERMAN: Okay so let me repeat that
20 back to you. One of the things we're saying is, we're
21 not sure, based on this call, that you've got all the
22 comments that we may have meant to get to you or get
23 out to you and we're going to look into that. But then
24 you're saying, perhaps, that you've already given the
25 slides for her briefing book, do you already have the

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1 set of slides or --

2 CHUCK CASTO: She'll get another briefing
3 book tomorrow when she gets here, so I'll reinsert, you
4 know, I gave the ambassador the first set of slides.

5 ROY ZIMMERMAN: So an early copy, a draft
6 copy?

7 CHUCK CASTO: Yes.

8 ROY ZIMMERMAN: Okay, good, all right.

9 CHUCK CASTO: Right. So they could have
10 a tab for the NRC, but, you know, it'll get reinserted.
11 I'll have reissued those slides to him in the morning,.

12 ROY ZIMMERMAN: I'm with you. So this will
13 be our first order after we finish with the Chairman
14 to figure out where are we so that you guys can go
15 finalize these slides?

16 CHUCK CASTO: Yes, I think I have a
17 briefing, a final briefing, with the ambassador at
18 11:00, well, I know I do, I don't think I do. I know
19 I do. I have a final briefing with him at 11:00 and
20 then he's headed for the air base to meet with her.

21 ROY ZIMMERMAN: Okay. What time do you
22 meet with her?

23 CHUCK CASTO: It's still rough on the
24 itinerary, but it's somewhere around 4:00.

25 MALE PARTICIPANT: Four o'clock tomorrow.

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1 CHUCK CASTO: Somewhere before 4:00 and
2 5:00 p.m. our time. It basically just said, they just
3 basically said, be in place at 3:30.

4 ROY ZIMMERMAN: Got you. Okay. What else
5 you want to share with us?

6 CHUCK CASTO: Let me look at my notes. And
7 I'll tell the chairman this, too, if he comes on. The
8 rad waste building is empty now and they are continued
9 to apply the sealant for rad waste.

10 ROY ZIMMERMAN: Is this a common rad waste
11 building or one per unit?

12 CHUCK CASTO: It's common, it's back behind
13 the reactor buildings. It's a rad waste facility, they
14 call it.

15 ROY ZIMMERMAN: And you said that that's
16 full, or?

17 CHUCK CASTO: It's empty now. They had two
18 levels of rad waste were full of water, low contaminated,
19 lightly contaminated water, mostly tsunami water.

20 ROY ZIMMERMAN: That was sent to the ocean?

21 CHUCK CASTO: They sent that to the ocean
22 and they've not completed pumping out those two levels
23 of water to the ocean and they are in the process of
24 applying sealant to the building on the inside to try
25 to make it leak-tight.

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1 ROY ZIMMERMAN: And then are they going to
2 put the highly contaminated water in there?

3 CHUCK CASTO: Yes, sir.

4 ROY ZIMMERMAN: Okay.

5 CHUCK CASTO: It just becomes rad -- it's
6 unbelievable for me to think about this, but rad waste
7 has become the, you know I used to work rad waste when
8 I was an operator, but the rad waste just becomes a tank,
9 basically. The building and the structure is becoming
10 a tank.

11 ROY ZIMMERMAN: Yes. So what, did you say
12 yesterday that they were constructing a 64, well, let
13 me make sure I got the number right, a 64-ton, you know,
14 like a barge for rad waste?

15 CHUCK CASTO: They have a, they're bringing
16 in a 27,000 ton verge (phonetic) ship, it's called, it's
17 basically a big, giant tank on a barge. The tank is
18 really, the barge is really a tank, I guess is the way
19 to put it, it's a verge ship, they're bringing in 27,000
20 tons.

21 By the end of, I think by the middle of May they
22 expect to have --

23 ROY ZIMMERMAN: I thought I missed the
24 tonnage and so I wanted to go back and get it right.

25 CHUCK CASTO: Yes, I think that one is 27,

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1 but the verge ship is 27,000 tons, but the total capacity
2 of all the tanks and verge ship that they're bringing
3 in is 60.4 thousand tons. Just over 60,000 tons of
4 storage capacity.

5 They believe they have 50,000 tons of water at
6 the facility, highly contaminated water, at the
7 facility.

8 ROY ZIMMERMAN: How many? Say that number
9 again?

10 CHUCK CASTO: Fifty-thousand, they believe
11 they have.

12 ROY ZIMMERMAN: Fifty-thousand tons
13 contaminated?

14 CHUCK CASTO: Fifty-thousand tons. Yes.
15 And so they believe they'll have capacity for 60.4
16 thousand tons by the middle or end of May.

17 ROY ZIMMERMAN: Got you. Thank you for
18 that.

19 CHUCK CASTO: We had a little jolt today,
20 it was a different earthquake than normal. I think it
21 was, I saw a number on it, it wasn't the, it wasn't very
22 large, it was a four-something or five-something. It
23 was less than 5.5, but it was an odd earthquake.

24 It was a real jolt, it wasn't, typically
25 they kind of roll in and roll out. But this one was

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1 a sudden jolt, this was a little odd. And a couple of
2 our new staff, it was disconcerting to them, at least
3 one person and, you know, we took them outside and then,
4 you know, two or three of us comforted them and then
5 we said, you know, hey, go to lunch, you know?

6 ROY ZIMMERMAN: It takes a little while to
7 get used to an earthquake.

8 CHUCK CASTO: Yes, yes, especially that
9 one, that was a little nastier earthquake,. That jolt
10 was really just odd. And so hopefully, you know, if
11 it's too disconcerting then we may have to do something
12 on the longer-term there.

13 That person is also on the tenth floor in the hotel
14 and I suggested that they ask the hotel for a lower floor.

15 ROY ZIMMERMAN: Good idea.

16 CHUCK CASTO: Because the, when you're on
17 the 10th floor, you know, and those earthquakes hit,
18 the buildings move quite a bit.

19 ROY ZIMMERMAN: Yes, we see it, we see it
20 on TV, they definitely have a flex.

21 CHUCK CASTO: So I suggested that they try
22 to get to a, you know, a lower floor, and I'll check
23 that out tomorrow,.

24 ROY ZIMMERMAN: That's a good idea.

25 CHUCK CASTO: then, go ahead.

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1 ROY ZIMMERMAN: We've been talking here

2 (b)(4)

3
4
5
6
7
8 CHUCK CASTO: Right.

9 ROY ZIMMERMAN: Unless they somehow got a
10 copy leaked to them or what they did, but is that getting
11 much play?

12 CHUCK CASTO: I'll have to see the
13 newspaper tomorrow, but I didn't see, there wasn't
14 anything in the paper today, in the Japan Times and I
15 haven't watched the newscast, so I don't know if there's
16 anything on there or not.

17 The, I don't know, do we have a, supposedly
18 the only copy of that presentation that we got, we have
19 here in the conference room and we took care of that
20 copy, so I don't know if you all have a copy of it or
21 not.

22 ROY ZIMMERMAN: No, all we have is this
23 newswire article from the Atomic Energy Society of
24 Japan.

25 CHUCK CASTO: Okay, yes, so the, so they

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1 actually had all three units in it, it had Unit 1, 2
2 and 3.

3 ROY ZIMMERMAN: Right, right. Okay.

4 CHUCK CASTO: (b)(5)

5 (b)(5)
6
7

8 ROY ZIMMERMAN: Tell you that (inaudible).

9 MALE PARTICIPANT: (b)(5)

10 (b)(5)
11
12

13 CHUCK CASTO: (b)(5)

14 (b)(5)
15
16
17
18
19
20

21 MALE PARTICIPANT: Okay, but just likely to get
22 some play depending on that newswire article from that
23 Japan Society putting out that information as well,
24 publicly, And there's nothing on the news here about
25 it, no one picked that up that we could see here in the

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1 states.

2 (b)(4),(b)(5)

7 CHUCK CASTO: No, I have not seen it.

8 ROY ZIMMERMAN: Do you want us to send it
9 to you?

10 CHUCK CASTO: (b)(5)

11 (b)(5) I don't, you know,
12 whatever the Reactor Safety Team reports to Steve
13 (phonetic) and I, you know, I'll go with whatever that
14 is.

15 ROY ZIMMERMAN: Okay.

16 CHUCK CASTO: I don't know that it really,
17 you know, all that stuff's kind of interesting,
18 theoretical, but I don't know that it really changes
19 anything that we're trying to accomplish.

20 ROY ZIMMERMAN: (b)(5)

21 (b)(5)

22 CHUCK CASTO: Right.

23 ROY ZIMMERMAN: So (inaudible).

24 CHUCK CASTO: (b)(5)

25 (b)(5)

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(b)(5)

ROY ZIMMERMAN: Okay. Other things you want to raise?

CHUCK CASTO: And I was going to raise that about the comparison of MELCOR and its draft and the only other issue I was going to mention was the comprehensive, the Interim Comprehensive Assessment that we did.

One of the reminders, and I talked to Marty today, one of the reminders, I keep losing, you know, sometimes you get so involved in the forest, you know, you forget to step back. But one of the reasons, the purposes of that document was to juxtaposition the consortium's picture of where the units stand against other assessments that have been made over the last month with more dire consequences.

If you know what I mean.

ROY ZIMMERMAN: Yes.

CHUCK CASTO: (b)(5)

(b)(5)

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(b)(5)

ROY ZIMMERMAN: Right.

CHUCK CASTO: And the purpose of that consortium assessment was so that the agency or others could take that comprehensive assessment downtown and provide it as a juxtaposition to those other voices.

ROY ZIMMERMAN: I understand.

CHUCK CASTO: And I don't know that in all of our discussions with the comprehensive assessment that somehow I think we lost that purpose.

It was, the other voices are qualitative voice and what we wanted to do was develop a qualitative and quantitative, with the MELCOR, qualitative and quantitative, as-is perspective and to use as a balance in other perspectives that are out there.

So I just wanted to remind him or refresh ourselves on, really, what the, besides making the assessment and understanding what we need to communicate to Pepco, there was another purpose for that document as well.

ROY ZIMMERMAN: Okay. Thanks for going over that.

CHUCK CASTO: You know, I had kind of forgotten it.

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1 ROY ZIMMERMAN: Okay. Anything else you
2 want to raise or things you would like us to try to assist
3 you with?

4 CHUCK CASTO: No, we're good, that's it.

5 ROY ZIMMERMAN: All right, you saw my
6 e-mail to the Chairman this morning?

7 CHUCK CASTO: Yes, I did.

8 ROY ZIMMERMAN: All right. He has not
9 e-mailed back and he has not called in. What I was trying
10 to do was save us from what you had to do yesterday,
11 which was go over all this stuff twice.

12 And try to set it up more where you can go
13 over it more one time, things that you wanted to talk
14 to us about, just us, we can cover and then issues that
15 would be for both the team here and for the chairman,
16 you know, we'd all get it at one time, try to get you
17 off the phone a little earlier.

18 That obviously didn't work today. Do you recall
19 how I ended the conversation with the Chairman
20 yesterday? I think I mentioned 10:00, which is when
21 we do the GA briefs? Is your memory that good on what
22 time I --

23 CHUCK CASTO: No, I didn't remember 10:00,
24 no.

25 ROY ZIMMERMAN: You didn't remember that?

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1 CHUCK CASTO: No.

2 ROY ZIMMERMAN: So basically regular time
3 where we could call him now, if you want.

4 CHUCK CASTO: Yes, I'm good with that.

5 ROY ZIMMERMAN: Does that work for you?

6 CHUCK CASTO: Works fine. I'm wide awake,
7 so it doesn't matter to me.

8 ROY ZIMMERMAN: All right, well we'll call
9 him now and then when he says, Zimmerman, you said you
10 were going to call at 10:00, if I hear you laughing,
11 then (inaudible) on me.

12 CHUCK CASTO: Okay, no problem. I got your
13 back.

14 ROY ZIMMERMAN: I appreciate that and vice
15 versa. Okay, we're here --

16 CHUCK CASTO: Just tell him that Casto said
17 he wanted to go to bed and he wanted to wake you up.

18 ROY ZIMMERMAN: There you go. All right,
19 give us a couple (inaudible). So what'd you have for
20 dinner tonight?

21 CHUCK CASTO: (b)(6)

22 (b)(6)

23 ROY ZIMMERMAN: (b)(6)

24 CHUCK CASTO: (b)(6)

25 ROY ZIMMERMAN: (b)(6)

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1 CHUCK CASTO: (b)(6)

2 (b)(6)

6 ROY ZIMMERMAN: (b)(5)

7 (b)(5)

We're not going to pass it

8 on to you.

9 CHUCK CASTO: Yes, I don't, yes, I don't
10 ask, I just, you know, (b)(5)

11 (b)(5)

12 ROY ZIMMERMAN: All right. All right, he
13 should be up shortly.

14 MALE PARTICIPANT: If he's not up already.

15 ROY ZIMMERMAN: So the Chairman's already
16 aware of (b)(5)

17 CHUCK CASTO: Yes.

18 ROY ZIMMERMAN: Wanted to make sure you
19 knew that the afternoon shift passed that on to him.
20 Probably with the appropriate caveat. You may want
21 to add the caveat yourself, but they at least made him
22 aware.

23 Anything new? We talked yesterday, not
24 that I was expecting you'd have nothing else to do but
25 run that down, but we had that conversation about the

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1 closed cooling system and Toshiba and Shaw and all of
2 that.

3 CHUCK CASTO: We throw that question out,
4 they haven't had another 11:00 meeting to answer it.

5 There were some other outstanding questions, for
6 instance, how many people were on site? TEPCO didn't
7 know and that question's still out there. And there
8 was one other open question.

9 ROY ZIMMERMAN: Yes, the last we heard was
10 like 500, 550, something like that. I guess, did you
11 tell me they were doing some rubble removal?

12 CHUCK CASTO: I had, there's three or four
13 open questions that you all asked me. I still have those
14 on the table. We just haven't had another 11:00 meeting
15 yet with TEPCO.

16 ROY ZIMMERMAN: Are they getting some lead
17 shielding around that's allowing them to get closer to
18 see some of the facility or their really, have very short
19 stay times?

20 CHUCK CASTO: Still very short stay times.
21 The water issue has greatly hampered any kind of access.

22 ROY ZIMMERMAN: Yes.

23 CHUCK CASTO: There are places around the
24 facility, some of those units, that they can get access
25 to, but then there are other places where there's just

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1 no stay time.

2 Oh, I know what it was. There was another
3 one, another issue that Marty asked about about 80
4 kilometer outlier sample point. You remember that?
5 He said there was an 80 kilometer sample towards Tokyo.

6 ROY ZIMMERMAN: Yes, this is the Cesium
7 survey from the Japanese, I believe, that showed Cesium,
8 85 percent of the tags.

9 CHUCK CASTO: Yes, that was incorrect.
10 They did not apply the topographical information to that
11 sample and they're going to correct it tomorrow.

12 ROY ZIMMERMAN: Okay. We need to put that
13 in our sit rep today because (b)(5)

14 (b)(5)

15 CHUCK CASTO: What I got from our PMP people
16 was, the topical correction factors were not applied
17 to that sample and when they are applied, that sample
18 is consistent with other samples in that area.

19 ROY ZIMMERMAN: Okay, we'll put that in the
20 sit rep today.

21 MALE PARTICIPANT: (inaudible) pretty
22 cool.

23 ROY ZIMMERMAN: That's probably worth
24 passing on with the Chairman, also.

25 CHUCK CASTO: Okay, he knew about that?

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1 ROY ZIMMERMAN: Yes. I'm pretty sure he
2 does. But (inaudible) put it in the sit rep
3 (inaudible), you know, (inaudible) really put in the
4 one page?

5 MALE PARTICIPANT: What is that? I'm
6 sorry. I'll verify (inaudible).

7 ROY ZIMMERMAN: Okay.

8 MALE PARTICIPANT: Well, we need to get it
9 in there. We need to get a copy --

10 MALE PARTICIPANT: I don't like the word
11 exaggerated. I would just say, that's not in the
12 (inaudible).

13 ROY ZIMMERMAN: Yes, yes.

14 MALE PARTICIPANT: (inaudible) into one
15 page.

16 ROY ZIMMERMAN: Chairman?

17 MALE PARTICIPANT: Not there yet. He's on
18 the way.

19 ROY ZIMMERMAN: Okay. I look to the
20 heavens when I hear these voices.

21 MALE PARTICIPANT: Chairman, you're on the
22 bridge.

23 GREGORY JACZKO: Good morning, everybody.

24 ROY ZIMMERMAN: Good morning, Chairman.
25 Did we get you at an okay time this morning?

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1 GREGORY JACZKO: Yes, fine.

2 ROY ZIMMERMAN: Okay, very good. Chuck is
3 on the line and prepared to give you a rundown.

4 GREGORY JACZKO: Great.

5 ROY ZIMMERMAN: Chuck, you want to lead
6 off? You want me to lead off this morning? Your choice.

7 CHUCK CASTO: Sure, I can walk through.
8 I have five quick issues, sir. Good morning. The rad
9 waste building pumping the discharge in the low-level
10 rad waste out of the rad waste building liquid has been
11 completed.

12 And they continue to, or have started to
13 seal that building in terms of sealant on the walls and
14 the floors to help it become watertight. And when they
15 finish the sealing, then they will pump high-level waste
16 into that building.

17 GREGORY JACZKO: Okay.

18 CHUCK CASTO: Today we had a --

19 GREGORY JACZKO: What they're pumping out
20 is going out, that's what they're discharging into the
21 ocean, then?

22 CHUCK CASTO: Yes, sir.

23 GREGORY JACZKO: Yes. Continue.

24 CHUCK CASTO: And then the low-level waste
25 out of that building and then they'll fill it up with

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1 high-level waste.

2 GREGORY JACZKO: Okay.

3 CHUCK CASTO: We had a moderate earthquake
4 today, but the issue about it was, no plant impacts.

5 It was a jolt rather than kind of a roller earthquake,
6 and we have new staff here and we had one person that
7 was somewhat disconcerted by the earthquake.

8 So we took them outside and then we went
9 to lunch. And they also, that person also has a hotel
10 room on the tenth floor and I suggested they, you know,
11 if they're okay with, you know, with earthquakes or
12 become okay, that they look at a lower elevations, a
13 lower floor for their hotel room.

14 And ultimately, if that becomes a problem,
15 we'll have to take different action.

16 GREGORY JACZKO: Okay.

17 CHUCK CASTO: We, and I believe you've been
18 briefed on (b)(4),(b)(5)

19 (b)(4),(b)(5)
20
21
22

23 (b)(4),(b)(5)
24
25

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1 actually, as I was talking with Roy, it really doesn't
2 change, you know, it's interesting, but it doesn't
3 really change what we're focused on and we have to, you
4 know, try to keep focused on, robust diversionary
5 (phonetic) done at (inaudible) system and flooding.

6 So all that information on the inside
7 doesn't really affect anything that we're trying to
8 accomplish.

9 GREGORY JACZKO: Yes.

10 CHUCK CASTO: And the good --

11 GREGORY JACZKO: Oh, I'm sorry. Go ahead.

12 CHUCK CASTO: No, go ahead, sir.

13 GREGORY JACZKO: No, I was just saying, and
14 again, from a (inaudible) perspective, it's not as if
15 we're seeing anything, again, if this happened, it
16 didn't happen yesterday, it, you know, happened a time
17 ago and.

18 CHUCK CASTO: And it's evaded the, if there
19 was CCI, which they believe, then it's been abated then,
20 so with water and is stable now. So, you know, it really
21 doesn't have any, it's an interesting theoretical issue,
22 but doesn't have any impact on what we're trying to
23 accomplish.

24 ROY ZIMMERMAN: If I can just jump in for
25 a minute? This is Roy, agreeing how (inaudible)

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1 everything (inaudible) saying, the other aspect for us
2 to keep in mind is that the Atomic Energy Society of
3 Japan has put something out on the wire.

4 Somehow they became aware of this or did
5 their own counsel, whatever, and had put on the wire
6 about the potential escorts, or basically indicating
7 that it did occur.

8 So we need to recognize the potential for
9 public affairs and others to get some inquiries coming
10 out of this if it gets some legs.

11 GREGORY JACZKO: Okay.

12 CHUCK CASTO: And I think, Roy, on that,
13 if it does, it will just say that, you know, there'll
14 be a lot of discussions and analysis and we'll continue
15 to gather information or something like that, I think
16 is fairly straightforward.

17 ROY ZIMMERMAN: (inaudible), like you both
18 said, is just the fact that it is cooled regardless of
19 its location.

20 MALE PARTICIPANT: Yes.

21 CHUCK CASTO: And finally, oh, no, second
22 to finally, sorry, the, we, as you were aware, we
23 completed an interim comprehensive assessment of the
24 current conditions. That's about a 130 page document
25 that has all of the assessments from the consortium and

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1 an executive summary that we completed.

2 And that's been passed back to headquarters
3 and basically, headquarters owns that document now.

4 GREGORY JACZKO: Okay.

5 ROY ZIMMERMAN: That used to be called the
6 global assessment and we no longer call it that.

7 CHUCK CASTO: It's not called an interim,
8 global confused it, the word global confused the
9 Japanese because they think on an international, so we
10 had to drop that word. But that assessment, one of the
11 things I needed to remind myself of was that the sort
12 of dual purpose of that assessment the first purpose
13 was to get insights and share those with TEPCO on where
14 we think they're headed and where they should be headed
15 and give whatever recommendations we could have out of
16 that.

17 The second, sub purpose of that assessment
18 was to provide a balance to other assessments that might
19 be out there, I think you're familiar with some other,
20 more dire, assessments and that's, a qualitative
21 assessment is still out there and dialogue on that other
22 qualitative assessment is still happening several times
23 a week.

24 So what we tried to do was come up with our
25 qualitative assessment an our quantitative assessment

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1 at MELCOR to provide sort of our juxtaposition of what
2 we think compared to that other assessment that's out
3 there, that someone could share, you know, the agency
4 could share with whomever to provide an agency -- well,
5 it's actually the consortium perspective on where we
6 think current conditions are.

7 GREGORY JACZKO: Okay. Are we (inaudible)
8 now?

9 CHUCK CASTO: I don't think so and that's
10 why I reminded myself that, you know, one of the things,
11 I just humbly suggest this, I guess, the, you know, that
12 when we finish that and put a bow around it, somebody
13 or someone from the agency could share that around
14 Department of State and the Department of Energy and
15 others to provide that balance from the other, more dire
16 assessments.

17 GREGORY JACZKO: Yes, I think what I don't
18 want us to get into the situation is where we've got,
19 you know, competing assessments floating around in the
20 world, so I would suggest that we share that earlier,
21 even while it's in kind of a draft form so that nobody
22 thinks we're hiding the ball on them on this and will
23 be more inclined, I think, as people buy into it if we
24 do that.

25 CHUCK CASTO: Yes, and originally we had

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1 intended, basically, to come up with the NRC, this
2 interim global assessment and then socialize it
3 interagency and I think that's what you're suggesting,
4 because socialize it among all the agencies and they
5 may add things to it, they may complement it, whatever,
6 but shop it to all the other agencies, yes, yes.

7 GREGORY JACZKO: And then make sure the
8 commission sees it, too, get it to the commission TAs.

9 CHUCK CASTO: Yes, sir.

10 GREGORY JACZKO: But again, let's just
11 remind everyone very carefully that this is not a public
12 document, it's not intended to be a public document at
13 this point, it's still a draft or a preliminary document.

14 CHUCK CASTO: Yes, and that's annotated as
15 such.

16 GREGORY JACZKO: Okay, good.

17 CHUCK CASTO: The final issue that I'll try
18 to clarify, I believe that you may be aware of a sample,
19 a Cesium sample at 80 kilometers towards Tokyo.

20 GREGORY JACZKO: Yes.

21 CHUCK CASTO: There were some questions
22 about that. What I am told, I was told today by RPMP
23 that that sample did not have the topographical
24 correction factors applied to it. When they applied
25 the topographical correction factors it was just like

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1 every other sample in that area.

2 GREGORY JACZKO: Okay, good.

3 CHUCK CASTO: So it was anomalous sample,
4 apparently.

5 GREGORY JACZKO: Okay, good.

6 CHUCK CASTO: Or, not anomalous, it was an
7 incorrect, well, just what I said, they didn't correct
8 it.

9 GREGORY JACZKO: Got it.

10 CHUCK CASTO: That's all for me, sir.

11 GREGORY JACZKO: Okay, great.

12 ROY ZIMMERMAN: Chairman, this is Roy.
13 The Secretary of State Clinton visit tomorrow, the
14 slides are having the finishing touches put on those
15 as final comments are put in, would you like them shared
16 with the commission?

17 GREGORY JACZKO: Sure.

18 ROY ZIMMERMAN: Okay, so when they're done,
19 we'll send those out today to yourself, to your staff
20 and to the Commission as well.

21 CHUCK CASTO: And Roy, this is Chuck,
22 you'll take care of sharing the interim comprehensive
23 report as well?

24 ROY ZIMMERMAN: Yes, it wasn't, I don't
25 think we covered it in our last topic is the lead for

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1 the interim comprehensive, what used to be global, now
2 the interim comprehensive assessment. That lead has
3 been transferred into headquarters.

4 The team did a great job in getting the
5 document, you know, 80, 90 percent of the way there.

6 Now it's being done in headquarters in NRR as the lead
7 for gathering comments and completing it, we'll share
8 the comments that came out of this phone call with them.

9 CHUCK CASTO: Yes, sir.

10 ROY ZIMMERMAN: And a brief, sir.

11 GREGORY JACZKO: Okay, good, and Roy, just
12 make sure we share that document early rather than later
13 with the American (inaudible).

14 ROY ZIMMERMAN: Right, and that's been the
15 plan. We've chatted about that and we're just trying
16 to take care of the NRC folks commenting first. We think
17 we got it set, then we're going to send it to the federal
18 family.

19 GREGORY JACZKO: Okay, good, perfect.

20 ROY ZIMMERMAN: Then we'll share it, you
21 know, with the Commission as well.

22 GREGORY JACZKO: Okay, good. Thanks,
23 everybody.

24 ROY ZIMMERMAN: Any questions for us,
25 Chairman?

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1 GREGORY JACZKO: No.

2 ROY ZIMMERMAN: Okay, same time tomorrow.

3 GREGORY JACZKO: Okay, good. Or if
4 there's a better time for you all, just let me know,
5 see if we can do a better time, too, if, I just saw your
6 e-mail, Roy, about the 10:00 works better, but it's
7 completely up to you and Chuck, but whatever your
8 schedules are.

9 ROY ZIMMERMAN: Chuck, are you good at this
10 time?

11 CHUCK CASTO: I'm good at this time, yes.

12 ROY ZIMMERMAN: Okay.

13 CHUCK CASTO: (inaudible)

14 ROY ZIMMERMAN: All right, so we'll do
15 something around, similar tomorrow if it works for you.

16 GREGORY JACZKO: Great. Thank you,
17 everybody.

18 ROY ZIMMERMAN: See you. Have a good day.

19 GREGORY JACZKO: Thank you.

20 CHUCK CASTO: Thank you.

21 ROY ZIMMERMAN: Are you still there, Chuck?

22 CHUCK CASTO: Yes, I am.

23 ROY ZIMMERMAN: All right, anything before
24 we let you get some shuteye?

25 CHUCK CASTO: No, I'm good. Hey, thanks

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1 for helping out and clarifying there. Appreciate it.

2 ROY ZIMMERMAN: All right, very good. You
3 have a good night and we'll (inaudible) should leave
4 you plenty of time for any final preps you need to do
5 tomorrow.

6 CHUCK CASTO: Okay and I'll look forward
7 to those comments and get those incorporated and give
8 those to the Ambassador in the morning before 11:00.

9 ROY ZIMMERMAN: first thing we're going to
10 do after we get off the phone.

11 CHUCK CASTO: Thank you, guys.

12 ROY ZIMMERMAN: All right. Bye, now.

13 CHUCK CASTO: Appreciate it. Talk soon.
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(CONFERENCE CALL INITIATED)

(0(DZ)MM613765094)

MARTIN VIRGILIO: Good morning, Roy .

ROY ZIMMERMAN: Hey, Marty.

MARTIN VIRGILIO: How are you this morning?

ROY ZIMMERMAN: Doing well. How are you?

MARTIN VIRGILIO: Good, thank you. The
reason I, pardon me?

ROY ZIMMERMAN: I was just going to say,
we had a good (inaudible) with Chuck and the Chairman
half an hour or so ago.

MARTIN VIRGILIO: Oh, good, I had talked
to Chuck earlier this morning maybe around -- we talked
about current status and when we might receive some
transmission to a new state and he was somewhat
optimistic that by the end of May we could see a reliable
source of water and that see that one containment flooded
up.

ROY ZIMMERMAN: Okay, very good. He has
also asked the question of TEPCO, where they stand with
building, having built for them the additional RHR
system, you know, closed loop system, he hasn't gotten

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1 an answer of their timeframes, yet, but he's asked them
2 the question.

3 MARTIN VIRGILIO: That's good, you know,
4 that's the longer-term effort and I know we've seen
5 (inaudible) from Shaw and other contractors to do that
6 for them.

7 ROY ZIMMERMAN: Right. That's the only
8 way (inaudible) going to get out of this waste management
9 issue.

10 MARTIN VIRGILIO: Yes, to get a closed loop
11 cooling system going, absolutely.

12 ROY ZIMMERMAN: Okay, your nickel.

13 MARTIN VIRGILIO: The reason I called was,
14 I saw an e-mail that's from Mike Johnson (phonetic).
15 It was sometime between maybe 3:00 and 4:00 this morning
16 requesting or discussing some information that
17 Congressman Markey's (phonetic) office wanted and I
18 just couldn't place what they were looking for. They
19 were asking for some analysis.

20 ROY ZIMMERMAN: They want the G.E., Hitachi
21 analysis after we received it yesterday. Of the Unit
22 2 core and whether it's in vessel or ex vessel.

23 MARTIN VIRGILIO: Ah, okay, okay.

24 ROY ZIMMERMAN: They asked for that. So
25 we're working through OCA during the weekdays to get

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1 an answer from them on, you know, what we're sending
2 and recognizing it as labeled by G.E., Hitachi, it's
3 confidential and has a fully a, exemption number to it
4 all and try to make sure that we have confidence it's
5 going to be properly controlled by the Congressman's
6 office if it needs to be, meets this criteria.

7 Because, you know, we don't want to get
8 between G.E., who put the qualifier on the document and
9 how it ought to be shared and used and attributed with
10 the Congressman. (inaudible) help us and the
11 (inaudible) people help us with it so we can make sure
12 that we don't set the Congressman's office up.

13 MARTIN VIRGILIO: What is the bottom line
14 conclusion of that analysis?

15 ROY ZIMMERMAN: I haven't read it yet this
16 morning, (b)(4),(b)(5)

17 (b)(4),(b)(5)

18 MARTIN VIRGILIO: Wow.

19 ROY ZIMMERMAN: Chuck probably shared with
20 you the other pieces of this, that, you know, that NISA
21 has done their analysis and he told you what those
22 results were, right?

23 MARTIN VIRGILIO: Yes, I was in the ops
24 center last night when we got that information, so.

25 ROY ZIMMERMAN: And you're probably also

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1 aware that this Atomic Energy Society of Japan has
2 released the information publicly?

3 MARTIN VIRGILIO: No, I was not aware of
4 that. What did they release, is it the NISA
5 information?

6 ROY ZIMMERMAN: Yes, it's a newsier that
7 has the write-up on it. See if I can pull it up here.
8 Mike sent it over. You're in distribution for Mike's
9 e-mail. It came in Friday at 5:53. Japan (inaudible)
10 fuel melted partway through reactor's report.

11 Nuclear fuel is melted in 3 reactors has
12 fallen to the lower sections of their container vessel.
13 It's hard to tell if that means the (inaudible) vessel
14 or the primary containment.

15 MARTIN VIRGILIO: Interesting. So we've
16 got reports that say the vessel is still intact and other
17 reports that say it's not?

18 ROY ZIMMERMAN: (b)(5)

19 (b)(5)

20
21 MARTIN VIRGILIO: Okay.

22 ROY ZIMMERMAN: (b)(5)

23 (b)(5)

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(b)(5)

You know, the chairman is aware of everything we're talking about. We talked about it a little bit in terms of, you know, we just don't know and really, what we're focused on is making sure that the fuel is covered.

MARTIN VIRGILIO: Right.

ROY ZIMMERMAN: And because of the way, so the watering is entering into the containment building, whether it's in the vessel or not in the vessel, we have confidence that the fuel is covered and that's what, you know, is important here.

MARTIN VIRGILIO: Right. I mean, I guess that the bottom line, just to take that one step further is, the strategy that we're recommending in terms of flooding up are the right strategies.

ROY ZIMMERMAN: Exactly. And the issue is that it he unit there's the belief that the units have flooded up to some degree, maybe not as high as we would like, but have flooded up, even if unintentionally, just because of leakage paths that exist in the drywell.

MARTIN VIRGILIO: From what I got from my conversations with Chuck this morning, I think he feels pretty comfortable flood core Unit 1, I think he's not comfortable that they're flooded up as high as he would

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1 like them to be. Is that your take on this, too?

2 ROY ZIMMERMAN: He did not cover that. I
3 mean, he seemed to align with the comments that were
4 being made that, you know, the fuel is covered, whether
5 it's in the vessel or on the floor, but that doesn't
6 take away from the desire that still exists that the
7 lowest point of area be covered from the outside and
8 desire to see that get done.

9 So I don't think anything has changed about
10 that. It could be a better picture with a higher
11 flood-up, but there's not a concern at the moment that
12 the fuel is uncovered, wherever it's located.

13 MARTIN VIRGILIO: Good, that's the good
14 news.

15 ROY ZIMMERMAN: Right.

16 MARTIN VIRGILIO: And the other thing that
17 he was talking to me about this morning was the movement
18 of the fire trucks up above the tsunami flood line so
19 that provides an additional level of protection should
20 they have a need.

21 When I talked to Chuck this morning, he was
22 saying that, you know, there's a high degree of certainty
23 that they're going to have, you know, at least 10 more
24 earthquakes over the next year that could be in the 7
25 to 8 range.

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1 ROY ZIMMERMAN: Right. And they had a
2 small one yesterday. I shouldn't say small, probably
3 something in the 4, 5, 6 range.

4 MARTIN VIRGILIO: Okay.

5 ROY ZIMMERMAN: Did he tell you about that?

6 MARTIN VIRGILIO: No, he did not.

7 ROY ZIMMERMAN: It sounds like the timing
8 of the call, might be that he got more information, but
9 some of the things I can pass on to you quickly, that
10 got passed on to the Chairman you may not be aware of,
11 one of them was the earthquake yesterday that felt
12 different than the prior ones that are more rolling and
13 rumbling.

14 This one was a jolt, it just kind of hit.

15 MARTIN VIRGILIO: Wow.

16 ROY ZIMMERMAN: But I've been through both
17 kinds so, you know, I know the feeling that he's
18 describing. Apparently, one of the new site people
19 didn't react real well to it and they had to, you know,
20 get him outside and him or her, get that person outdoors
21 and, you know, give a chance to recover from it.

22 And this person is located on the tenth
23 floor of the hotel, Chuck was going to try to get him,
24 get the person moved down to the fourth floor so that
25 it would be closer to the ground, it won't feel the swing

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1 so much as you would in a higher-up hotel like this.

2 And then they'll wait and see and if the
3 person can handle the earthquakes, then that will be
4 great. And if the person can't, then we'll have to take
5 that into consideration, see what we're going to do.

6 MARTIN VIRGILIO: Okay, I got it.

7 ROY ZIMMERMAN: Other things that he
8 covered, if I can steal the ball for a minute?

9 MARTIN VIRGILIO: Yes, yes.

10 ROY ZIMMERMAN: And just stop me if he
11 covered these items with you. They pumped out the rad
12 waste building, the rad waste building is a common
13 building for the site. And it's empty now and they
14 pumped it to the ocean, it had low contaminated water
15 in it. And since you haven't stopped me, I'll keep
16 going.

17 The reason why they did it is, they're going
18 to seal the entire building, you know, rad waste building
19 normally has a few tanks in it, you know, as you're well
20 aware, to hold this liquid. They're going to turn the
21 entire building into a, they're going to seal it and
22 use it for high contaminated water.

23 And they're going to store highly
24 contaminated water in it. They had a, it's all about
25 water management until they get this other system built,

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1 they have a 27,000 ton barge coming up to them in mid-May
2 and then if you have a pencil, they have, by mid-May
3 they will have 60.4 thousand tons of storage on site.

4 And they expect that they have 50,000 tons
5 of highly contaminated water by that time.

6 MARTIN VIRGILIO: That gives them a little
7 bit of margin.

8 ROY ZIMMERMAN: Right. Also indicated
9 that the Cesium readings a little closer to Tokyo was
10 in error.

11 MARTIN VIRGILIO: It had to have been.
12 God, I just couldn't figure out what was going on there.

13 ROY ZIMMERMAN: Yes, so it was in error.
14 All this stuff will be in the sit rep in one-pager.

15 MARTIN VIRGILIO: Okay, and that's our
16 error, too, because that was our oversight.

17 ROY ZIMMERMAN: I had heard it was Japan's,
18 but again, not all the information is accurate that we
19 hear.

20 MARTIN VIRGILIO: It was out of a DoE sit
21 rep and it was portrayed in that DoE kit (phonetic) --

22 ROY ZIMMERMAN: You're right.

23 MARTIN VIRGILIO: -- as our AMS data.

24 ROY ZIMMERMAN: You're correct. You're
25 correct.

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1 MARTIN VIRGILIO: Okay, well that really
2 relieves me of, you know, it was a piece of the puzzle
3 I couldn't quite figure out.

4 ROY ZIMMERMAN: Yes, I mean, it was a
5 troubling piece, particularly with folks coming back
6 into the Tokyo area.

7 MARTIN VIRGILIO: Yes.

8 ROY ZIMMERMAN: So those are some of the
9 primary things. What I'm working on right now and I
10 think I had you on distribution was trying to finish
11 the slides. It doesn't look like a couple of the
12 comments were well explained to him, so I just emailed
13 him the slides again.

14 (inaudible) he may or may not get to it now.
15 He's on about 4:00 on Sunday, the (inaudible) time.

16 MARTIN VIRGILIO: Okay.

17 ROY ZIMMERMAN: So what we wanted to do was
18 get him these last couple of changes that AOR (phonetic)
19 had and then the Chairman agreed with sharing this with
20 the Commissioners. We didn't get into, you know,
21 waiting on their approval.

22 I'm not going to go there because there's
23 not enough time, anyway, but basically, you're
24 (inaudible) slides, facilitate a (inaudible) that we
25 can see, a few things to clear up and once we have the

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1 final slides, we'll send them, obviously to the 17th
2 and 18th floor.

3 MARTIN VIRGILIO: That's great.

4 ROY ZIMMERMAN: (inaudible) if you need it.

5 MARTIN VIRGILIO: So you're going to try
6 to finish that up today?

7 ROY ZIMMERMAN: Yes, we're basically going
8 to be out of time. I hope it gets done on my shift.

9 It all depends on whether Chuck does it now or first
10 thing in the morning when he wakes up. If he does it
11 in the morning then it'll happen on mid-shift.

12 MARTIN VIRGILIO: Yes, that'd be fine.
13 And when is she going to come, again?

14 ROY ZIMMERMAN: Four, 4:00 their time, but
15 he said that's fluid. They're scouting, you know, as
16 is always done, scouting folks in front of her are there
17 now, they're going over logistics on how things are going
18 to work.

19 You know, when the Ambassador is going to
20 meet with hr, when Chuck's going to meet with her and
21 all. And Chuck will be on call after 3:30.

22 MARTIN VIRGILIO: Okay.

23 ROY ZIMMERMAN: So (inaudible) talk in 18
24 hours from now, something like that.

25 MARTIN VIRGILIO: Okay.

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1 ROY ZIMMERMAN: So those are the main
2 points that we had gone over. The Chairman stressed
3 that the work that is being done on the comprehensive
4 assessment that Chuck started and we took over here in
5 headquarters, the NRR has the lead on?

6 MARTIN VIRGILIO: Yes.

7 ROY ZIMMERMAN: That as soon as we think
8 we've got a decent 80/20 product that we look at sharing
9 it with our federal partners and, you know, think through
10 who all ought to see this so that, you know, we don't
11 create a bit of a rub that we pulled this thing out of
12 a hat at the last minute.

13 MARTIN VIRGILIO: Good. But a lot of it
14 is going to be a closure to bits and pieces they've
15 already seen, which is good.

16
17 ROY ZIMMERMAN: Right. He just wants to
18 maintain good rapport with all these folks and not come
19 up with surprises to them in any way.

20 MARTIN VIRGILIO: Oh, sure.

21 ROY ZIMMERMAN: So yes, we (inaudible) we'd
22 say we're working to ensure that happens.

23 MARTIN VIRGILIO: now what I had promised
24 the Chairman was to sit down to discuss the other piece
25 of this, which actually fits into the comprehensive

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1 assessment, which is the consolidated assessment,

2 (b)(5)

3
4 ROY ZIMMERMAN: It's the composite?

5 MARTIN VIRGILIO: Composite, yes.

6 ROY ZIMMERMAN: Okay.

7 MARTIN VIRGILIO: How is that going?

8 ROY ZIMMERMAN: Trying to think of the last
9 thing that I heard on that. I e-mailed Trish Milligan
10 was the lead on it, the (inaudible) lead so who all she
11 sent it to, the initial thinking is, they didn't give
12 it to too many people.

13 We want to give it a good shake here
14 internally before we send that to the federal family,
15 so we're trying to make sure we've got everybody
16 appropriately covered (inaudible). I think right now
17 it's gone through a couple of folks, but perhaps yourself
18 and the PMP.

19 MARTIN VIRGILIO: Well before we, Roy, on
20 that one, before we go out through a broad review by
21 our federal partners, I wanted to make sure the Chairman
22 was comfortable with where we are.

23 (b)(5)

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(b)(5)

ROY ZIMMERMAN: Again, I'm making a note.

MARTIN VIRGILIO: So the next step for that document was for me to sit down with the Chairman and we were going to try to do that Monday morning.

ROY ZIMMERMAN: Okay, then that'll be the game plan is giving it a good shakedown here at the NRC and when that's done, back to the chairman and then when he's satisfied, out to the federal family.

MARTIN VIRGILIO: Right. (b)(5)

(b)(5)

You know, (b)(5)

(b)(5)

ROY ZIMMERMAN: Yes, I understand. (b)(5)

(b)(5)

MARTIN VIRGILIO: Oh, absolutely. (b)(5)

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1 (b)(5)

2 (b)(5)

3 ROY

4 ZIMMERMAN: Yes, agreed.

5 MARTIN VIRGILIO: So I've got a meeting
6 with him at 10:00 on Monday morning.

7 ROY ZIMMERMAN: Okay, and again, you know,
8 the, (b)(5)

9 (b)(5)

10
11
12 MARTIN VIRGILIO: Now that's the piece I
13 haven't seen yet. That was the Fred brown (phonetic)
14 edition, right?

15 ROY ZIMMERMAN: That's correct.

16 MARTIN VIRGILIO: Well then, could you
17 summarize what Fred had, what they're suggesting in
18 terms of the right reactor conditions?

19 ROY ZIMMERMAN: Yes, let me get, pull it
20 up here quickly because it's different than the
21 stability document criteria so I want to make sure I
22 get it straight. And I've got it here.

23 (b)(5)

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1 (b)(5)
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11 MARTIN VIRGILIO: Okay.

12 ROY ZIMMERMAN: (b)(5)
13

14 (b)(5)
15
16

17 MARTIN VIRGILIO: Okay.

18 ROY ZIMMERMAN: (b)(5)
19

20 (b)(5)
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22
23
24

25 I think there's some others here. Trying

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1 to see if I can see anything additional.

(b)(5)

2 (b)(5)

13 (b)(5)

16 (b)(5)

I think other federal agencies that
come into play when it come to those area more than us.

18 We'll be more focused on the reactor help
19 assets. That give you a sense?

20 MARTIN VIRGILIO: Yes, yes, that's really
21 helpful. Yes, listening to that, I can, you know,
22 putting that together with what Chuck had told me this
23 morning, that's probably a May timeframe.

24 ROY ZIMMERMAN: Yes, at least. Yes, I
25 think that's reasonable.

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1 MARTIN VIRGILIO: Yes. That's good.
2 That's real good.

3 ROY ZIMMERMAN: Yes, so some positive
4 developments this morning.

5 MARTIN VIRGILIO: Yes, it sounds like
6 you're making great progress. Thank you.

7 ROY ZIMMERMAN: Time for you to relax a
8 little bit and enjoy your weekend. I hope that the rain
9 doesn't dampen the plans too much.

10 MARTIN VIRGILIO: No, I've got some work
11 to do, but I think I can pull that off. But I'll probably
12 stop by the ops center late tomorrow afternoon. Just
13 check in and see how things are going. And I also have,
14 Elmo (phonetic) and I have a plan to catch up sometime
15 this weekend by phone to see how things are going as
16 reentry and any insights he can share.

17 So I think we've got all that under control.
18 And I think the next, a couple of things that we need
19 to do early next week is make some decisions around
20 Chuck's replacement. Margie (phonetic) and Eric and
21 Mike and I sat down late Friday afternoon and talked
22 through some things.

23 A lot depends on where the Chairman's head
24 is at with respect to at what point we start making a
25 transition for that. A large team on site to a smaller

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1 team on site and flying people back and forth as needed.

2 ROY ZIMMERMAN: Right. And I think, you
3 know, as far as some other aspects or (inaudible)
4 dialogue and all, that Mike Johnson and I chatted a
5 little bit and I think he's going to see if there's a
6 time next week at some point to be able to chat as a
7 group a little bit.

8 (inaudible) will be off shift until next
9 weekend. I think he wants to interact a little bit with
10 you all. Something in terms of whether there are
11 certain times a day where there's so little going on
12 that we can almost be in a on call status.

13 MARTIN VIRGILIO: Sure.

14 ROY ZIMMERMAN: Where a number of people
15 are close by in case something's occurring, you know,
16 for example, there's, you know, the calls are pretty
17 much done for today, we don't expect anything else to
18 occur, they're sleeping now and we don't expect much
19 else to occur.

20 So I think he's looking at, you know,
21 possible windows where, you know, we can pace ourselves
22 perhaps a little bit more with regard to coverage and
23 when would be a time when we might be willing to cut
24 back when we know things are slow.

25 Or if something occurs, we know, the people

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1 are already pre-identified that are the ones that are
2 coming in to you within half an hour if something were
3 to occur.

4 MARTIN VIRGILIO: That's a great --

5 ROY ZIMMERMAN: (inaudible) I'm aware of.

6 But, you know, overall it's been a, for me I think it
7 was a good discussion yesterday to get a feel, I got
8 to get over and talk to Bruce (phonetic) a little bit
9 and, you know, he gave me feedback on that, but I think
10 it was good because you have a little bit of sense of
11 some things.

12 We're making sure that we're well-prepared
13 for the Reactor Safety Team brief this morning so we
14 don't have a repeat of yesterday.

15 MARTIN VIRGILIO: Ah, good.

16 ROY ZIMMERMAN: So we're good. You learn
17 as you go. The other thing that Mike was going to mention
18 if he hasn't mentioned already was, in the longer term,
19 longer term meaning a few weeks from now, which is really
20 on long term, but something in that timeframe, whether
21 we're set up correctly in the ET with having folks like
22 that in here as opposed to having people that maybe have
23 served as RST directors and that are more acclimated
24 to these phone calls that take place on a daily basis
25 or things like, how we get back to getting the pressure

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1 and temperatures.

2 You know, and I think we're still working
3 on that. But maybe it's appropriate to bump it down,
4 still (inaudible), but bumping it down to a level of
5 folks that work in those teams as compared to those of
6 us that are, you know, been in the ET room.

7 If things are, idea's been approved in
8 (inaudible), but are worth talking about.

9 MARTIN VIRGILIO: I think that's great.

10 ROY ZIMMERMAN: (inaudible) the public is
11 brought that this idea that I'm a little bit off the
12 top of my head to you yesterday.

13 MARTIN VIRGILIO: Great, I look forward to
14 that because I can see his point where we could make
15 that transition.

16 ROY ZIMMERMAN: Yes, yes.

17 MARTIN VIRGILIO: I like the idea of having
18 people on call and (inaudible) flow and maybe a
19 transition to those times when we've even got a lot of
20 activity to the commission director level, I like the
21 notion of RST or PSP (phonetic) leads. I think that
22 makes a lot of sense.

23 ROY ZIMMERMAN: Yes, and we were thinking
24 this morning as we were kibitzing that in hindsight,
25 probably what we neglected to do as well as we had to

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1 was, when we went to such a large transition to such
2 a small group, we should have thought through knowledge
3 management and knowledge transfer issues and focused
4 on that type of thing specifically, which we didn't do.

5 MARTIN VIRGILIO: Yes.

6 ROY ZIMMERMAN: And that would answer these
7 questions about these phone calls and about some things
8 that the teams do that now is sort of a (inaudible) to
9 people coming in, you know, are well-versed in that and
10 that's not necessarily the case.

11 So we may have lost the knowledge of how
12 we did things for a few weeks when the ET wasn't involved,
13 even if we are the continuity, you know, and Mike said
14 it well, the continuity we maintain is in the ET.

15 And what we probably needed to maintain was
16 in the team.

17 MARTIN VIRGILIO: Yes, yes, I can
18 understand.

19 ROY ZIMMERMAN: So again, different points
20 of view, but it's healthy to look at it and see how we
21 improve going forward and lessons learned through that.

22 Don't let me take up more of the time than I already
23 have.

24 (inaudible) enjoy your day today and take
25 care around your well being.

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1 MARTIN VIRGILIO: Taking care of business
2 today and I'll be back tomorrow. So thank you very much,
3 Roy.

4 ROY ZIMMERMAN: You have a great day,
5 Marty.

6 MARTIN VIRGILIO: All right. Don't
7 hesitate to call us if you want to bounce anything off
8 of me.

ROY ZIMMERMAN: You bet.

9 MARTIN VIRGILIO: All righty. Bye, now.

10 ROY ZIMMERMAN: Okay.

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(CONFERENCE CALL INITIATED)

(0(E-#!L13765094)

GREG CASTO: Bill?

BILL MAGWOOD: Yes.

GREG CASTO: Hi.

BILL MAGWOOD: Hi, Greg (phonetic)?

GREG CASTO: Yes.

MALE PARTICIPANT: Zachery (phonetic),
Greg and George (inaudible)here.

GREG CASTO: Okay, sir, I'll go ahead and
do a roster playback so we'll know everybody's there.
Is that okay?

BILL MAGWOOD: Yes.

GREG CASTO: Okay, here we go.

OPERATOR: There are currently eight
participants in your conference. The following people

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1 are in the conference.

2 ANNETTE VIETTI-COOK: This is Annette
3 Vietti-Cook Office of the Secretary.

4 STEVE BARNES: Steve Barnes (phonetic),
5 OJC.

6 COMMISSIONER APOSTOLAKIS: Commissioner
7 Apostolakis, NRC.

8 GREG CASTO: Greg Casto.

9 COMMISSIONER OSTENDORFF: Commissioner
10 Ostendorff.

11 BILL MAGWOOD: Bill Magwood with the NRC.

12 OPERATOR: Roster playback is complete.

13 GREG CASTO: Were we able to get a hold of
14 Christy (phonetic) (inaudible).

15 FEMALE PARTICIPANT: I tried every way I
16 could and the ops center tried as well and I wasn't able
17 to reach her.

18 GREG CASTO: Okay, well all right, and this
19 is, and folks, sorry to bug you on a Saturday, but I
20 just wanted to pass on some information. It's nothing
21 really earth shattering by any means, (b)(4)

22 (b)(4)

23
24
25 And again, this is just preliminary, very

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1 preliminary information and Bruce (phonetic) is on the
2 line, got it to me late last night. (b)(4)

3 (b)(4)

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6 (b)(4)

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11 (b)(4)

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19 It just would start to be some of the
20 preliminary analysis that people are starting to look
21 at to see what's really going on. That was really the
22 main thing. I don't know if anybody has any questions.

23 But again, I want to stress at this point,
24 it's very preliminary and very inner-facing with our
25 folks and others as well. All the industry (inaudible)

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1 as well are trying to come to some consensus on what
2 these analyses may show.

3 BILL MAGWOOD: Greg, this is Bill, just a
4 couple of things. First, I just want to let you know,

5 (b)(5)
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10 Just sort of mentioned it in passing as
11 they, you know, were going through it. And this is all
12 just based on models, correct? Not on anything that's
13 been observed?

14 GREG CASTO: (b)(5)

15 (b)(5)
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19 (b)(5)
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23 BILL MAGWOOD: (b)(5)

24 (b)(5)

25 GREG CASTO: I think, I didn't get that from

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1 Chuck.

(b)(5)

2 (b)(5)

14 (b)(5)

16 BILL MAGWOOD: Right.

17 GREG CASTO: But there's been a lot of
18 technical back and forth on the issue of whether or not
19 they

(b)(5)

20 (b)(5)

24 (b)(5)

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11 BILL MAGWOOD: Right, thank you.

12 GREG CASTO: George, do you have anything?

13 COMMISSIONER APOSTOLAKIS: No, I do not.

14 GREG CASTO: Bill (inaudible)?

15 BILL MAGWOOD: Greg, I don't, but I
16 appreciate the call.

17 GREG CASTO: Sure. And again, this line
18 is open, I don't think there's, as Bill would say, you
19 know, it's the kind of thing that, these things seem
20 to be bubbling out more into the press now, so I wanted
21 you all to know.

22 But we didn't want to put it in writing to
23 honor their request. And but I just wanted to let you
24 know in case it popped up. But again, what I heard from
25 the team, this doesn't fundamentally change anything

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1 that we're doing, it's just new information that may
2 be out there.

3 ROY ZIMMERMAN: Chairman, this is Roy
4 Zimmerman. Scott Moore (phonetic) is here with me,
5 we're just in the process of doing a turnover. If I
6 might just add something?

7 GREG CASTO: Sure, please.

8 ROY ZIMMERMAN: (b)(4),(b)(5)

9 (b)(4),(b)(5)

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21 (b)(4),(b)(5)

22 GREG CASTO: Okay. Thank you. Anything
23 else from anybody?

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(CONFERENCE CALL INITIATED)

(0 (E-4KNL13765094)

MALE PARTICIPANT: Okay.

GREG CASTO: Well that was all. Again, it
wasn't anything emergency, I just wanted everyone to
know in case it does bubble up.

MALE PARTICIPANT: Thanks.

GREG CASTO: Okay.

MALE PARTICIPANT: All right.

MALE PARTICIPANT: Thank you.

MALE PARTICIPANT: Thanks.

GREG CASTO: Bye.

MALE PARTICIPANT: Bye.

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(CONFERENCE CALL INITIATED)

(0 (ER446_005650940

STEVE REYNOLDS: Steve Reynolds

(phonetic).

SCOTT MOORE: Hey, Steve, it's Scott Moore.

STEVE REYNOLDS: Hey, Scott, how you doing?

SCOTT MOORE: Good, thanks, how are you
doing?

STEVE REYNOLDS: All right.

SCOTT MOORE: Are you adjusted to the time
already?

STEVE REYNOLDS: Yes, I did pretty well.
I've been, I guess the best way, even though it's hard,
is not to sleep the first 36 hours.

SCOTT MOORE: Yes. That's good, but it's
rough. Hey, I'm calling you out of the ET room, so all
this is being recorded, so --

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1 STEVE REYNOLDS: Of course.

2 SCOTT MOORE: I got the slides and I looked
3 through them. I just wanted to make sure that before
4 we went forward with them that we had everything right.

5 I had an earlier version of them and I didn't see any
6 changes between what you forwarded me back and the
7 version that was handed to me at my shift change.

8 And I know Chuck had received some comments
9 on them and I wanted to make sure, or like I had seen
10 a set of comments from Dyer (phonetic), I think, and
11 I think he may have received other comments, I'm not
12 sure.

13 So I wanted to make sure that I have the
14 right version.

15 STEVE REYNOLDS: Well, what I sent you is
16 the version that we used to brief Hosana (phonetic) and
17 Nei (phonetic) yesterday from NISA.

18 SCOTT MOORE: Okay.

19 STEVE REYNOLDS: And it's the version
20 where, you know, this is the latest version. This is
21 what, you know, based on input we got from Dyer and
22 Wiggins, this is the changes that Chuck made or we
23 decided to go with what we had and this is what, you
24 know, this is what we used Friday night with the
25 Ambassador and with Hosana and then yesterday when we

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1 met with Nei in a private meeting.

2 SCOTT MOORE: Okay. Hosana and Nei are
3 who?

4 STEVE REYNOLDS: Hosana is a (inaudible)
5 member or who's been charged by the Prime Minister to
6 lead this effort.

7 SCOTT MOORE: Okay.

8 STEVE REYNOLDS: And Nei is, she is the
9 person from NISA who's in charge of the response. She's
10 a Deputy Director General, but he's the NISA, you know,
11 top guy that we are interacting with on a daily basis.
12 And it's N-E-I, but Nei.

13 SCOTT MOORE: Okay, so my understanding was
14 that you all were going to brief Secretary Clinton's
15 aides today?

16 STEVE REYNOLDS: Well, I don't know if
17 we're even going to get that chance. This is ready in
18 case that happens. The latest I have is, she's coming
19 in here into the Embassy, for about 20 minutes, to talk
20 to the Embassy staff and their dependents.

21 And then she might recognize us, you know,
22 for being here, but the latest is, no briefing, but we
23 wanted to be ready with the slides. But the latest is
24 no briefing that I'm aware of and nothing from Chuck.

25 SCOTT MOORE: Okay. Well, I've been told

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1 to circulate the slides to the Commissioners and I think
2 that's via the TAs so I wanted to make sure that I
3 characterized them correctly.

4 So if they're not going to be used to brief
5 the Secretary's aides, how would you suggest I
6 characterize them? Attach to the slides were used to
7 brief NISA and the Japanese legislature?

8 STEVE REYNOLDS: Yes, well this guy has
9 been picked by the Prime Minister Kan to lead the effort
10 from, you know, he works directly for Kan.

11 SCOTT MOORE: Okay.

12 STEVE REYNOLDS: He is in the legislature,
13 but, Corsano (phonetic), the Chairman knows of him, I
14 guess.

15 SCOTT MOORE: Right.

16 STEVE REYNOLDS: So, I really, you know,
17 the latest that we had Friday when talking to the
18 political staff in the Embassy is, I don't think we're
19 going to get any time and Chuck talked to the Ambassador
20 yesterday about plant status and again this morning and
21 there's been no word on, you know, us getting any face
22 time whatsoever.

23 SCOTT MOORE: Yes, okay, that's fine. My
24 understanding had been that he was going to brief the
25 aide with the slides and then just met with her. But

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1 that's fine. It is what it is.

2 STEVE REYNOLDS: Yes. I'm not aware that,
3 you know, Chuck's got anything set up to meet with the
4 aides. Now, you know, where they're going to be and
5 where we're going to be, I mean, you know, we're right
6 down the hall.

7 Could they pop in and ask? Sure. Because
8 we're right next to the auditorium, practically.

9 SCOTT MOORE: Okay.

10 STEVE REYNOLDS: But nothing that I'm aware
11 of unless it's happening while you and I are talking.
12 When I talked to Chuck a little while ago, you know,
13 nothing's set up that we're aware of.

14 SCOTT MOORE: Okay, that's fine. I just
15 wanted to make sure I characterize the slides correctly.
16 Okay.

17 STEVE REYNOLDS: Oh, absolutely.

18 SCOTT MOORE: Okay, so they were used to
19 brief NISA and the Japanese government's
20 representative?

21 STEVE REYNOLDS: Right, right, yes, the guy
22 who reports to Prime Minister Kan, Hosana.
23 H-O-S-A-N-O, I believe, how you say it.

24 SCOTT MOORE: Okay, that helps.

25 STEVE REYNOLDS: All right, Scott.

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1 SCOTT MOORE: Okay, and anything you need
2 from us?

3 STEVE REYNOLDS: No, so far, so good. The
4 RXT and the PNP (phonetic) has been very helpful, so
5 we appreciate it.

6 SCOTT MOORE: Okay. Glenn Tracy is the ET
7 Director. He's coming on in, let's see, a couple of,
8 well, about an hour, hour and fifteen minutes our time.
9 And he'll be on for the next eight hours or so.

10 And then Roy will be back after Glenn.
11 Okay?

12 STEVE REYNOLDS: All right. Sounds good,
13 Scott.

14 SCOTT MOORE: Okay. Have a good day.

15 STEVE REYNOLDS: You, too. Or a good
16 night, I guess, for you guys.

17 SCOTT MOORE: Okay, take care.

18 STEVE REYNOLDS: All right.

19 SCOTT MOORE: Bye.

20 STEVE REYNOLDS: Bye.
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(CONFERENCE CALL INITIATED)

(0(EU07\$ _137650940)

MALE PARTICIPANT: This is Headquarters
Operations Officer Steve Reynolds from the Japan Team
and I'm going to put him up on the ET phone. Go ahead,
sir.

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7 (CONFERENCE CALL INITIATED)

8 (0 (EUPA) L13765094)

9 MALE PARTICIPANT: (inaudible)

10 SCOTT MOORE: Now we can hear you.

11 GLENN TRACY: Thank you. It's Glenn Tracy
12 and Scott Moore as we complete the turnover.

13 STEVE REYNOLDS: Oh, good, well I'm glad
14 I caught Scott, I called him to apologize.

15 SCOTT MOORE: It's not a problem.

16 STEVE REYNOLDS: Yes, I didn't know Chuck
17 had sped all that stuff up and when I finally got a hold
18 of him, I told him and then he sent you the e-mail he
19 did about what he'd done about getting the slides into
20 a site briefing package, so I apologize for the
21 misinformation.

22 SCOTT MOORE: It's not a problem, Steve.
23 I think, Glen and I talked about it. I think what we're
24 going to do at this point is, Glen will forward the slides
25 that Chuck provided and just say, attached -- we've

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1 already forwarded the other set of slides to the
2 Commission assistants.

3 I think what we'll do, but it's certainly
4 up to Glen is, I think he's going to forward them to,
5 or have the operations center forward them, you know,
6 to the Commissioner's assistants and say, attached to
7 the slides that, you know, that we're (inaudible) well,
8 when are they going to be in (inaudible)?

9 STEVE REYNOLDS: They're going to be put
10 in, the way I understand it, the Ambassador put together
11 what he calls a site briefing package on a bunch of topics
12 and if he's interested, they will be in her briefing
13 book.

14 And I guess assistant, one of the people
15 that's traveling with her on the advance team, which
16 is this guy named Donahue (phonetic), Chuck briefed him,
17 I guess, earlier this week, so if the Secretary has any
18 questions on the slides, Donahue can walk her through
19 them.

20 But most likely it's going to be in her
21 briefing book and she may or may not read them. But the
22 Ambassador put together a briefing book with all the
23 different agencies and what's going on.

24 SCOTT MOORE: Okay. And honestly, the
25 handoff information that I had received from Roy

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1 Zimmerman was to pass it along to the Commissioner.
2 So, you know, one thing we'll have to decide is whether
3 it should go to the Commissioners themselves or to the
4 TAs, so but yes, but I appreciate the call back and we
5 can, you know, we can pass that on.

6 I think there's a way we can characterize
7 it.

8 GLENN TRACY: I'm not worried. We'll
9 definitely pass it on, it is the final (inaudible)
10 agency.

11 Steve, are we still going to have our call
12 at 3:00?

13 STEVE REYNOLDS: Yes.

14 GLENN TRACY: Excellent.

15 STEVE REYNOLDS: That'd be 3:00 your time,
16 it'll be 4:00 our time. Yes, sir.

17 GLENN TRACY: Thank you so much, friend.

18 STEVE REYNOLDS: That's with the RST,
19 right?

20 GLENN TRACY: That is correct.

21 STEVE REYNOLDS: Yes, yes, that, yes, we're
22 going to continue that call, yes. I don't know, depends
23 on when the Secretary of State gets here, at least one
24 of us will be on the phone call if not all of us, but
25 if she's here right at 4:00, we'll just have a couple

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1 of people on the phone.

2 GLENN TRACY: That's what I thought and
3 that's extremely appreciated and we do understand that
4 you'll be busier there, but it will help us. And Steve,
5 very first bullet on this set of slides, when it says,
6 completed assessment, there are so many assessments,
7 what is this and there's notes that I'm reading.

8 Is this a stability assessment that we're
9 talking about here? I presume? Scott and I were
10 discussing that. And I'm, from, the very first bullet
11 on the slide.

12 STEVE REYNOLDS: Right. You know, I think
13 it's probably more a general statement, not any
14 specific, you know, because we've done the interim,
15 (inaudible) we've done the stability statement, the RST
16 statement, I think it's more in general.

17 We've done an assessment and we think things
18 are static and there's no, you know, big threat to Tokyo.

19 So it's more of a, I don't think we can point to any
20 one document and say, this is it. If that's helpful.

21 GLENN TRACY: That's very helpful for us
22 because Scott and I were looking at products and in terms
23 of products, that's helpful when you explain it that
24 way. Thank you.

25 STEVE REYNOLDS: No, it's more the, you

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1 know, an assessment of all the people on the consortium
2 and what's going on day to day and looking at the
3 different documents, but there's no products that here's
4 our assessment.

5 The only thing, we do have that we want to
6 get out is that, you know, interim comprehensive
7 assessment, but that's not really the document we're
8 referring to, I don't think.

9 GLENN TRACY: That's very helpful.
10 Exactly the clarity Scott and I were looking for and
11 at least the turnover to me is that document is still
12 under development, obviously.

13 STEVE REYNOLDS: That's correct, yes, yes,
14 hopefully we can get it out later on this week.

15 SCOTT MOORE: Steve, since I have you on,
16 I only want to bother you with one more thing and that
17 is that the Commissioner assistants were sent a NISA
18 news release #96, again, NISA news release 96.

19 It's about the Zeolite filters and it's all
20 in Japanese. My simple request at a C priority is that
21 if you happen to have this in English, that would be
22 helpful because we've already sent it to senior
23 (inaudible) in Japanese.

24 So if you do not, it is not a crisis. If
25 you do, it would be helpful.

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1 STEVE REYNOLDS: Okay.

2 SCOTT MOORE: Again, repeating, NISA news
3 release 96, dealing with Zeolite filters.

4 STEVE REYNOLDS: Okay, NISA news release
5 96 on the Zeolite filters? Okay. I'll see what we have.

6 SCOTT MOORE: Yes, they were sent out as
7 a package of documents, let's see, nobody from the Japan
8 team was cc'd on it, but I can forward it to you if you
9 want.

10 STEVE REYNOLDS: Yes, if you do that I can
11 try to backtrack it that way.

12 SCOTT MOORE: Okay. There's a bunch of
13 documents attached to it, but I'll send it to you and
14 Glen at the same time so you all have it, okay? And
15 see what was sent to them. It was sent to them at the,
16 like, end of the last shift, okay? And I think it's
17 like, the very last attachment to it.

18 Basically it's a document in Japanese and
19 what we're thinking is that the Commission assistants
20 are probably going to ask for what it means.

21 STEVE REYNOLDS: Sure. Okay. In the
22 newspaper here this morning they talked about dumping
23 a couple of, I think two or three, they said like a
24 hundred gallon bags of Zeolite in the ocean right
25 offshore to pick up some of the Cesium.

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1 SCOTT MOORE: They did?

2 STEVE REYNOLDS: According to the
3 newspaper.

4 SCOTT MOORE: Yes, that's probably what
5 it's about and we've got IAEA reports and other stuff
6 about it, but we're looking for whatever this thing is.

7 STEVE REYNOLDS: All right, we'll try to
8 track it down this way, out this end.

9 SCOTT MOORE: Okay.

10 GLENN TRACY: Steve, thanks so much. Look
11 forward to talking to either you or whomever at 4:00
12 your time, 3:00 ours and thanks again.

13 STEVE REYNOLDS: okay. No problem. And
14 Scott, I do apologize for giving you bad dope. I feel
15 bad about that.

16 SCOTT MOORE: That's okay, don't sweat it.
17 So go have some sushi for lunch or something.

18 STEVE REYNOLDS: All right. Thanks, guys.

19 GLENN TRACY: Okay. Bye-bye.

20 SCOTT MOORE: Bye.

21 STEVE REYNOLDS: Bye.
22
23
24
25

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