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**NUCLEAR REGULATORY COMMISSION**

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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 SATURDAY

7 MARCH 12, 2011

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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Chairman?

3 CHAIRMAN JACZKO: Yes.

4 MR. DORMAN: Dan Dorman, Scott Morris and  
5 Mike Weber.

6 CHAIRMAN JACZKO: Okay.

7 MR. DORMAN: Sir, a quick synopsis of the  
8 message that was sent from Mr. Condo to Mr. Poneman.

9 The issue is that Unit 1 at Daiichi, this  
10 is the unit that's similar to Oyster Creek, the  
11 isolation condenser plant.

12 CHAIRMAN JACZKO: Yes.

13 MR. DORMAN: Based on the information in  
14 the email, it's evident that there is core damage at  
15 that facility, and that they are very recently in the  
16 process of venting the containment, and the -- it  
17 makes mention of the wind direction, blowing to sea,  
18 that they are -- do not have any at the plant,  
19 injection and cooling systems available, because of  
20 the loss of power.

21 But they are using anything that they can  
22 find, in terms of fire trucks and perhaps, batteries  
23 from vehicles, to power pumps, to get water into the  
24 core.

25 CHAIRMAN JACZKO: Okay, can you give me

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1 just a high level email that I can send back to that  
2 group, summarizing what you said, again?

3 Just summarize, so we can put into  
4 perspective, what it means, what the concerns would  
5 be, at this point?

6 MALE PARTICIPANT: You know, Chairman,  
7 this is (inaudible).

8 From my listening to Dan read this email,  
9 it sounds like they are at least at the stage where  
10 they're taken some mitigative measures --

11 CHAIRMAN JACZKO: Okay.

12 MALE PARTICIPANT: -- which, you know, it  
13 could be ala TMI, where there is some core damage, but  
14 they might be able to stabilize the core.

15 CHAIRMAN JACZKO: Okay.

16 MALE PARTICIPANT: But that's strictly  
17 speculation, at this point.

18 CHAIRMAN JACZKO: Okay, well, give me an  
19 email with what you feel comfortable saying  
20 accurately, that I can respond back to that group  
21 with.

22 MALE PARTICIPANT: Yes, sir.

23 CHAIRMAN JACZKO: And just get me that, as  
24 soon as you can.

25 MALE PARTICIPANT: Yes, sir.

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1 CHAIRMAN JACZKO: So, in the next couple  
2 minutes. It doesn't have to be very long. Again,  
3 this is very high level summary, just of what your  
4 thoughts are.

5 MALE PARTICIPANT: Yes, sir.

6 CHAIRMAN JACZKO: Okay, thank you. I  
7 appreciate it.

8 (CONFERENCE CALL CONCLUDED)  
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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Good morning, Chairman.

3 CHAIRMAN JACZKO: How are you?

4 MR. DORMAN: Good, thanks. How are you,  
5 sir?

6 CHAIRMAN JACZKO: Good. I just forwarded  
7 that information you sent me, Dan, and just added that  
8 it's, at this point, unclear whether this is yet, a  
9 TMI event, but that it could get there.

10 MR. DORMAN: Okay.

11 CHAIRMAN JACZKO: And I just wanted to  
12 double-back on one issue. Do we know if Tony got on  
13 the plane?

14 MR. DORMAN: Yes, Margie is here. So, she  
15 can give us an update.

16 MS. DOANE: Yes, we just heard. We just  
17 got confirmation that he is on the plane.

18 CHAIRMAN JACZKO: Okay, good. Thank you.  
19 Good work.

20 MS. DOANE: Can I ask you a question,  
21 though?

22 CHAIRMAN JACZKO: Yes.

23 MS. DOANE: We'll have to keep pushing for  
24 Jim Trapp to also get to Japan and meet up with the  
25 team.

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1 CHAIRMAN JACZKO: Yes.

2 MS. DOANE: Okay.

3 CHAIRMAN JACZKO: Yes.

4 MS. DOANE: It could be a possibility.  
5 USAID is concerned about having an additional person,  
6 but I said, you should work it. You would have 10  
7 very good experts. That's what you want.

8 CHAIRMAN JACZKO: Yes, I think we should  
9 push it. I mean, if it doesn't happen, it doesn't  
10 happen. But I think we should push to have them both.

11 MS. DOANE: Okay, and the only other thing  
12 is, I got the Navy involved to get dosimetry, because  
13 I couldn't verify that they had it.

14 So, there might be duplicative, but I'd  
15 rather have double, than not.

16 CHAIRMAN JACZKO: Good, excellent work.

17 MS. DOANE: Great, okay.

18 CHAIRMAN JACZKO: Okay, and any other  
19 things that you know, at this point?

20 MR. DORMAN: No, sir.

21 CHAIRMAN JACZKO: Okay, I also did push to  
22 encourage, if possible, to get somebody from NISA, to  
23 contact us.

24 MR. DORMAN: Okay.

25 MS. DOANE: That's good.

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1 MR. DORMAN: That would be very helpful.

2 CHAIRMAN JACZKO: So, I gave them the Ops  
3 Center, as the point of contact, so, you know, I'm not  
4 holding out, that that's going to happen, but you  
5 know, if you can let them know that if they do get  
6 some call like that, if they can make sure to get it  
7 to the right place.

8 MS. DOANE: Right.

9 MR. DORMAN: Okay.

10 MS. DOANE: The only other regulatory body  
11 that we haven't gone to is the NFC.

12 CHAIRMAN JACZKO: Okay.

13 MS. DOANE: So, remember, (inaudible) came  
14 in, and I can't imagine she's involved in this, right?

15 CHAIRMAN JACZKO: Yes.

16 MS. DOANE: But her staff, I don't know.

17 CHAIRMAN JACZKO: Yes, you could try it.  
18 You know, I think it's -- you know, again, I think  
19 it's worth, if we can get some accurate information.

20 Again, you know, what we got from Dan  
21 Poneman was more accurate, but again, not necessarily  
22 anything different than what we had put together at  
23 this point.

24 So, it was a good confirmation, but it --  
25 the general parameters seemed to be consistent with

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1 what we're piecing together from the press reports.

2 MR. DORMAN: Yes, sir.

3 MS. DOANE: Okay, well, we sent a note to  
4 the Midwest 11:30, our time.

5 CHAIRMAN JACZKO: Okay.

6 MS. DOANE: The note went to. (inaudible)  
7 and NISA, to get with GE Hitachi.

8 CHAIRMAN JACZKO: Okay.

9 MS. DOANE: That hasn't been that long,  
10 really, but yes, maybe it has. It's been over an  
11 hour, but we haven't -- I don't know.

12 CHAIRMAN JACZKO: And then, again, I just  
13 want to re-emphasize the importance of having,  
14 certainly by the morning, or possibly earlier,  
15 scenarios run that could help, just for the purposes  
16 of better bounding what the realities of the scenario  
17 are, and I think that will be very important because  
18 it will be difficult for a lot of different policy  
19 makers, to probably understand and put it all into  
20 context.

21 So, the more information we have, the  
22 easier that will be.

23 MR. DORMAN: Yes, sir.

24 CHAIRMAN JACZKO: And again, let's just,  
25 you know, while you're all there, kind of sitting

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1 around waiting for information, make sure we do  
2 everything we can, to get information ready for us, if  
3 we have to be in front of the press.

4 MR. DORMAN: Yes, sir.

5 CHAIRMAN JACZKO: Okay, good. All right,  
6 well, I'm going to try and get a little bit of sleep,  
7 and if anything comes up, don't hesitate to call.

8 MR. DORMAN: Okay.

9 CHAIRMAN JACZKO: Okay, thanks, everybody.

10 MR. DORMAN: Thank you.

11 CHAIRMAN JACZKO: Bye.

12 (CONFERENCE CALL CONCLUDED)  
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1 (CONFERENCE CALL INITIATED)

2 DAN: Are you up, hello.

3 MR. MAMISH: Hey, Dan.

4 DAN: Hello.

5 MR. MAMISH: How are you?

6 DAN: I'm going good. How are you?

7 MR. MAMISH: Hey, I was there until about  
8 7:00 or 8:00 yesterday, and I told Margie I'd go in,  
9 if needed, after I get some rest.

10 What's the situation and what do you  
11 think, you know about --

12 MALE PARTICIPANT: I was there until  
13 11:00.

14 MR. MAMISH: -- you know, about whether I  
15 come in or not?

16 DAN: Well, I think we're going to be  
17 briefing the Chairman at 7:00. I think if you came  
18 in, you know, a little before that, maybe 6:00 or  
19 6:30, get caught up.

20 There is not a lot going on, right now.  
21 The sun is setting over there. So, we haven't had as  
22 much in the way of direct contact --

23 MR. MAMISH: Okay.

24 DAN: -- although we've reached out for  
25 it. So, I'm not sure that there is going to be a

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1 whole lot in the next three hours, that I would drag  
2 you in here for, but I think Margie left --

3 MALE PARTICIPANT: No, she's here. So,  
4 Nader, if you could come in at 4:00, that would be  
5 great.

6 DAN: There you go.

7 MR. MAMISH: Okay.

8 DAN: Hear that?

9 MR. MAMISH: All right, so, I'll be there  
10 at 4:00.

11 DAN: All right.

12 MALE PARTICIPANT: She's putting together  
13 a punch list of things that, you know, she's been  
14 working on, and you'll need to get through them.

15 MR. MAMISH: Okay, so, she is there?

16 MALE PARTICIPANT: Yes.

17 DAN: Yes, she is still here.

18 MR. MAMISH: Okay, can I speak with her?

19 MALE PARTICIPANT: Well, she's in the --

20 DAN: She's around the corner.

21 MALE PARTICIPANT: She's around the  
22 corner, talking to the staff over there. I can ask  
23 her to come in here, if you want.

24 MR. MAMISH: Could you, please?

25 DAN: So, have you gotten any sleep?

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1 MR. MAMISH: I came home, ate and just  
2 crashed, had a couple of beers and crashed, right  
3 away. So, I just woke up.

4 DAN: You fit for duty?

5 MR. MAMISH: What?

6 DAN: Are you fit for duty? You're  
7 recorded live.

8 MR. MAMISH: Just a couple, come on, Dan,  
9 give me a break.

10 DAN: All right.

11 MR. MAMISH: So, do we know anything about  
12 the rad level?

13 DAN: We have no specifics.

14 MR. MAMISH: Okay.

15 MS. DOANE: Hey, Dan. We were talking,  
16 TMI, maybe a refresher would be good for some of us.

17 DAN: Yes, okay.

18 MALE PARTICIPANT: Okay, how are those  
19 analyses coming?

20 MS. DOANE: We're getting closer. I think  
21 we should be able to send it to NARAC, real soon.

22 DAN: Okay. Nader, we did -- one thing  
23 you'll want to look at, when we didn't get in, is  
24 there was a direct communication from the head of the  
25 Japanese Atomic Energy Commission to the Deputy

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1 Secretary of Energy, around midnight, our time, today,  
2 a little bit more details, in terms of yes, they've  
3 been venting containment. Yes, they've got high rad  
4 levels, along those lines, yes.

5 MS. DOANE: Nader?

6 MR. MAMISH: Hey.

7 MS. DOANE: Okay, all right, in a fit of I  
8 don't know what, we got Tony Ulses on the plane with  
9 the USAID mission.

10 MR. MAMISH: Okay.

11 MS. DOANE: They did not know whether they  
12 -- I am not comfortable that they know what they're  
13 going to do with him.

14 I don't know what the rest of the USAID  
15 mission is doing when they get there, so, like the  
16 earthquake guys, they're not reactor guys.

17 So, I'm constantly on the line with USAID,  
18 but they really are very (inaudible), okay?

19 MR. MAMISH: Okay.

20 MS. DOANE: So, I've got a number of open  
21 items, with regard to Tony, who is on a plane, and  
22 should be landing at LAX in about four hours.

23 MR. MAMISH: Okay.

24 MS. DOANE: Okay?

25 MR. MAMISH: Do you want me to hop in my

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1 car, now --

2 MS. DOANE: No.

3 MR. MAMISH: -- because you've been there  
4 a while, now?

5 MS. DOANE: Well, there is a lot happening  
6 at four. So, if you could get here by four o'clock,  
7 to hear the turnover, I think that would be good.

8 MR. MAMISH: Okay.

9 MS. DOANE: But our biggest things right  
10 now, to me -- well, you know what? Go to sleep. I'll  
11 fill you in, in the later session.

12 MR. MAMISH: Well, yes, I mean, four  
13 o'clock is essentially the same thing as now, because  
14 let me see how I feel. I'll probably just take a  
15 shower and come in, now.

16 MS. DOANE: Okay, that's fine, but you  
17 know what? The reason why I'm telling you this is  
18 because they're not going to be able to do the  
19 turnover. There is too much, just too much.

20 So, I'm going to have to stay until four  
21 o'clock, because you would only have Eric here. So,  
22 that's -- I can't just leave Eric. So, you know, I'm  
23 fine, if you come in at four o'clock.

24 MR. MAMISH: All right, let me --

25 MS. DOANE: But if you want to come in

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1 now, that's fine.

2 MR. MAMISH: Okay.

3 MS. DOANE: All right, thanks, Nader, I  
4 appreciate it.

5 MR. MAMISH: Okay.

6 MS. DOANE: Appreciate you calling in,  
7 okay, bye.

8 MR. MAMISH: Bye.

9 (CONFERENCE CALL CONCLUDED)

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1  
2 (CONFERENCE CALL INITIATED)

3 MR. DORMAN: Hello, this is Dan Dorman,  
4 NRC.

5 MR. MORRIS: Hey, Mark, are you there?

6 MARK: Yes, we're on.

7 MR. MORRIS: Hey, Mark. Scott Morris and  
8 Dan Dorman, Margie Doane.

9 MARK: Okay, well, listen, I've got the  
10 IEC, and I would let you do the talking, here.

11 MALE PARTICIPANT: Hello, so, this  
12 discussion is, it's possible, we understand that you  
13 have some assessment, which you want to share with us.  
14 So, we are ready to listen and take some notes, and  
15 if then later on, maybe you can send us a file with  
16 this on an email, would be good.

17 MR. DORMAN: Yes.

18 MALE PARTICIPANT: We will keep this for  
19 our internal look, or internal use. We are not going  
20 to distribute this outside. So, this is just for our  
21 information.

22 MR. DORMAN: I'm sorry, the transmission  
23 is a little rough, here, and we had difficulty  
24 understanding that. Could you try that again?

25 MALE PARTICIPANT: Okay, let me -- I said

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1 that we have this discussion, as we understand it, you  
2 can provide some assessment, or some of your  
3 understanding of the situation, and we just want to  
4 hear what this is and take notes, and use it for  
5 internal purposes here.

6 MR. MORRIS: Yes, we have relatively  
7 little information, and I guess we are hoping that we  
8 can verify basic facts.

9 We're a little bit challenged for an  
10 assessment, without good facts.

11 We understand that the Unit 1 at Fukushima  
12 Daiichi site has high radiation levels. They have  
13 vented the containment, perhaps four hours ago, and  
14 that there is some indications of possible core  
15 damage.

16 Beyond that, we have very little facts,  
17 beyond what we're seeing in the media. Can IAEA  
18 confirm the facts, as they understand them, at the  
19 site?

20 MALE PARTICIPANT: Yes, what you told is  
21 correct, this is what we know. Not more much kind of  
22 information about this.

23 We are asking questions. We are getting  
24 some answers, every two or three hours, or even more,  
25 but basically, this is also what we know.

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1 Do you have any information on very recent  
2 explosions, which was --

3 MR. DORMAN: You'll have to be asking --

4 MR. MORRIS: Yes, we have seen the reports  
5 on the media, about the explosion.

6 MR. DORMAN: Yes.

7 MR. MORRIS: But we have no verification,  
8 no confirmation of an explosion or what effect that  
9 may have had.

10 We have had no direct contact with NISA,  
11 and would -- it would help us to have any direct  
12 confirmation from Japan, about the facts around the  
13 conditions at the plant. Do you have direct contact?

14 MALE PARTICIPANT: Yes, we are in contact.

15 Again, we are in contact, but we are asking some  
16 general information and getting a bit -- some kind of  
17 general answers.

18 So, maybe at this stage, what is your  
19 assessment? Do you have a summary assessment?

20 MR. MORRIS: We have --

21 MS. DOANE: We can't -- without the --

22 MR. DORMAN: Yes, without having better  
23 facts, it's difficult to develop a good assessment.

24 MS. DOANE: But we could do an assessment,  
25 if we got the facts.

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1 MR. DORMAN: Yes.

2 MALE PARTICIPANT: Okay, that is correct.

3 I was just thinking about the time, you know, the  
4 time, which is now, what, more than 15 or 20 hours or  
5 so, since they lost -- I mean, since they had the  
6 black-out, and then basically, they were just cooling  
7 by whatever internal means. You might know better,  
8 the system, you can tell us about this.

9 So, just this huge time, since the black-  
10 out had occurred. We don't really restoring power.  
11 So, what is your assessment on this?

12 MR. MORRIS: Yes, could you repeat that?

13 MR. DORMAN: We're having trouble hearing  
14 you.

15 MS. DOANE: Yes, I'm sorry, the beat is  
16 funny, so, it's really breaking up. It's very loud.  
17 I don't know if it's the microphone or if it's our  
18 phone. I'm not sure exactly what's going on.

19 But maybe you can try a different line or  
20 the --

21 MALE PARTICIPANT: Yes, okay, look, let us  
22 try to -- we can call again, if you wish. Let us try  
23 a different connection, okay?

24 MR. DORMAN: Okay.

25 MS. DOANE: Yes.

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1 MALE PARTICIPANT: Okay, in a few minutes,  
2 okay.

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1 (CONFERENCE CALL INITIATED)

2 MR. DORMAN: Hey, are you there? DOE, are  
3 you on the line?

4 MALE PARTICIPANT: DOE is on the line.

5 MR. DORMAN: Hi, DOE. This is Dan Dorman,  
6 again. I have Dave Bowman on the phone, too.

7 MALE PARTICIPANT: All right, so, it's  
8 Dave Bowman and Dave Young?

9 MR. DORMAN: We're here.

10 MALE PARTICIPANT: So, we've seen this  
11 email that came out from an addressee DOE Tokyo, that  
12 looks like a fairly dire observation, and we're trying  
13 to figure out -- we're trying to figure out what that  
14 is, basically.

15 You know the one I'm referring to?  
16 There's one dated with a time stamp of --

17 MALE PARTICIPANT: So, I mean, that's --  
18 we have an office in Tokyo, and it's basically just a  
19 news report that they saw.

20 So, he -- I think he quotes the news  
21 agency that was making the report. So, I mean, we're  
22 not claiming that to be accurate or validated. We  
23 were just passing it on.

24 MALE PARTICIPANT: Are you guys -- are you  
25 -- have you had any contact with the Japanese

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1 Government or any of the other entities over there?

2 We're kind in the -- in a situation, where  
3 we're getting the bulk of our information from media  
4 outlets.

5 MALE PARTICIPANT: We're in the same  
6 situation. I actually just talked to someone from our  
7 -- well, the DOE rep in the Japanese Embassy, and you  
8 know, he was telling me the same thing, that they're  
9 not getting --

10 MALE PARTICIPANT: Okay.

11 MALE PARTICIPANT: -- basically,  
12 information from the Japanese.

13 MALE PARTICIPANT: All right.

14 MALE PARTICIPANT: So, that's it. We're  
15 just looking for some reliable sources of information,  
16 and we're somewhat hopeful that maybe this was an  
17 indication that you had some, but if not, then --

18 MALE PARTICIPANT: No, I mean, we just --  
19 we are working with some of your protective measures  
20 people and --

21 MR. DORMAN: Okay.

22 MALE PARTICIPANT: -- we've hadn't had --

23 MR. DORMAN: Fair enough.

24 MALE PARTICIPANT: That's all we've had.

25 MR. DORMAN: All right.

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1 MS. DOANE: Let us know about IAEA,  
2 because I told them that IAEA was on the line.

3 MALE PARTICIPANT: Okay, yes, I guess the  
4 point that's being made is, there's a lot of entities  
5 that are struggling to get some quality information,  
6 and it really hasn't been forthcoming.

7 So, everybody is sort of looking for a way  
8 to get information.

9 MS. DOANE: I think the only update that  
10 we got from IAEA is that they are in touch with --

11 MALE PARTICIPANT: NISA.

12 MS. DOANE: -- NISA, but how they don't  
13 have information, isn't exactly clear, if they're in  
14 touch with NISA.

15 MALE PARTICIPANT: No.

16 MS. DOANE: That's just not -- I mean --

17 MALE PARTICIPANT: Maybe Mark can help us  
18 out.

19 MS. DOANE: Yes, so, we got caught in the  
20 middle of that call.

21 MALE PARTICIPANT: All right, well, if we  
22 hear something, we'll let you know. If you hear  
23 something, let us know.

24 MR. DORMAN: Absolutely.

25 MALE PARTICIPANT: All right, thanks a

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1 lot.

2 MR. DORMAN: All right, thank you.

3 (CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: Gentlemen, Mark Shafer  
3 and others from Vienna calling again. I'm going to  
4 put them directly on the conference. Is that okay?

5 MR. DORMAN: Yes. Mark, are you there?

6 MALE PARTICIPANT: They're still coming  
7 up. Here they are.

8 MALE PARTICIPANT: Thank you. Hey, Mark.

9 MR. SHAFER: Good morning.

10 MALE PARTICIPANT: Good morning. That is  
11 a better connection.

12 OPERATIONS OFFICER: Can you hear them now?

13 MALE PARTICIPANT: Yes, much better, thank  
14 you.

15 MALE PARTICIPANT: Okay, we're all around  
16 the table here, just to know who we are talking to.

17 MR. SHAFER: This is Mark Shafer.

18 MALE PARTICIPANT: (Inaudible) from the  
19 emergency center.

20 MALE PARTICIPANT: This is from the  
21 Department of Nuclear Energy.

22 MALE PARTICIPANT: Okay, (inaudible) here  
23 has got some information for you. I mean, some  
24 information and then -- please.

25 MALE PARTICIPANT: Yes, (inaudible)

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1 already asked this question. We received some  
2 information last evening, eight o'clock our time, that  
3 the -- there was no offsite supply and no diesel  
4 generators.

5 Do you have any idea how they could  
6 survive and what they could do, in this situation?

7 MR. DORMAN: Yes, the information that we  
8 have is that they have been using portable power  
9 supplies from trucks and other sources. We don't have  
10 very specific information, and we don't know what  
11 their powering with that, where they're getting the  
12 power -- the pumps, and where they're getting the  
13 water from.

14 But we have had reports that they are  
15 using some very unconventional sources of power,  
16 whatever they can get.

17 MALE PARTICIPANT: Yes, we received the  
18 same information. Have you had anything similar to  
19 this? Of course, not this magnitude, but any similar  
20 event in the U.S., with these type of plants?

21 MR. DORMAN: Nothing like this.

22 MALE PARTICIPANT: Okay, not at all? I  
23 was just wondering.

24 FEMALE PARTICIPANT: And it would be  
25 useful, anything which by your assessment, could be

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1 useful, any information of these situations, anything.

2 MR. DORMAN: Now, I think we're struggling  
3 to put reasonable definitions of the event, to come up  
4 with a reasonable assessment.

5 I think it would be very helpful to us, to  
6 get some direct information from NISA or someone in  
7 Japan, that has direct information, and if you could  
8 assist us in getting contact with them --

9 MALE PARTICIPANT: Okay, that's fine.  
10 Let's try to maintain that. Can you build a list of  
11 questions for us, very, very easy questions, and send  
12 it, please to us, just as we completed the other  
13 questions?

14 MALE PARTICIPANT: Very simply ones, very  
15 easy, short.

16 MALE PARTICIPANT: Very simple, very  
17 technical, not -- because this is -- they will not get  
18 into detail. Do you hear us?

19 MR. DORMAN: Yes, we hear you. Yes, I  
20 guess our preference would be to convey those to NISA.

21 MALE PARTICIPANT: Right.

22 MR. DORMAN: But then we -- once we have  
23 the facts, then we would be happy to work with you on  
24 an assessment.

25 MALE PARTICIPANT: Yes, what I am

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1 suggesting is, we look at the questions, we try -- I  
2 cannot say that we get anything, but we try to have  
3 these questions coming from our behalf, and we see  
4 what answers we get, and -- hello?

5 MR. DORMAN: Yes, hold on, just a minute,  
6 please.

7 MALE PARTICIPANT: Okay.

8 MR. DORMAN: We're going to put you on  
9 'mute' for just a minute.

10 {Break in audio}

11 MALE PARTICIPANT: Okay, I don't know the  
12 question.

13 MR. DORMAN: I think what we'd like to do  
14 is to just make ourselves available to NISA, at their  
15 convenience.

16 We're a little bit cautious of distracting  
17 them. They have a lot on their plate, but if you  
18 could make it known to them, that we're standing by if  
19 they need assistance, then that would be helpful.

20 I think the other point I would like to  
21 make is that there is a team of assistants that is on  
22 its way to Japan, from the United States, which  
23 includes a member of our staff, and any additional  
24 facts that we could get, that would help to clarify  
25 for him, the situation that he's going into would be

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1 very helpful to us.

2 Anything that you can do to help convey  
3 that to NISA would be appreciated.

4 MALE PARTICIPANT: Okay, was this team --  
5 what you are saying is that these are negotiated with  
6 Japanese counterparts?

7 MR. DORMAN: Yes, it's not the NRC's team.  
8 We're supporting an effort that is led out of our  
9 State Department.

10 MALE PARTICIPANT: Okay, can we ask the  
11 composition of the team? These are designers or  
12 operators traveling or --

13 MR. DORMAN: No, it's more search and  
14 rescue and disaster relief.

15 MALE PARTICIPANT: Search and rescue,  
16 okay, okay. Okay, look, what we do is, we take this  
17 as an offer from you, and we record all these offers  
18 of both potential assistance and we keep these all  
19 (inaudible) but we take you, as an offer, now.

20 We take note of this and we have asked the  
21 counterpart in Japan to let us know if they need  
22 anything.

23 Up to now, they didn't say 'no' or 'yes'  
24 to our offer, but because they are so busy. But once  
25 they will say that they would need something, then we

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1 -- this possibility is to be, for sure, assistance for  
2 them.

3 MR. DORMAN: I'm sorry, we had an  
4 interruption for the last minute. Could you just  
5 repeat that last part?

6 MALE PARTICIPANT: Yes, I said that we  
7 take your offer as an offer of assistance, and we put  
8 this on top of some other offers we have received, and  
9 I was saying that we already asked the Japanese  
10 counterpart if they need anything, to let us know, and  
11 up to now, they did not answer that.

12 But as soon as they answer and they  
13 formulate a request, we will consider your offer.

14 MR. DORMAN: That would be terrific.  
15 Thank you.

16 MALE PARTICIPANT: Okay. Okay, so, this  
17 is what we'll do, we'll just take your offer, continue  
18 to watch our (inaudible) website. If we have to post  
19 more, if we have more information to post, I think  
20 now, we are waiting for some answers to our questions.  
21 So, this is it for now, okay?

22 MR. DORMAN: Yes, thank you very much.

23 MALE PARTICIPANT: Thank you.

24 MALE PARTICIPANT: Thank you very much.  
25 Thank you.

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1 MR. DORMAN: All right.

2 FEMALE PARTICIPANT: Thank you.

3 (CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: Chairman Jaczko,  
3 you're on the line.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Good morning, Chairman.

6 CHAIRMAN JACZKO: Good morning.

7 MR. DORMAN: Sir, we're watching videos on  
8 the TV, that show what looks like a detonation of the  
9 Unit 1 reactor building at Daiichi.

10 It's an initial short duration pulse, like  
11 an explosion, followed by a large cloud, and then  
12 there is some subsequent footage, showing what appears  
13 to be the frames of the building that -- the upper  
14 walls around the -- what would be the metal frame work  
15 above the refueling level, its been opened up to the  
16 eye beams.

17 So, this is our significant breaking  
18 worse, that you asked us to call you.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: We have not gotten any direct  
21 reporting. We're just -- we're still working off of  
22 what we got on the media, but it is a very disturbing  
23 image.

24 CHAIRMAN JACZKO: What would you -- how  
25 would you characterize that? What does it mean?

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1 MR. DORMAN: Well, what we're inferring  
2 from that image is that it's a catastrophic failure of  
3 the primary containment.

4 CHAIRMAN JACZKO: Okay.

5 MALE PARTICIPANT: It looks like it's  
6 just, pressure finally got to the point where it  
7 couldn't hold it anymore.

8 CHAIRMAN JACZKO: Okay.

9 MALE PARTICIPANT: We had reports that  
10 they were venting it, but the images, like I said, if  
11 you go to Fox News, you can -- they're looping the  
12 image.

13 MR. DORMAN: Sir, I've just been handed a  
14 note that NISA reported to IAEA an explosion in the  
15 reactor building.

16 CHAIRMAN JACZKO: Okay, okay, let's --

17 MR. DORMAN: So, no further information.

18 CHAIRMAN JACZKO: Okay, let's get that  
19 information out as quickly as we can, to the rest of  
20 the Federal family.

21 MR. DORMAN: Yes, sir.

22 CHAIRMAN JACZKO: Okay, and give me  
23 confirmation, when you've done that, but let's do that  
24 quickly. Again, accurate information, but get that  
25 distributed.

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1 MR. DORMAN: Yes, sir.

2 CHAIRMAN JACZKO: Okay, thank you. At  
3 this point, again, we probably need to be prepared --  
4 we'll need to be prepared for what it means.

5 How are we doing on the -- running the  
6 analyses and various scenarios?

7 MR. DORMAN: We have results for the 10  
8 percent unfiltered release, and the 40 percent, which  
9 would be the more comparable to TMI.

10 We'll have to take a look at what we might  
11 assess out of the images that we're seeing here. The  
12 TMI scenario is a higher source term, but still based  
13 on a leakage of containment.

14 Based on what we're seeing on the  
15 television, that is -- we're -- we don't know where we  
16 are, in terms of extent to core damage, but the  
17 containment function appears to be much more  
18 significantly degraded, based on what we're viewing.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: We'll work on what we might  
21 assess, what we might use as a basis for that  
22 assessment.

23 CHAIRMAN JACZKO: Okay, yes, let's put our  
24 emphasis on scenarios that are now more comparable to  
25 what we know.

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1 MR. DORMAN: Yes, sir.

2 CHAIRMAN JACZKO: Okay, thanks.

3 MR. DORMAN: All right.

4 (CONFERENCE CALL CONCLUDED)

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1 (CONFERENCE CALL INITIATED)

2 MR. HUFFMAN: This is Bill Huffman of the  
3 NRC Operations Center. I have [REDACTED] from  
4 the [REDACTED] that would like to come up on the ET. 6

5 MALE PARTICIPANT: All right, bring him  
6 on.

7 MR. HUFFMAN: Okay.

8 MR. MORRIS: This is Scott Morris in the  
9 headquarters operations center here at the NRC.

10 MR. HUFFMAN: Wait one second, Scott.  
11 He's coming up now.

12 MR. MORRIS: Okay.

13 MR. HUFFMAN: All right, [REDACTED] [REDACTED]  
14 [REDACTED], you're on the bridge the NRC executive  
15 team.

16 [REDACTED] [REDACTED] Okay, yes, I'm [REDACTED]  
17 [REDACTED] from [REDACTED] [REDACTED], and I was just  
18 coordinating a -- or passing onto the spot commentary  
19 we had just written for our people here.

20 Apparently, the item that caught interest  
21 was our -- the information we had on the explosion at  
22 the Fukushima No. 1 unit.

23 MR. MORRIS: Okay.

24 [REDACTED] According to what we got  
25 from REUTERS was that the explosion involved hydrogen 6

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1 and caused the collapse of the roof and walls of the  
2 building.

3 We also saw a video, which indicated --  
4 which showed to us, that the reactor building itself  
5 looked undamaged.

6 Our conclusion is that it probably was an  
7 explosion of hydrogen in the generator building, and  
8 therefore, would not probably have an direct impact on  
9 the primary safety of the reactor.

10 MR. MORRIS: Do you have video that seems  
11 to indicate that the reactor building itself isn't  
12 damaged, but rather, the turbine building?

13 [REDACTED] We have a video that shows  
14 the explosion, itself.

15 MR. MORRIS: Yes, we do -- I mean, we're  
16 watching a loop on Fox News, right now.

17 [REDACTED] All right, and the rector  
18 building itself does not look like the walls and roof  
19 collapsed, but the Reuters report said that -- said  
20 two facts.

21 One, that it involved hydrogen, and two,  
22 that the walls and roof collapsed.

23 MR. MORRIS: All right.

24 [REDACTED] So, we think that since  
25 the video does not show the generator building, rather

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1 comes -- that it's more likely than not, that the  
2 explosion involved the generator building, rather than  
3 the reactor itself.

4 MR. MORRIS: I guess, I mean, we're  
5 struggling with that, because we're looking at a  
6 building -- we're looking at the post-explosion  
7 images, and it looks like the reactor building is  
8 gone, but for the eye beam frames.

9 [REDACTED] Okay.

10 MALE PARTICIPANT: I don't know which one  
11 is the reactor building. 6

12 MALE PARTICIPANT: The reactor building is  
13 the square taller one.

14 MALE PARTICIPANT: The four distinct  
15 structures that you see are -- would be the reactor  
16 building.

17 MR. MORRIS: Yes, okay, but you said that  
18 that's been -- you derived that from a Reuters news  
19 report?

20 [REDACTED] Yes, it was a Reuters live  
21 update report.

22 MR. MORRIS: Okay.

23 [REDACTED] So, I mean, you should see  
24 that. I would assume that would be out on the other  
25 media. I've seen it on other media --

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1 MALE PARTICIPANT: We have.

2 [REDACTED] -- except there, but  
3 that's the one place, yes.

4 MALE PARTICIPANT: Okay.

5 MR. MORRIS: But we're getting ready to  
6 put up our SITREP into DHS. So, we were actually  
7 thinking it was probably a -- part of the containment  
8 system itself, which contains, you know, pressure --

9 [REDACTED] Right.

10 MR. MORRIS: -- from the reactor, and it  
11 appeared to us, to be more of a containment, but you  
12 know, again, it's hard to say, when you're looking at  
13 this.

14 [REDACTED] It is, and of course, you  
15 know, the hydrogen could, of course, be a hydrogen  
16 explosion from zirconium reaction.

17 So, I can't rule it out, but based on what  
18 we were seeing on the video that I saw, and the  
19 solution of hydrogen, it seemed like it was likely to  
20 be -- more likely to be a generator event.

21 MR. MORRIS: All right, well, I mean, I  
22 guess we won't know, until we know.

23 [REDACTED] Right.

24 MR. MORRIS: But appreciate the -- I mean,  
25 at this point, it's all unconfirmed.

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1 [REDACTED] Right, I mean, we're all,  
2 I think, dealing with second and third hand  
3 information here, that doesn't seem -- it seems to be  
4 conflicting in a lot of times.

5 MR. MORRIS: And the hydrogen -- and it's  
6 been a while since I've thought about this, but the  
7 hydrogen present in the turbine -- the generator, I  
8 should say, doesn't seem to have -- be the -- have  
9 enough volume to create the kind of explosion that I  
10 witnessed on the --

11 [REDACTED] Well, granted that those  
12 sort of things usually result in fires, rather than  
13 explosions. It's still, you can imagine, an event  
14 where the hydrogen escapes from the confined area and  
15 gets into an explosive concentration, and the bigger -  
16 - in the larger building volume.

17 So, I don't think it's incredible, but  
18 whether that's actually what happen or not, it's hard  
19 to say.

20 MR. MORRIS: Okay, well, we appreciate it.  
21 Any new data points you get --

22 [REDACTED] Okay.

23 MR. MORRIS: -- we would be interesting in  
24 hearing.

25 [REDACTED] Yes, I don't think any of

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1 the rest of our (inaudible) was anything new. It's  
2 mostly just stuff off the TEPCO website, about the  
3 status of the -- I'm sure you've seen that 1:00 p.m.  
4 update.

5 MALE PARTICIPANT: Yes, we've got a 4:08  
6 eastern time print out from Reuters, that says that  
7 NHK Television, it says, "The outer structure of the  
8 building that houses the reactor appears to have blown  
9 off."

10 [REDACTED] Okay, well, then I need to  
11 go back and fix our's. 6

12 MALE PARTICIPANT: That would not indicate  
13 a turbine --

14 [REDACTED] Right.

15 MALE PARTICIPANT: -- or a generator  
16 explosion. 6

17 [REDACTED] All right, okay.

18 MR. MORRIS: Yes, so, we'll keep watching.  
19 We'll see if we can get any verified facts, we'll let  
20 you know.

21 [REDACTED] I do appreciate it.

22 MALE PARTICIPANT: All right, thanks, [REDACTED]  
23 I appreciate it. 6

24 [REDACTED] If someone can call me  
25 back, because I've moved from the number that you got

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1 Hayden on.

2 MALE PARTICIPANT: Okay.

3 [REDACTED] So, the number that you  
4 need to reach me on, at least for the time being, is

5 [REDACTED]

6 MR. MORRIS: [REDACTED]

7 [REDACTED] Correct.

8 MR. MORRIS: Okay.

9 [REDACTED] All right, thanks.

10 MALE PARTICIPANT: Thanks, Ray.

11 MR. MORRIS: Thank you.

12 [REDACTED] All right, bye.

13 (CONFERENCE CALL CONCLUDED)

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1  
2 (CONFERENCE CALL INITIATED)

3 OPERATIONS OFFICER: Hey, Mr. Dorman,  
4 Chairman Jaczko is coming up to the bridge, again.

5 MR. DORMAN: All right.

6 OPERATIONS OFFICER: Mr. Chairman, you're  
7 on the bridge.

8 CHAIRMAN JACZKO: Okay, hey, Dan.

9 MR. DORMAN: Yes, sir.

10 CHAIRMAN JACZKO: How are you doing?

11 MR. DORMAN: We're hanging in there.

12 CHAIRMAN JACZKO: Are you getting emails  
13 that I'm sending you, just to confirm?

14 MR. DORMAN: Let me open up and check.

15 CHAIRMAN JACZKO: Okay, that would be a  
16 'no'?

17 MR. DORMAN: Yes, yes, I've been a little  
18 pre-occupied.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: All right, yes, I've got  
21 several from you and responses from Mr. Lyons.

22 Let's see, yes, I'm scanning through  
23 these, right now.

24 CHAIRMAN JACZKO: Okay, yes, if you can  
25 just make sure to confirm those things then for me,

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1 that I indicated in the email.

2 MR. DORMAN: Yes, the SITREP to DHS just  
3 went --

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: -- and included this latest  
6 information with the appropriate caveats, and Scott is  
7 working on updating the talking points for you.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: Although we're still looking  
10 at this as, we have little direct information and no  
11 ability to assess the scenarios, so, we're still  
12 looking at a lot of, "If you want to know what's going  
13 on in Japan, talk to the Japanese."

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: But in that sense, it's -- if  
16 there's anything beyond that, that you want us to  
17 work, from the talking points, we're trying to do a  
18 little bit of, trying to put ourselves in your shoes,  
19 for what you might walk into this morning.

20 CHAIRMAN JACZKO: Got you, yes, that's  
21 fine, and again, where we can, let's just stick to  
22 what we know, which at this point is, based on, you  
23 know, anecdotal evidence and things like that.

24 So, and if there was anything in any of  
25 the emails I cc'ed you on, that you think is

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1 inaccurate, please, just respond back. But I  
2 hopefully captured it with the appropriate caveats,  
3 what you had told me.

4 MR. DORMAN: Okay.

5 MR. MORRIS: Mr. Chairman, this is Scott  
6 Morris. The individual at the White House, that I  
7 think I saw one of the -- I was looking over Dan's  
8 shoulder here, on these emails, [REDACTED]

9 CHAIRMAN JACZKO: Yes.

10 MR. MORRIS: Have you heard anything back  
11 from him? We're just -- I'm curious, we sent the  
12 SITREP to DHS, but I think earlier, there was some  
13 interest in sharing our thoughts with the White House,  
14 directly, is that accurate?

15 CHAIRMAN JACZKO: Yes, it should be to  
16 that individual, that [REDACTED] whatever.

17 MR. MORRIS: Okay.

18 CHAIRMAN JACZKO: Include him on the  
19 distribution.

20 MR. MORRIS: Okay.

21 MR. DORMAN: Okay.

22 CHAIRMAN JACZKO: And Pete Lyons, as well.

23 MR. MORRIS: Okay.

24 CHAIRMAN JACZKO: Is your sense that DHS  
25 is not getting information to others?

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1 MR. DORMAN: I would say it's not been  
2 clear to me, that DHS is a significant participant in  
3 the communications that we've been involved in.

4 We've had more with Department of Energy  
5 and with [REDACTED]

6 CHAIRMAN JACZKO: Okay, include any of  
7 those individuals then, you know, that you're having  
8 contacts with. Include them on the distributions, as  
9 well.

10 MR. DORMAN: Okay.

11 CHAIRMAN JACZKO: Yes, get to whomever we  
12 can, directly, and then work through DHS.

13 MR. DORMAN: Okay.

14 MR. MORRIS: All right.

15 CHAIRMAN JACZKO: And then cc me on all of  
16 those communications, too, so that I have the latest  
17 information, as well.

18 MR. DORMAN: Yes, sir.

19 CHAIRMAN JACZKO: Okay, what is your  
20 recommendation for me, at this point?

21 MR. DORMAN: I think you could wait until  
22 the seven o'clock. If we're still -- I'm still  
23 watching the same loop of footage on the television,  
24 and we're not getting a lot of other --

25 MR. MORRIS: We've got some stuff on the

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1 Reuters wire that has --

2 CHAIRMAN JACZKO: Okay.

3 MR. MORRIS: -- talked about explosions  
4 and things, but it's --

5 MR. DORMAN: But it's pretty much all of  
6 the -- all of the networks are picking up, what was  
7 originally shown on a Japanese network.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: But nothing new seems to be  
10 coming in, in the last 45 minutes or so.

11 CHAIRMAN JACZKO: Okay, well, I'll try and  
12 get a little bit more sleep then, and again, call me  
13 if there is a significant change.

14 But what I want to emphasize again is that  
15 we're -- we get our communications prepared, again,  
16 with the best available information we have, that we  
17 continue to loop those individuals in with any of our  
18 communications, and also, that we're also -- make sure  
19 that we're thinking about spent fuel pools, as well.

20 MR. DORMAN: Yes.

21 CHAIRMAN JACZKO: Just to make sure.

22 MR. DORMAN: Yes, we're having that  
23 conversation, because it is, as Commissioner Lyons, in  
24 one of those emails, that this was one of the sites --  
25 and to the best of our knowledge, this is a similar to

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1 design to most of our early BWR's that has the -- the  
2 spent fuel pool at the top of the secondary  
3 containment structure, and if that's accurate, then --  
4 and we're reading the image accurately, that what we  
5 see is the open framework, then what you have at that  
6 pool is now open into the environment, at the top.

7 CHAIRMAN JACZKO: Okay.

8 MR. DORMAN: What we don't know is what --  
9 is any information related to the cooling or water  
10 supplies there.

11 CHAIRMAN JACZKO: Okay, and again, our --  
12 we are -- make sure that we're considering that in the  
13 assessment and scenarios, as well then.

14 MR. DORMAN: Yes, sir.

15 CHAIRMAN JACZKO: Okay, and again, we're -  
16 - where do you think we are, in terms of getting now,  
17 an assessment that includes an unvented -- or an open  
18 containment?

19 MR. DORMAN: Well, we have an assessment  
20 that is 100 percent core melt in an open containment,  
21 and that's, as you would imagine, a very bad scenario  
22 with reaching the protective action guidelines out to  
23 50 miles down wind.

24 Right now, down wind is out over the  
25 ocean, but we don't have any reason, at this point, to

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1 believe that we're at anything like that kind of  
2 source term.

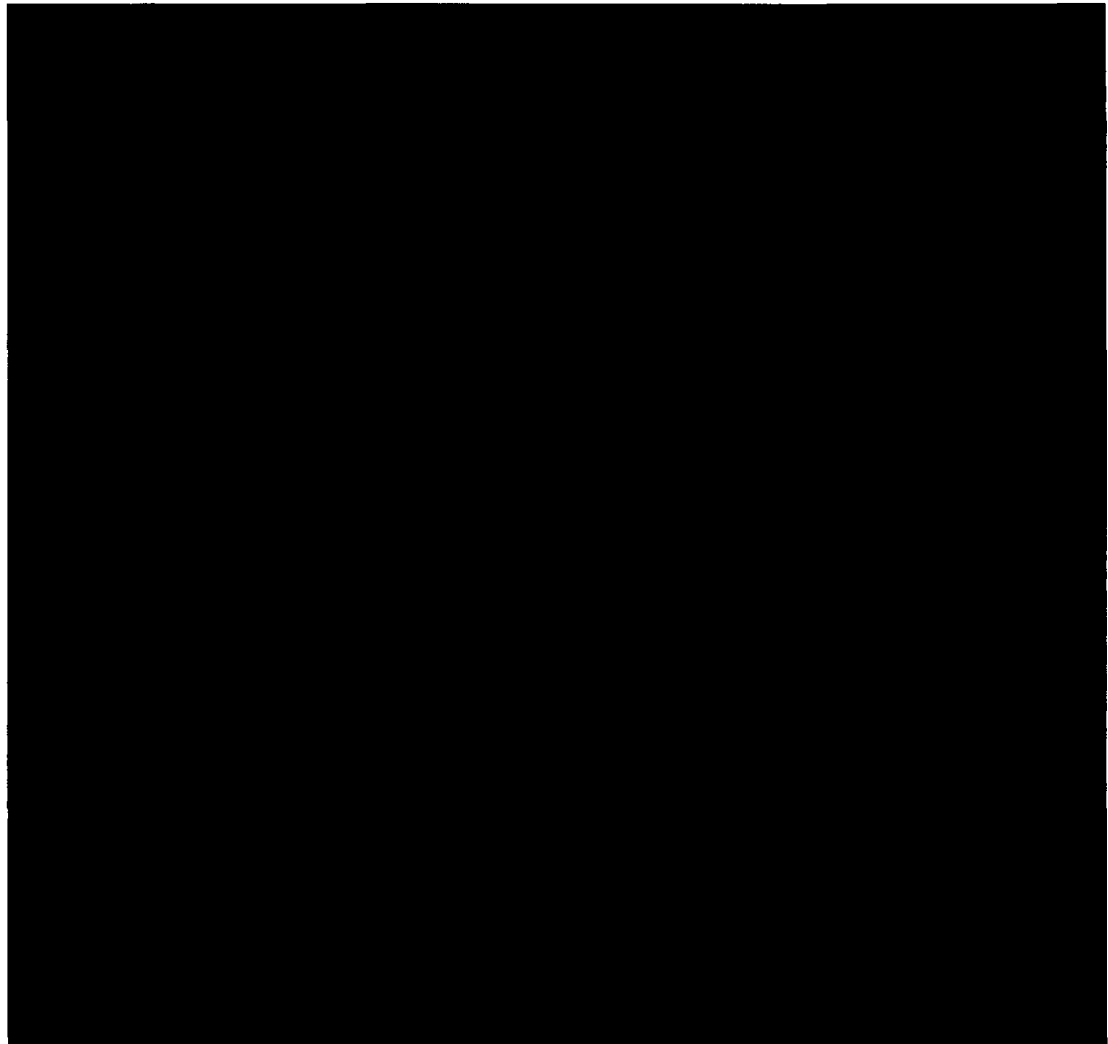
3 CHAIRMAN JACZKO: Okay.

4 MR. DORMAN: So, that's our truly worse  
5 case scenario. We don't have any information to  
6 support a -- you know, what less than that, is it.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRUNELL: Chairman, it's Scott Brunell  
9 from Public Affairs.

10 CHAIRMAN JACZKO: Yes.



25 MR. BRUNELL: I think that's a fair --

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1 MR. MORRIS: Yes, I think that's a fair  
2 assessment.

3 CHAIRMAN JACZKO: Okay, okay, and even in  
4 a worse case scenario -- or well, in a worse case  
5 scenario, again, would there be a possibility that  
6 Hawaii or anywhere else would exceed any levels that  
7 would require shelter, any protective action?

8 MR. MORRIS: No, I don't -- no, I think we  
9 could say, based on the worse case assessment we have,  
10 I think we can say safely that there would not be any  
11 protective actions recommendations for those areas.

12 Thinking back to 1986, and going to  
13 Scott's comment on public confidence, relative to  
14 monitoring, it's -- that would be the avenue of why  
15 you would want to get into monitoring, just so that we  
16 can say, "Yes, we're measuring it, and it's okay."

17 CHAIRMAN JACZKO: Okay, all right, well,  
18 again, if that's something that we need to be doing,  
19 then we need to -- we need to get that information  
20 out.

21 If, from a safety standpoint, we believe -  
22 - or any other reason, it's important to get that out,  
23 then we should engage DHS.

24 MR. DORMAN: Okay, all right.

25 CHAIRMAN JACZKO: Okay, any -- does that -

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1 - any other issues, at this point?

2 MR. BRUNELL: I only point out that we've  
3 had a brief interaction with the IAEA folks and the  
4 operations center.

5 Those two are going to get information, as  
6 well. So, they've reached out to us, to see if we  
7 could help, and we've pretty much, shared with them,  
8 that, you know, our information was sketchy, at best.

9 MR. MORRIS: And we did ask that -- we  
10 pointed out that we do have an individual en route, as  
11 part of a search and rescue/disaster relief effort,  
12 but that if the IAEA had contact with NISA, and could  
13 put them in touch with us, it would be good for him to  
14 have the best information available, when he arrives.

15 CHAIRMAN JACZKO: Okay, good. When do we  
16 anticipate his arrival?

17 MR. MORRIS: We're anticipating his  
18 arrival in California in about an hour.

19 CHAIRMAN JACZKO: Okay.

20 MR. MORRIS: And then I'm assuming, he'll  
21 have a stop over there for refueling and then, about  
22 another eight hour flight. So, I think it will 11:30  
23 a.m. tomorrow --

24 MR. BRUNELL: Tomorrow, in Mesala.

25 CHAIRMAN JACZKO: Okay.

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1 MR. MORRIS: Okay, and did you hear that,  
2 11:30 a.m. local in Mesala?

3 CHAIRMAN JACZKO: Okay.

4 MR. BRUNELL: Yes, it will be 9:30 eastern  
5 standard time on 3/12.

6 CHAIRMAN JACZKO: Okay.

7 MR. MORRIS: All right.

8 MR. BRUNELL: Yes.

9 CHAIRMAN JACZKO: Okay, anything else, at  
10 this point?

11 MR. MORRIS: No, sir.

12 CHAIRMAN JACZKO: Okay, so, we -- make  
13 sure you get those communications out to a wider  
14 audience, and then Dan, can you -- I guess, we're in a  
15 unique situation here. We're not really in any kind  
16 of true national response, or anything, at this point,  
17 are we?

18 MR. DORMAN: That is correct.

19 CHAIRMAN JACZKO: Okay, okay, so, we're  
20 still primarily dealing with, for the United States, a  
21 communications event?

22 MR. DORMAN: Yes, sir.

23 CHAIRMAN JACZKO: Okay, okay, well, let's  
24 make sure we have all our communications right.

25 MR. DORMAN: Yes, sir.

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1 CHAIRMAN JACZKO: Okay, thanks.

2 MR. DORMAN: You're welcome.

3 (CONFERENCE CALL CONCLUDED)

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2  
3 (CONFERENCE CALL INITIATED)

4 OPERATIONS OFFICER: This is the  
5 headquarters operations officer. Chairman will be on  
6 the bridge momentarily.

7 Chairman Jaczko, you're on the bridge now.

8 CHAIRMAN JACZKO: Okay, thank. Hi,  
9 everybody. Sorry to have to get in.

10 MR. DORMAN: That's all right.

11 CHAIRMAN JACZKO: I just want to confirm  
12 the information that you told me to get, in case I --  
13 because I'm getting pinged by a bunch of different  
14 people.

15 So, if you can make sure to send the --

16 MR. DORMAN: The updates?

17 CHAIRMAN JACZKO: -- the updates, and I  
18 won't have to do that as much.

19 We have video footage that we believed  
20 showed containment has been violated.

21 MR. DORMAN: Yes, what is it, is -- I'll  
22 try to describe it for you.

23 From a distance, you've got the plants in  
24 the center. You've got four reactor buildings and  
25 behind them, from the point of view of the camera, is

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1 the turbine building and then the sea, and what you  
2 see is, on the left-most, which would be the Unit 1,  
3 from the vicinity of the reactor building, you see an  
4 initial vertical pulse --

5 CHAIRMAN JACZKO: Yes.

6 MR. DORMAN: -- and then a large white  
7 cloud, spread out from that reactor building, and then  
8 you have footage of a later image, where you have the  
9 three reactor buildings to the right are solid white  
10 images, and the one where the -- you know, the  
11 explosion occurred, appears to be the metal frames of  
12 the portion of the building above the refueling plug  
13 and the spent fuel pool.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And based on that, our  
16 assessment is, it appears to have been an event that  
17 originated in the reactor building.

18 CHAIRMAN JACZKO: Okay.

19 MR. DORMAN: And our assessment is that  
20 there is possibility that that would -- and event like  
21 that involved a failure of the primary containment.

22 CHAIRMAN JACZKO: Okay.

23 MALE PARTICIPANT: Yes.

24 MR. DORMAN: But again, that's all our  
25 inference off some media footage.

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1 MALE PARTICIPANT: Well, there's no smoke.  
2 It looks like steam, or some kind of vapor.

3 MR. DORMAN: Or yes, the --

4 MALE PARTICIPANT: It doesn't look like  
5 smoke, and there was no fire ball.

6 CHAIRMAN JACZKO: Okay.

7 MR. DORMAN: And some of that's pulverized  
8 concrete, too.

9 MALE PARTICIPANT: Yes.

10 CHAIRMAN JACZKO: And then the IAEA piece  
11 of information we have, can you describe that to me,  
12 again?

13 MR. DORMAN: The IAEA, we talked to them,  
14 a little over an hour ago, from their operations  
15 center, and Mark Shafer was on their end.

16 We basically confirmed that they are as  
17 starved for facts as we are.

18 MALE PARTICIPANT: Right.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: So, there -- unfortunately,  
21 we were mutually unable to help each other, much.

22 CHAIRMAN JACZKO: Okay, but they are in  
23 the same -- did they get official notification? I  
24 thought you told me that NISA had made some  
25 notification.

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1 MR. DORMAN: Yes, there was -- yes, as we  
2 were talking, I had said -- a note was handed to me  
3 that said NISA called IAEA and reported explosion in  
4 the reactor building.

5 CHAIRMAN JACZKO: Okay, so, in the reactor  
6 building. So, not -- I'm getting some emails  
7 suggesting that the issue is in the turbine, not in  
8 the reactor building, or that --

9 MR. DORMAN: And this is -- we had a  
10 conversation with [REDACTED] it was looking at -- they were  
11 looking at the same footage that we are, and their  
12 initial assessment was that it was a hydrogen  
13 explosion in the turbine building.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And we're looking at it, and  
16 I'm watching the loop of the explosion right now as  
17 we're talking, and we are seeing it -- we continue to  
18 see it as a reactor building issue.

19 CHAIRMAN JACZKO: Okay, and again, just  
20 because I'm not that familiar with BWR designs, is  
21 there -- their turbine building is a separate  
22 building?

23 MALE PARTICIPANT: Yes.

24 MR. DORMAN: Yes, it is a separate  
25 building.

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1 CHAIRMAN JACZKO: Okay.

2 MR. DORMAN: And it's on the far -- from  
3 the point of view of this camera, it is on the far  
4 side from the reactor building --

5 CHAIRMAN JACZKO: Okay.

6 MR. DORMAN: -- and I am not envisioning  
7 how a turbine building event, that's being postulated  
8 by others, would cause the damage that I'm currently  
9 looking at on the Unit 1 reactor building.

10 CHAIRMAN JACZKO: Okay.

11 MR. DORMAN: The other issue that we've  
12 raised is that the apparent mode of force for such an  
13 event in the turbine building would be hydrogen that  
14 cooled the turbine, and we don't see any deflagration  
15 issue, in terms of --

16 CHAIRMAN JACZKO: Okay.

17 MR. DORMAN: -- we don't see any flame --

18 CHAIRMAN JACZKO: Right, which you'd see  
19 from a hydrogen explosion.

20 MR. DORMAN: Right.

21 CHAIRMAN JACZKO: Okay, good, thanks.

22 MR. DORMAN: Yes, sir.

23 CHAIRMAN JACZKO: Just make sure to put me  
24 on the email, or just send me the SITREP, so, I have  
25 that in written form, too.

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1 MALE PARTICIPANT: Yes, sir, I'll be doing  
2 that shortly.

3 CHAIRMAN JACZKO: Okay, good, thank you,  
4 appreciate it.

5 MALE PARTICIPANT: Sure.

6 CHAIRMAN JACZKO: And I'll see you in a  
7 few minutes.

8 MR. BRENNER: Chairman?

9 CHAIRMAN JACZKO: Yes.

10 MR. BRENNER: Eliot Brenner here, as well.

11 CHAIRMAN JACZKO: Okay.

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1 Stay down here?

2 MR. BRENNER: You probably want to say  
3 close to downtown for the time being.

4 CHAIRMAN JACZKO: Okay.

5 MR. BRENNER: Because we're closer to the  
6 media, and I could always leave out of here and meet  
7 you.

8 CHAIRMAN JACZKO: Okay, okay, and let's  
9 make sure we get information. As soon as we get it,  
10 we're putting it down on paper, so that I have  
11 information in front of me, when I have to get down  
12 there.

13 MR. MORRIS: Right.

14 CHAIRMAN JACZKO: Okay, and again, just to  
15 recap then, I will not come in, at this point. I'll  
16 stay here. You can post it if anything else changes.

17 MR. MORRIS: Yes, sir.

18 CHAIRMAN JACZKO: Okay, good, thank you.

19 MR. MORRIS: Thank you.

20 MR. DORMAN: Thank you.

21 (CONFERENCE CALL CONCLUDED)

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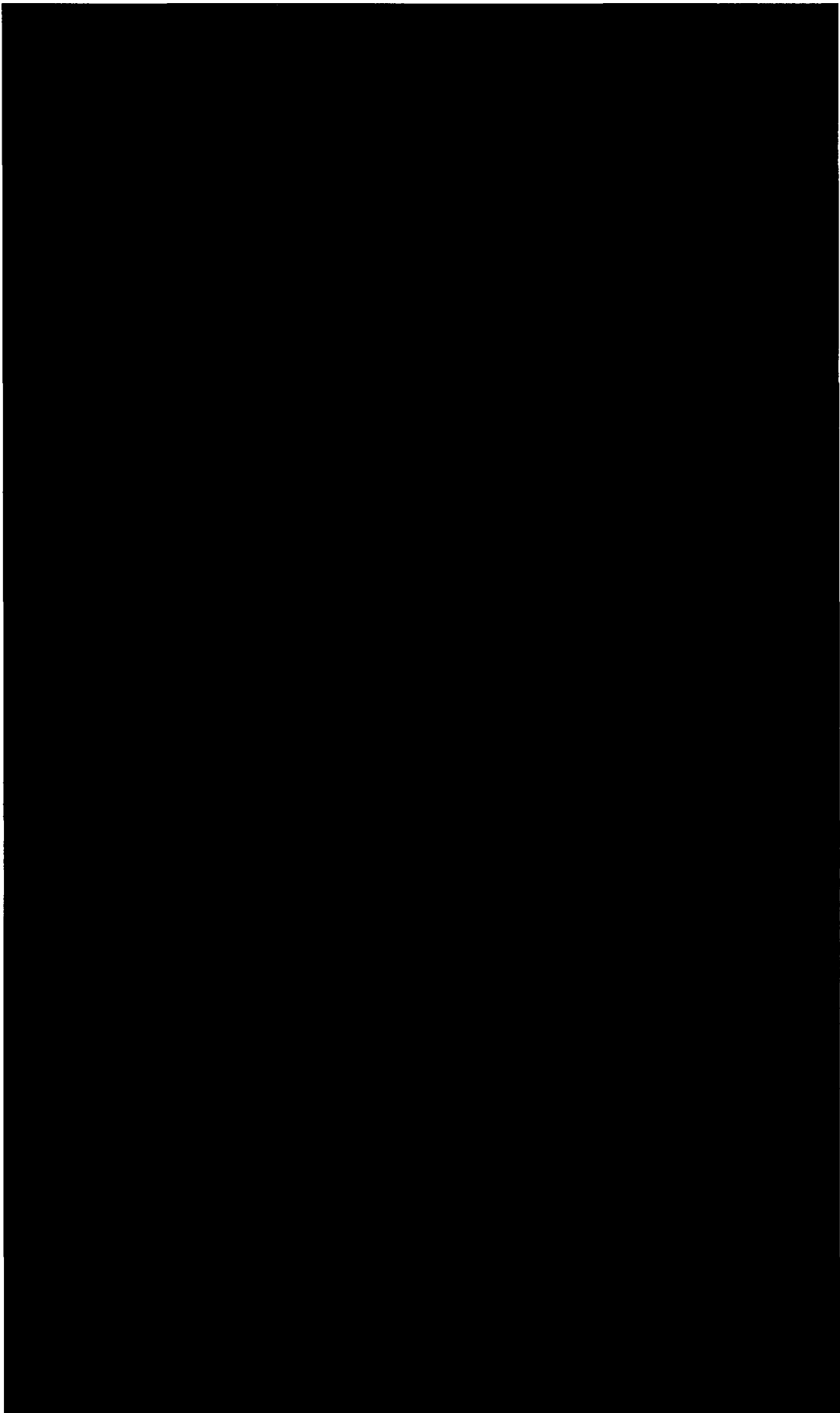
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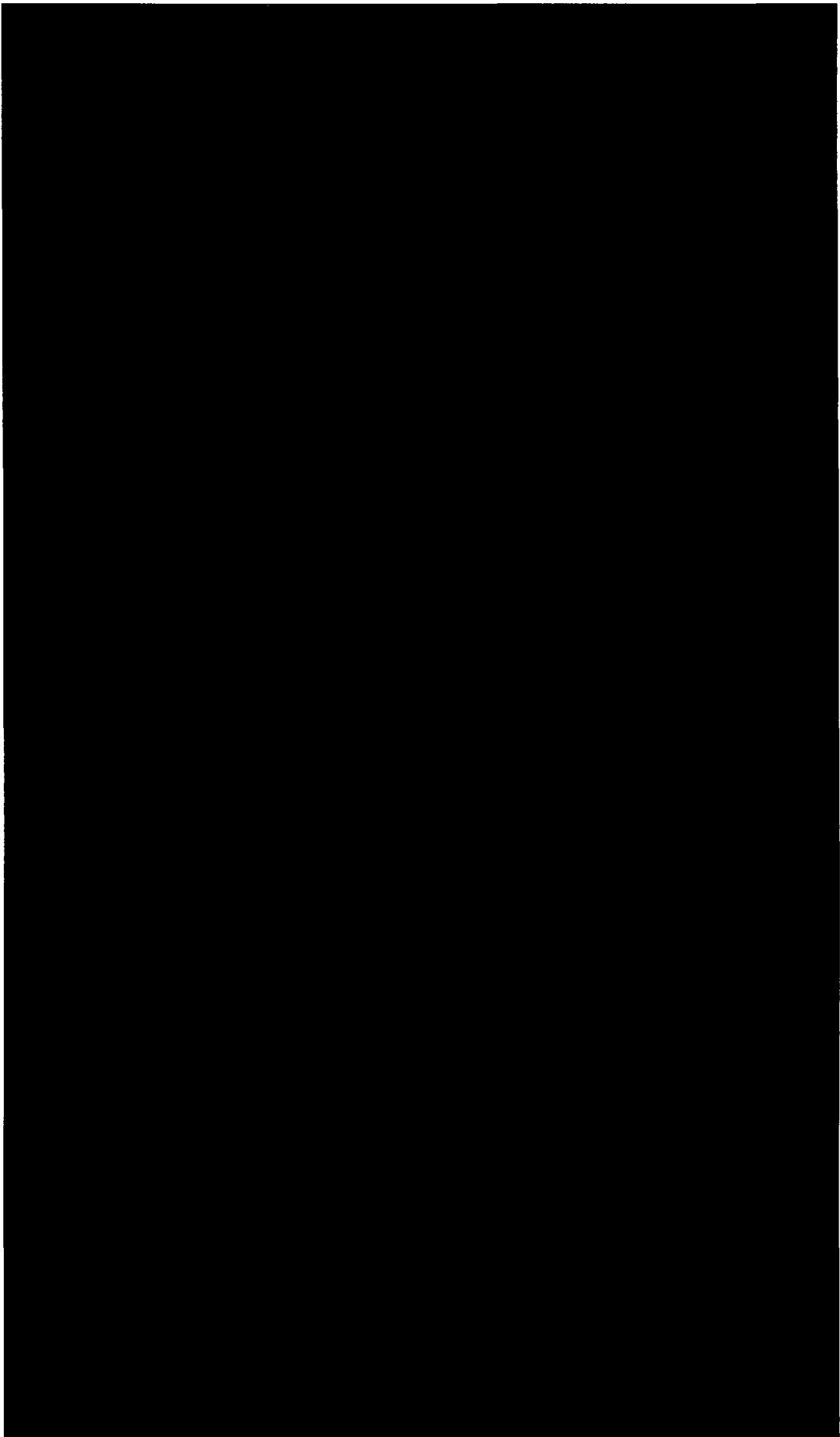
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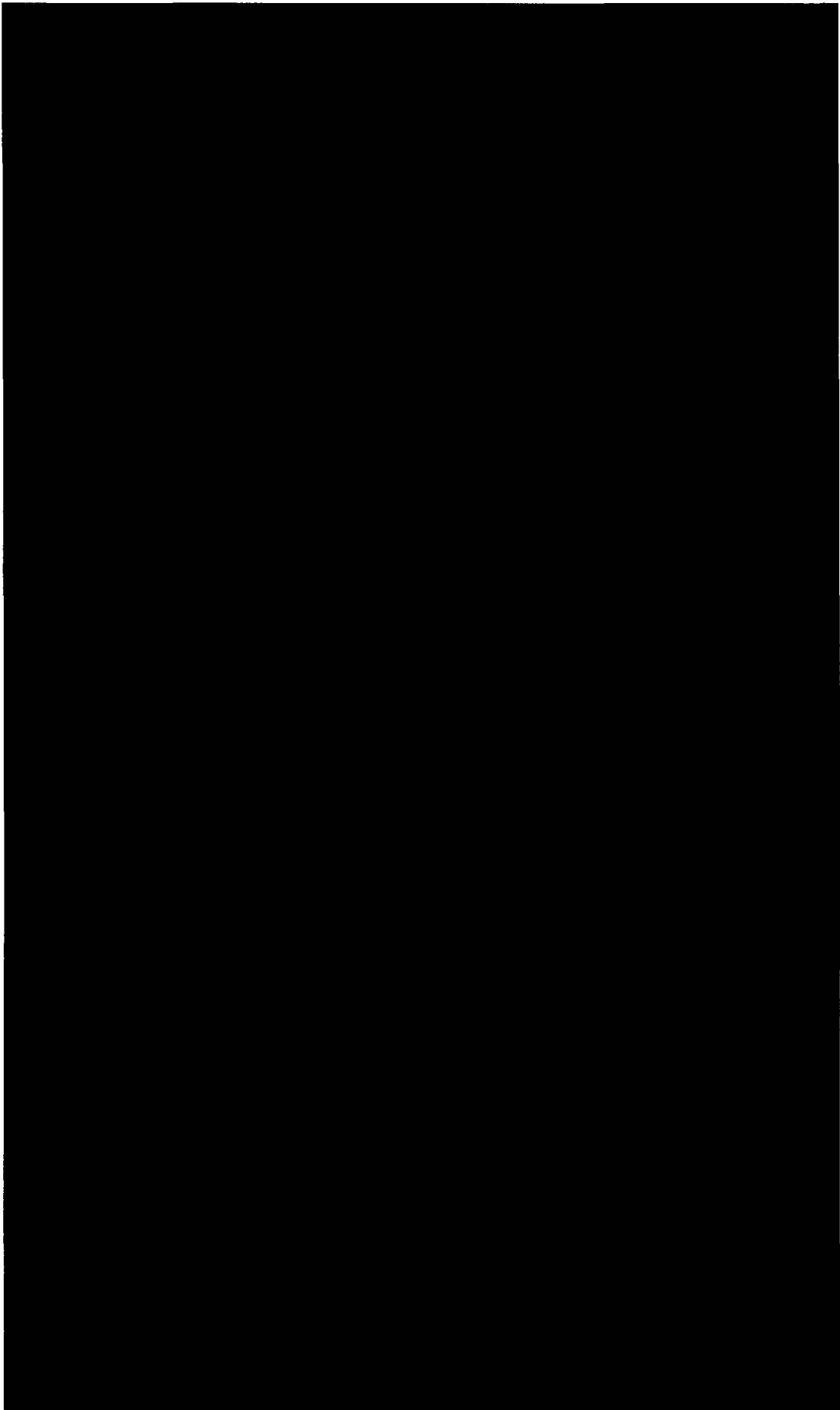
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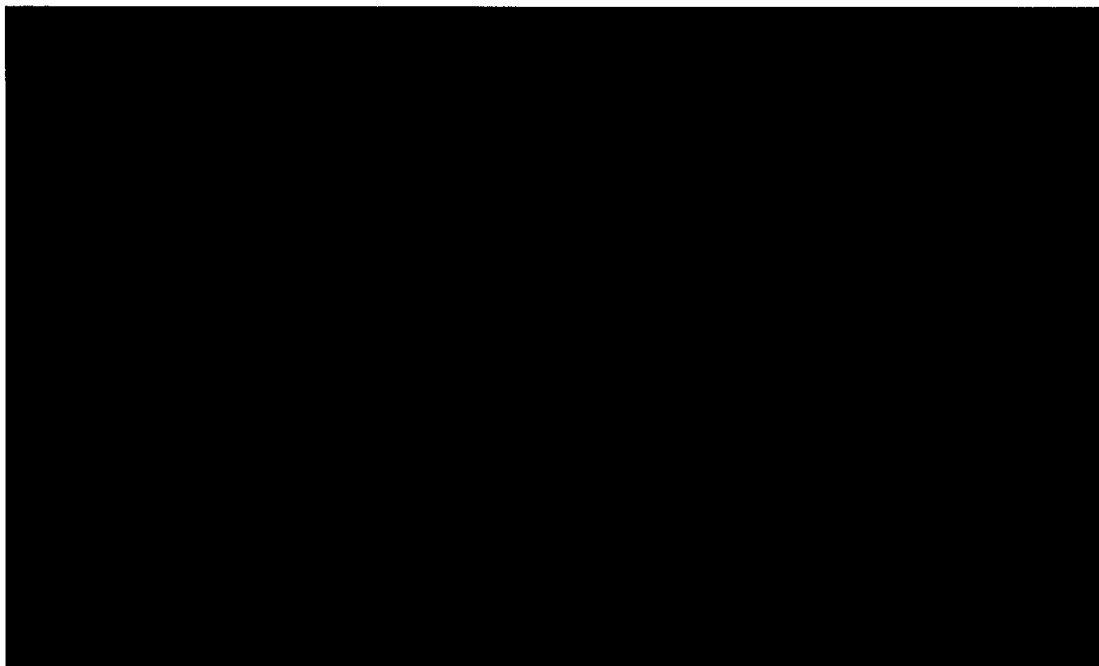
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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: This is the operations  
3 officer. The Chairman is joining the conference.

4 MR. DORMAN: Thank you.

5 MALE PARTICIPANT: Okay, thank you.

6 MALE PARTICIPANT: Good morning, Chairman.

7 OPERATIONS OFFICER: I think that might  
8 have been the Ops Officer on the conference.

9 MALE PARTICIPANT: Okay.

10 OPERATIONS OFFICER: Good morning, he  
11 should be on shortly.

12 MR. DORMAN: Okay.

13 MALE PARTICIPANT: Okay, we're going to  
14 put you on 'mute' for now.

15 OPERATIONS OFFICER: The Chairman will be  
16 joining the conference momentarily.

17 MR. DORMAN: Thank you.

18 CHAIRMAN JACZKO: Good morning, everyone.

19 MALE PARTICIPANT: Good morning, Chairman.

20 MR. DORMAN: This is Dan. We've got Scott  
21 Morris here. We've got Marty Virgilio and Bill  
22 Borchardt and Brian McDermott have joined us, as well  
23 as others coming in and out. Eliot Brenner is here.

24 There is not significant change since  
25 we've talked a few hours ago. There is no new

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1 information regarding the status of the core at Unit  
2 1, nor the status of cooling to the core, although I  
3 think as more time passes, we're taking some comfort  
4 in the notion that we're not hearing a lot about, you  
5 know, significant releases from the facility, that we  
6 would expect to start to hear, if there were  
7 significant issues with that core.

8 CHAIRMAN JACZKO: Okay.

9 MR. DORMAN: We also continue to have no  
10 additional information on the status of maintaining  
11 cooling through the other units at that site.

12 The media are reporting that in  
13 conjunction with that nuclear plant explosion, there  
14 were four workers injured, who have been transported  
15 to hospitals, but no information about the nature or  
16 extent of the injuries associated with that.



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24 CHAIRMAN JACZKO: Can you just summarize  
25 again for me, what your thoughts are on that?

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1 MR. DORMAN: Yes, our inference from the  
2 explosion that we've observed is that the explosion  
3 was in the reactor building and represents a  
4 significant failure of the containment, primary  
5 containment function.

6 We did acknowledge that there are some  
7 folks, both within the Ops Center here and out in  
8 other agencies, who are looking at that, and seeing a  
9 hydrogen explosion the turbine building, but that's  
10 not our primary assumption.

11 CHAIRMAN JACZKO: Okay.

12 MR. DORMAN: A steam explosion, excuse me  
13 -- yes, a steam explosion for containment, that's  
14 correct, and what we thought -- well, one of the  
15 reasons that we don't believe it was a hydrogen  
16 explosion in the turbine building was we found no  
17 indication of flames and similarly, there is no  
18 indication, if you look at the later images after the  
19 explosion, there is no indication of any kind of  
20 sustained fire, smoke, anything of that sort.

21 So, we have put together key talking  
22 points for you. We are just finalizing an update for  
23 the Q&A's.

24 We have the SITREP that I emailed to you,  
25 and the reactor safety and protective measure teams

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1 have put together about a dozen questions that they'd  
2 like to ask me, to -- if we get the opportunity to  
3 have direct contact with the Japanese.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Tony Ulses did catch the  
6 flight out to the west coast, which we expect to  
7 arrive in Los Angeles, within the hour, and then go  
8 onto Japan, arriving there about 9:30 eastern time  
9 tonight.

10 CHAIRMAN JACZKO: Okay.

11 MR. DORMAN: Our understanding is that  
12 that flight will be arriving somewhere to the north of  
13 the affected area.

14 CHAIRMAN JACZKO: Okay.

15 MR. DORMAN: And that the team would then  
16 be transported into the release area, from there. So,  
17 we're still kind of trying to feel out where Tony is  
18 going to fit into that team.

19 CHAIRMAN JACZKO: Okay.

20 MR. DORMAN: Jim Trapp is still standing  
21 by to -- we've got him lined up on the 11:00-something  
22 flight out of Dulles, to Narita Airport -- to the  
23 airport.

24 The Embassy in Tokyo is standing by there,  
25 and either getting him connected with the team that

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1 Tony is with, or if that doesn't seem to fit, the  
2 Embassy would welcome his technical assistance and  
3 advice at the Embassy.

4 So, either way, the Embassy will be  
5 helping to get Jim situated.

6 CHAIRMAN JACZKO: Okay, good.

7 MR. DORMAN: We have suggested, through  
8 DHS, that EPA begin, if they haven't already,  
9 radiation monitoring along the west coast and the  
10 Islands, not because we have a safety concern that  
11 there would be an impact there, but that we expect to  
12 go out a message that we don't expect an impact there,  
13 it would be good for public confidence, to have some  
14 data that supports that.

15 CHAIRMAN JACZKO: Okay.

16 MR. DORMAN: What other updates?

17 MALE PARTICIPANT: I guess some of the  
18 modeling, maybe.

19 MR. DORMAN: Okay, yes, we did -- the PMC  
20 did look at a scenario involving 100 percent core  
21 damage, along with the containment failure, which as  
22 you can imagine, would be a significant event with  
23 protective action guidelines well beyond 50 miles.

24 But again, at this point, we do not have  
25 an indication that there is anything like that kind of

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1 core damage, but that would be kind of a bounding  
2 scenario.

3 There is some -- they did get a chart from  
4 the folks at Lawrence Livermore, that appears to have  
5 been generated by NOAA.

6 We're not quite sure what the focus and  
7 the analysis mode is to that, but it indicates a  
8 track, not dose levels, but a track for particles that  
9 would show a particle release, that would get out,  
10 south of the (inaudible) and then turn to the north,  
11 and then depending on the particle sizes, end up  
12 across Eastern Russia and Western Alaska.

13 CHAIRMAN JACZKO: Okay.

14 MR. DORMAN: So, we do not expect any kind  
15 of significant plume working its way in the direction  
16 of the west coast or Hawaii.

17 CHAIRMAN JACZKO: Okay.

18 MR. DORMAN: We are building a plan to  
19 staff the ops center, with the current staffing levels  
20 and the reactor safety team, and protective measures  
21 team, and with -- at least going into the day shift,  
22 either augmented staffing for the liaison team, public  
23 affairs, to -- and we're mapping out that staffing  
24 into -- through the day shift on Tuesday, with the  
25 notion that if we do need to get that far and go

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1 farther, than Sunday and Monday, we can evaluate what  
2 those needs would be and extend the plan and  
3 assessing, if appropriate.

4 CHAIRMAN JACZKO: Okay.

5 MR. DORMAN: Any others?

6 MALE PARTICIPANT: Yes, Chairman, I will  
7 just tell you that the press calls are just starting  
8 to come in. I just had a call as we were chatting, a  
9 request for an interview.

10 For the time being, I think it's best that  
11 you stay where you are, while we see what develops  
12 with the White House and whether we can hook up with  
13 FEMA, for anything they might have cooking.

14 CHAIRMAN JACZKO: Have you reached out to  
15 the White House, again?

16 MALE PARTICIPANT: Yes.

17 CHAIRMAN JACZKO: What have they told you?

18 MALE PARTICIPANT: I have not heard back  
19 from them yet.

20 CHAIRMAN JACZKO: Okay, if you can  
21 continue to try and get some contact there.

22 MALE PARTICIPANT: I will get busy.

23 CHAIRMAN JACZKO: Okay, and I did get just  
24 an email, high level, in response to Margie's email,  
25 to at least our counterparts at JNAS, and I'll just

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1 reiterate to you, I think an important point, not that  
2 I think we've been ignoring this.

3 But they essentially indicated they did  
4 not need assistance and were dealing with their  
5 issues.

6 So, to the extent that they can do that --  
7 you know, so, that we don't bombard them with requests  
8 and things like that.

9 MALE PARTICIPANT: Okay.

10 CHAIRMAN JACZKO: The other request too,  
11 is that we also consider sending some -- one or more  
12 people with technical expertise, perhaps down to the  
13 Hill office, so that in the event we do need to engage  
14 on any kind of public communications down here, that  
15 there are -- there is someone I can take with me, with  
16 technical expertise.

17 MR. BORCHARDT: Yes, Chairman, it's Bill.  
18 Are you talking in addition to being able to just call  
19 back up here?

20 CHAIRMAN JACZKO: Yes.

21 MR. BORCHARDT: Do you want somebody to be  
22 able to go to a press conference with you?

23 CHAIRMAN JACZKO: Yes, a physical body.

24 MR. BORCHARDT: Okay, we can certainly  
25 look at that. I guess, falling on the weekend, if we

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1 don't have any weather or traffic or anything, you  
2 think, you know, the 30 minutes it would take to get  
3 downtown would -- is too long, to respond?

4 I mean, the idea is having somebody here  
5 who could be -- it's a little easier to stay up to  
6 speed, and --

7 MALE PARTICIPANT: Yes, and the --

8 CHAIRMAN JACZKO: Go ahead, sorry.

9 MR. BORCHARDT: Well, I'm just saying, if  
10 they're here in the ops center, with tie on, ready to  
11 go, but they're -- it's a lot easier to stay up to  
12 speed on what's going on, and then just drive  
13 downtown, real fast, rather than having to just get  
14 updates and get more and more disconnected from being  
15 in a remote office.

16 CHAIRMAN JACZKO: Yes, that's fine, then  
17 let's just have somebody prepared to go, quickly, and  
18 lean very far forward. If it looks like that we're  
19 going to have to engage, then let's have somebody come  
20 down.

21 I think -- and again, from a practical  
22 reality, we don't really have a lot of information.  
23 We're not likely going to get a lot of information.

24 So, it will mostly just be so that I have  
25 someone helps me with the questions, that we're not

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1 prepared for.

2 MR. BORCHARDT: Okay.

3 [REDACTED]  
4 [REDACTED]  
5 [REDACTED]  
6 So, we're sharing a little bit with them,  
7 but obviously, pretty limited.

8 CHAIRMAN JACZKO: Okay.

9 MR. MORRIS: But you know, the inquiries  
10 are starting to come in. [REDACTED]

11 [REDACTED]  
12 [REDACTED]  
13 MR. VIRGILIO: Chairman, this is Marty.  
14 Last night, we had to open some lines of communication  
15 with INPO, as well as NEI, and they were giving us  
16 information that they were receiving from WANO.

17 CHAIRMAN JACZKO: And are we getting --  
18 are we getting any communications from the White House  
19 about either briefings or meetings?

20 MALE PARTICIPANT: No, we have not.

21 MR. VIRGILIO: No, nothing yet.

22 MALE PARTICIPANT: They've only asked us  
23 for information. They haven't said anything about  
24 meetings or briefings.

25 CHAIRMAN JACZKO: Okay.

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1 MALE PARTICIPANT: I suspect that they  
2 will be doing their morning briefings, based on what  
3 we told them, and then those decisions will get made.

4 CHAIRMAN JACZKO: Okay, well, again, let's  
5 -- I just want to make sure that we continue to be in  
6 the loop, so that mis-information does not get  
7 propagated through the Federal family.

8 MR. DORMAN: Yes, sir.

9 CHAIRMAN JACZKO: Okay, all right,  
10 anything else, at this point?

11 MALE PARTICIPANT: What do you want to do,  
12 or what do we have set up, to keep you informed?  
13 We're doing regular briefs with the Chairman, or are  
14 they pre-scheduled, or just ad hoc?

15 MR. DORMAN: This one was pre-scheduled.  
16 What we had -- what they left us with last night was,  
17 any significant break in a positive or negative  
18 direction, assuming we had the explosion, we called  
19 him up and so, we had some ongoing interaction between  
20 four and five o'clock, and then we called in for this.

21 But that's what we've been doing.  
22 Chairman, any preference on the next contact,  
23 concerning other issues?

24 CHAIRMAN JACZKO: I would suggest every  
25 hour, just a call to me, either on this number, which

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1 is my home number, or my BlackBerry, and just with a  
2 quick update for any changing information, and then  
3 just monitor your emails, as well.

4 I'm trying to deal with email messages.  
5 I'll forward them to you, if I need to, and but  
6 otherwise, yes, let's just proceed that way.

7 MR. DORMAN: All right.

8 CHAIRMAN JACZKO: At this point, I guess I  
9 would take the sense of the group is for me not to  
10 come up there, that if we do need to do  
11 communications, it's easier for me to be here than to  
12 be up in Rockville?

13 MALE PARTICIPANT: Yes, I don't really  
14 think there's a whole lot for you to do, and if you  
15 need to respond, it's going to be responding to  
16 downtown.

17 CHAIRMAN JACZKO: Yes.

18 MALE PARTICIPANT: So, it just prevents a  
19 cycle of travel.

20 CHAIRMAN JACZKO: Good, yes, okay, I  
21 agree.

22 MALE PARTICIPANT: Okay.

23 CHAIRMAN JACZKO: Okay, anything else?

24 MALE PARTICIPANT: I don't think so.

25 CHAIRMAN JACZKO: Okay, good. Well, I

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1 appreciate it, everybody, and keep up the good work.

2 MALE PARTICIPANT: All right, talk to you  
3 later.

4 MR. DORMAN: Okay.

5 CHAIRMAN JACZKO: Thanks, bye.

6 (CONFERENCE CALL CONCLUDED)  
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1 (CONFERENCE CALL INITIATED)

2 OPERATIONS OFFICER: The Chairman is  
3 joining the conference.

4 CHAIRMAN JACZKO: Hello.

5 MR. VIRGILIO: Good morning, Chairman.  
6 This is Marty Virgilio.

7 CHAIRMAN JACZKO: Hello, I'm just going to  
8 keep a line on here, just so I can kind of listen in  
9 on what's going on there, and I sent a couple of --  
10 I'm sending emails in. I just want to make sure that  
11 that's an effective way to get a hold of you.

12 MR. VIRGILIO: I will make sure.

13 CHAIRMAN JACZKO: I sent them to Bill, so,  
14 should I forward them to you instead?

15 MR. VIRGILIO: Yes, just copy Bill and I,  
16 or just send them to me.

17 CHAIRMAN JACZKO: Okay.

18 MR. VIRGILIO: Bill and I took over at  
19 three o'clock this afternoon.

20 CHAIRMAN JACZKO: Okay, okay, didn't  
21 realize.

22 MR. VIRGILIO: I'm here now.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: So, I can take care of  
25 that. We also saw a very confusing message email from

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1 Japan that OIP got.

2 CHAIRMAN JACZKO: Okay.

3 MR. VIRGILIO: Which talked about the same  
4 explosion, saying that they still had containment.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: But that the explosion may  
7 have been due to hydrogen.

8 So, I think maybe they mean containment as  
9 a primary -- the reactor vessel.

10 CHAIRMAN JACZKO: Okay, but secondary  
11 containment?

12 MR. VIRGILIO: Yes, versus the containment  
13 shell that we normally talk about, when we talk about  
14 containment.

15 CHAIRMAN JACZKO: Okay.

16 MR. VIRGILIO: So, it's an email that we  
17 got, that's almost unusable, because it's internally  
18 and consists of --

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: -- highly (inaudible)  
21 vocabulary.

22 CHAIRMAN JACZKO: Well, I forwarded you  
23 one that I got from DOE, which it may make a little  
24 bit more sense, and it indicates that it was result  
25 that the after-shock, that they did, in fact, have a

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1 hydrogen explosion in the reactor building.

2 MR. VIRGILIO: Okay, that's a little  
3 confused.

4 CHAIRMAN JACZKO: Yes, yes.

5 MR. VIRGILIO: If they would have said  
6 turbine building, then I might have been --

7 BILL: Right.

8 MR. VIRGILIO: -- able to make that  
9 connection, but what we're seeing, in terms of the  
10 footage, looks like the secondary containment.

11 CHAIRMAN JACZKO: Yes, yes.

12 MR. VIRGILIO: But I'm not sure that you  
13 would see hydrogen spill in that area.

14 CHAIRMAN JACZKO: In there, right.

15 BILL: And there is no fires lingering in  
16 the after-footage, as to what we got on turnover.

17 CHAIRMAN JACZKO: Yes.

18 BILL: So, it looked more like a steam  
19 pressure release, as opposed to a hydrogen --

20 CHAIRMAN JACZKO: Ignition?

21 BILL: -- ignition, right.

22 CHAIRMAN JACZKO: Well, Bill, I forwarded  
23 that to you and -- that email, and then if you can --  
24 the other one I forwarded to is -- there was reference  
25 to an eight o'clock call or decision about a noon, I'm

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1 assuming, a Deputy's call.

2 So, if we can just confirm that we're  
3 getting information about those things.

4 BILL: I'll check into that, Chairman.

5 CHAIRMAN JACZKO: Okay, great, then I'll  
6 just -- I'll keep this as an open line then, here.  
7 I'll put you on 'mute' from my end, or I'll put my  
8 cell phone on 'mute', but I'll just keep listening in  
9 that way.

10 MR. VIRGILIO: Okay, sir, we're ready to  
11 join in the Commissioner assistance, for a briefing.

12 CHAIRMAN JACZKO: Okay, great. Thanks.

13 MR. VIRGILIO: Operations officer?

14 OPERATIONS OFFICER: We hear you, sir,  
15 we're joining the conferences now.

16 MR. VIRGILIO: Thank you.

17 OPERATIONS OFFICER: Good morning, this is  
18 the headquarters operations officer. We will now  
19 conduct a roster playback for the Commission's  
20 assistance briefing, for the situation in Japan.  
21 Stand by until the roster playback is complete.

22 (CONFERENCE PARTICIPANTS: Headquarters  
23 Operations Officer, FSME, Brian Smith, Alan Thornhill,  
24 Elena Galloway, Randy (inaudible), Gregory Super, A.  
25 Cook, Cynthia Peterson, Billy Dixon, Mark Satorius,

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1 Public Affairs, Region III, Mike Snodderly, Greg  
2 Warnick, Ed Kaffleman, Mike Franovich, N. Hart, Eric  
3 Leeds, Charles Neller)

4 MR. VIRGILIO: Good morning, this is Marty  
5 Virgilio, and I just wanted to provide you an update.

6 For those of you who were not on the line  
7 at 11:15 p.m. last night, let me just repeat some of  
8 what we were -- facts, as we knew them, at that time,  
9 and then I'll just bring you up to speed with what we  
10 have, since then.

11 As of last night, where we were was, we  
12 were focused on the Fukushima Daiichi Units 1 and 2,  
13 who had experienced loss of offsite power, were able  
14 to start the emergency diesel generators for some  
15 period of time, and what we believe to be a loss of  
16 fuel supply to the diesels. The diesels shut down,  
17 so, they entered a station black-out.

18 As of last night, we were seeing  
19 increasing containment pressure, then we were under  
20 the understanding that the licensee was doing  
21 something controlled venting.

22 At that point in time, we knew that GE had  
23 done some reach back to Exelon, and they were asking  
24 them to do some scenarios for addressing (inaudible)  
25 City.

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1           We also, at that time, started to assemble  
2 a Federal support team, to provide the technical  
3 assistance and at that point in time last night, we  
4 were going to be providing NRC support to that team.

5           We were developing Q's and A's, and we  
6 were starting to respond to media inquiries, and had a  
7 couple of press releases.

8           So, that's where we left off last night.  
9 What's happened since that time, as -- if you've seen  
10 the television, you've seen the steam -- is what we  
11 believe to be a steam explosion, and that occurred at  
12 about 3:46 this morning, our time, and that is -- that  
13 affected Unit 1, and we believe that it was the  
14 secondary containment building.

15           We believe it was a steam explosion, and  
16 not the reactor. So, anything having to do with the  
17 reactor, that this is all supposition, just watching  
18 the videos and using our best judgment about the  
19 design of the plant.

20           We understand from various sources, that  
21 they had connected some emergency power and they were  
22 doing some make-up and the level was being maintained,  
23 but that loss of secondary containment, as you can see  
24 from the television video clips, does expose the spent  
25 fuel now, to the environment, provides an unfiltered

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1 path and could be providing an unfiltered path from  
2 the containment to the environment.

3 We really are -- I would say that our  
4 information sources this morning are not much better  
5 than what we had last night, and so, we're getting  
6 various information from various sources, most of  
7 which is either conflicting or supporting the little  
8 bit of information that we actually have.

9 Here in the ops center, we continue to  
10 develop talking points and Q's and A's, for the  
11 Chairman to use. We've established, or are in the  
12 process of establishing a watch-build, that will take  
13 us out through Tuesday morning, and that will include  
14 the reactor safety team, protective measures team and  
15 a liaison team.

16 And we're providing updated situation reps  
17 to the -- reports to the Department of Homeland  
18 Security, and have had some dialog with staff at the  
19 White House.

20 I think that pretty much covers what we  
21 know today. Let me ask Brian if there is anything  
22 else that we have.

23 MR. SMITH: That's about it.

24 MR. VIRGILIO: Okay, that's about where we  
25 are. Let me see if we can respond to any questions

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1 that you might have.

2 MALE PARTICIPANT: When do you expect the  
3 team to be on -- in Japan?

4 MR. VIRGILIO: I think they were -- Tony  
5 Ulises is on the flight with USAID, and their ETA is  
6 9:00 p.m. eastern time. That would be an arrival  
7 point in -- about 400 kilometers north of the disaster  
8 in Japan, and then they would need to transport from  
9 there, wherever the team goes from that.

10 But we'll get in touch with Tony, once he  
11 gets on the ground.

12 MALE PARTICIPANT: And Jim Trapp is  
13 departing for Dulles Airport, now. He has an 11:20  
14 flight, direct from Dulles to Narita, and that should  
15 touch down approximately 13 hours, subsequently.

16 MALE PARTICIPANT: Thank you.

17 MR. VIRGILIO: Any other questions? Okay,  
18 unless there is a significant change in conditions,  
19 we'll do the next periodic call at 3:30 this  
20 afternoon.

21 MALE PARTICIPANT: Thank you.

22 OPERATIONS OFFICER: This is the  
23 headquarters operations officer. Everyone can access  
24 the call, using the same method you did for this call.

25 (CONFERENCE CALL CONCLUDED)

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1  
2 (CONFERENCE CALL INITIATED)

3 CHAIRMAN JACZKO: Marty?

4 MR. VIRGILIO: Yes, Chairman.

5 CHAIRMAN JACZKO: Did you get any updates  
6 about the eight o'clock?

7 MR. VIRGILIO: No, we're checking.

8 CHAIRMAN JACZKO: Okay.

9 BILL: Chairman, there is also -- I got  
10 one of the emails that you sent, but not the second  
11 one.

12 CHAIRMAN JACZKO: Okay.

13 BILL: So, if you could resend that to me,  
14 that would be helpful. I think something slipped  
15 through the cracks.

16 CHAIRMAN JACZKO: Which one did you --

17 BILL: Yes, let me make sure that I get it  
18 right, here. It's the one about -- I think it's maybe  
19 from [REDACTED]

20 CHAIRMAN JACZKO: Okay.

21 BILL: -- about being in the (inaudible),  
22 that was the title.

23 CHAIRMAN JACZKO: Okay.

24 BILL: The other one, I didn't get.

25 CHAIRMAN JACZKO: Okay, I'll forward it to

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1 you. That's the one that has some updated information  
2 from the site, or from the Japanese. I'll forward  
3 that to you right now.

4 BILL: Okay, thank you.

5 CHAIRMAN JACZKO: Sure.

6 MR. VIRGILIO: This is Marty, Chairman.

7 CHAIRMAN JACZKO: Did Bill get the email?

8 MR. VIRGILIO: I have gotten an email from  
9 you.

10 CHAIRMAN JACZKO: Okay, good.

11 MR. VIRGILIO: Thanks, so, we are  
12 connected.

13 CHAIRMAN JACZKO: Okay, good, excellent.  
14 Thanks.

15 MR. VIRGILIO: Okay.

16 CHAIRMAN JACZKO: And no -- we haven't  
17 done anything else about this eight -- so, I'm  
18 assuming we weren't informed about this eight o'clock  
19 call?

20 MR. VIRGILIO: We're continuing to follow  
21 up. They are following up on it, now.

22 CHAIRMAN JACZKO: Okay, good.

23 MR. VIRGILIO: But as of right now, we  
24 believe the next Deputy's call is at noon.

25 CHAIRMAN JACZKO: Okay, okay, good.

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1 MR. VIRGILIO: And what we're trying to  
2 find out is if there is some movement to accelerate  
3 that schedule and move up that call.

4 CHAIRMAN JACZKO: Okay, good, thanks.

5 MR. VIRGILIO: Okay.

6 (CONFERENCE CALL CONCLUDED)  
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1  
2 (CONFERENCE CALL INITIATED)

3 MALE PARTICIPANT: Chairman, are you still  
4 on the line?

5 CHAIRMAN JACZKO: Yes.

6 MALE PARTICIPANT: Okay, Mike?

7 MIKE: Yes, Chairman, I called out of the  
8 White House situation room, to find out if there was a  
9 briefing scheduled.

10 The person I talked to down there said  
11 that there had been no briefing scheduled at this  
12 point.

13 CHAIRMAN JACZKO: Okay.

14 MIKE: There would probably be one later  
15 in the day, but at this point, he said there was none  
16 scheduled.

17 CHAIRMAN JACZKO: Okay, okay, great, and  
18 we feel comfortable that we're in the loop, if it is  
19 scheduled?

20 MIKE: Yes, I mean, we've been in contact  
21 with them tonight on several points. So, I think that  
22 they would include us.

23 CHAIRMAN JACZKO: Okay, good.

24 MALE PARTICIPANT: Thanks, Mike.

25 CHAIRMAN JACZKO: Thanks.

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1 (CONFERENCE CALL CONCLUDED)

2 (CONFERENCE CALL INITIATED)

3 OPERATIONS OFFICER: Headquarters  
4 Operation Officer, the Chairman will be joining the  
5 conference.

6 CHAIRMAN JACZKO: Hello.

7 MALE PARTICIPANT: Yes, Chairman.

8 CHAIRMAN JACZKO: How are you? I think I  
9 dropped you on the bridge.

10 Just thinking a little bit ahead, if we --  
11 if there is -- now, at this point, there doesn't seem  
12 to be any press activity, and given that we may do a  
13 noon Deputy's call, so, I'm wondering if you have  
14 change in the recommendation for me to stay down here,  
15 or whether I need to get up there.

16 MALE PARTICIPANT: Well, the last message  
17 that we had received, you know, from the White House,  
18 that they -- they couldn't even confirm that there was  
19 a noon call, yet.

20 CHAIRMAN JACZKO: Okay.

21 MALE PARTICIPANT: So, we'll continue to  
22 pulse that.

23 CHAIRMAN JACZKO: Okay.

24 MALE PARTICIPANT: And let you know. I  
25 mean, you're more than welcome to come up. We're just

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1 thinking that you might wind up having to go back down  
2 again.

3 CHAIRMAN JACZKO: Yes, well, I'll stay  
4 here for a little while. If it looks like there is  
5 going to be a noon call, I think it's probably,  
6 despite everything, it would be easier for me to get  
7 up there, than it is for me to try and figure out a  
8 way to do that call, either getting into somebody  
9 else's ops center, or somebody else's -- or into the  
10 situation room or, it's probably just easier to do it  
11 from the NRC.

12 MALE PARTICIPANT: Okay.

13 CHAIRMAN JACZKO: Okay, well, good.  
14 Well, keep me posted, if you have any changes in that.

15 MALE PARTICIPANT: Okay, thanks.

16 CHAIRMAN JACZKO: Okay, thanks. Anything  
17 else, at this point?

18 MALE PARTICIPANT: No, no new information.

19 CHAIRMAN JACZKO: Okay, thanks.

20 MALE PARTICIPANT: Okay.

21 CHAIRMAN JACZKO: Bye.

22 (CONFERENCE CALL CONCLUDED)  
23  
24  
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1  
2  
3 (CONFERENCE CALL INITIATED)

4 MR. VIRGILIO: Chairman, this is Marty  
5 Virgilio. Are you on the line?

6 (OTR comments)

7 OPERATIONS OFFICER: Gentlemen, we have  
8 [REDACTED] available, and are transferring him to the  
9 bridge, at this time.

10 [REDACTED] you're on the conference,  
11 now.

12 [REDACTED] Yes, okay, who is this? Who  
13 am I speaking with, please?

14 MR. VIRGILIO: [REDACTED] this is Marty  
15 Virgilio, again.

16 [REDACTED] Okay.

17 MR. VIRGILIO: I just wanted to -- we've  
18 got a number of people in the room with me, Dave Sheen  
19 and others that are doing some calculations, or trying  
20 to do an assessment of this. I just wanted to make  
21 sure he heard this, first hand.

22 [REDACTED] What I wanted to do, Marty,  
23 was reach out to you, as we talked yesterday, and I  
24 know Dave -- or excuse me, [REDACTED] followed up.

25 MR. VIRGILIO: Yes.

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1 [REDACTED] You know, we've been working  
2 pretty hard to get some reliable communication links  
3 in Japan, and I think we now have that pretty well  
4 set, through the WANO Tokyo center and their direct  
5 contacts with TEPCO, and with the London Center for  
6 WANO.

7 Additionally, EPRI had -- and this is more  
8 coincidental than by process, has a -- you know, had a  
9 team at TEPCO, and they've also provided, I'll say,  
10 more confirmatory information.

11 The second thing that we've done is, and  
12 we've had -- we had a conference call last night.  
13 We've had another conference call this morning, with  
14 the WANO London Center, Atlanta Center, EPRI and NEI,  
15 in terms of organizing, you know, any sort of industry  
16 response, and just to make you aware that that is  
17 ongoing.

18 You know, as we kind of piece together  
19 information and get the story, is that we will provide  
20 an update for the CNO's and the INPO and EPRI --  
21 excuse me, INPO and NEI Board, probably early this  
22 afternoon, on what's going on.

23 There has been no request for assistance  
24 or anything from either the WANO Tokyo Center or for  
25 TEPCO, but you know, we are looking as to what

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1 industry resources might be available, and to you  
2 know, just be in a pre-emptive position if, in fact,  
3 they are requested.

4 And so, what I really want to do is, the  
5 emergency response center at INPO is fully staffed  
6 right now, and NEI is staffing their emergency  
7 response center.

8 As you might imagine, they're getting  
9 quite a few, you know, requests for media engagement  
10 and INPO is and EPRI is, but to a much lesser degree,  
11 but that's all being funneled through, as you might  
12 imagine, NEI.

13 So, what I wanted to do was, you know,  
14 just in terms of this, so you know what we know, is to  
15 figure out, you know, would there be an appropriate --  
16 you know, just kind of piece these together.

17 I'm sure you have your sources of  
18 information and how you're learning about the events  
19 as they emerge, and you know, just to make sure you  
20 have as complete of a story as we do, what we do, as  
21 you do.

22 We're kind of reaching out, to see how we  
23 might want to move forward on the -- you know, kind of  
24 the events, as they transpire, and as you look at any  
25 sort of U.S. response, you know how the U.S. industry

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1 could support what you're doing, would be something  
2 we'd be of, you know, most interested in.

3 MR. VIRGILIO: Great, great, and through  
4 of our Office of International Programs, we've  
5 actually reached out to our counterparts in Japan, and  
6 they've basically, at this point, told us, "Thanks, we  
7 don't need any additional assistance at the moment."

8 There is a U.S. team en route to Japan  
9 right now, and we've got -- I don't know if you know  
10 Tony Ulses, who is one of our BWR experts, reactor  
11 systems expert, is a part of that team, and we're  
12 sending Jim Trapp, one of our Region I BWR experts, on  
13 a separate plane, on his way to Japan, as well.

14 [REDACTED] I see. This U.S. team, is  
15 that going under like the Department of State, or what  
16 is the --

17 MR. VIRGILIO: Yes.

18 [REDACTED] What are the auspices of  
19 that?

20 MR. VIRGILIO: USAID, Department of State.

21 [REDACTED] I see.

22 MR. VIRGILIO: And that has a very broad,  
23 team. You know, I understand there is some 70 people  
24 that have been assembled. Nader?

25 MR. MAMISH: It's more disaster oriented

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1 team, as opposed to a nuclear expert team.

2 [REDACTED] Okay, I understand.

3 MR. VIRGILIO: Thanks for that  
4 clarification, Nader. I mean, I think that, you know,  
5 as far as nuclear plant operations, commercial issues,  
6 that the only person on that team, well, there will be  
7 two people on the team, eventually, when Jim gets  
8 there, it would be Tony and Jim --

9 [REDACTED] I see, and Tony's last name,  
10 what did you say it was, Olsen? It cut out there.

11 MR. VIRGILIO: U-L-S-E-S, Ulses.

12 [REDACTED] Ulses?

13 MR. VIRGILIO: Yes.

14 [REDACTED] Very good.

15 MR. VIRGILIO: And DOE has sent one  
16 person?

17 MALE PARTICIPANT: One person.

18 MR. VIRGILIO: They're on the team, as  
19 well.

20 [REDACTED] Okay. Again, you know, the  
21 protocols I'm, you know, not at all familiar with, but  
22 I know I've gotten calls from several U.S. CNO's, that  
23 have expressed, you know, if there was a need for  
24 help, you know, they're certainly ready to help, in  
25 any fashion that either you, you know, or the Japanese

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1 might think appropriate.

2 MR. VIRGILIO: Okay, that's very  
3 supportive. Thank you.

4 Now, I also heard, and I don't know this  
5 first hand, that GE has been involved in this, and  
6 they've convened a team to provide technical support  
7 to the Japanese.

8 [REDACTED] Yes, I'm going to reach out  
9 to them, also. We have heard that, also, that they  
10 are doing that, but I don't know the extent of that.

11 MR. VIRGILIO: Yes, Bill, we don't either,  
12 but just -- you know, we just picked that information,  
13 as we've gone through.

14 MALE PARTICIPANT: I believe they have a  
15 team of people on the ground already, doing routine  
16 work.

17 MR. VIRGILIO: Okay.

18 MALE PARTICIPANT: They've been  
19 mobilizing, also, their resources, because they've  
20 gotten 60 to 75 people on the ground.

21 MR. VIRGILIO: Can you hear that, Bill?

22 [REDACTED] I did not hear that.

23 MALE PARTICIPANT: Go ahead.

24 MALE PARTICIPANT: I believe GE, we've  
25 been in touch with them throughout the night. They

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1 have a team of people, I believe, in Japan, already,  
2 helping with refueling outages, or the other non-  
3 affect units that have been in a refueling outage for  
4 a while, now.

5 So, we've been in touch with them.  
6 They've been working with Exelon, to do some simulator  
7 runs, on some different scenarios and so forth, as  
8 well.

9 So, GE is active. They've got a team  
10 that's actively working on this.

11 [REDACTED] Okay, that's -- I had heard  
12 that they were working with Exelon on that. So,  
13 that's very good.

14 MALE PARTICIPANT: Yes.

15 [REDACTED] That's very good.

16 MALE PARTICIPANT: We had some conference  
17 calls with Exelon and GE last night.

18 [REDACTED] Marty, would it be worth  
19 while, you know, we've -- and I'm probably not the  
20 right direction, to kind of go through what we see as  
21 the current status, but I probably could get our  
22 folks.

23 You know, we've just had the briefing from  
24 the former Tokyo Center Director in London, go through  
25 this status in pretty good detail.

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1           You know, so, that I didn't -- don't  
2           garble it, would it be worth while, maybe, for --  
3           having one of our people call you and at least, tell  
4           you what we know, technically?

5           MR. VIRGILIO: That would be great. We  
6           would really appreciate that, because we're getting  
7           bits and pieces of information, and some of it  
8           supports other information we're received.

9           So, if we could have the call come in to  
10          the ops center.

11          MALE PARTICIPANT: Yes, 301-816-5100.

12          [REDACTED] That's 301-816-5100?

13          MALE PARTICIPANT: That's correct.

14          [REDACTED] Okay, maybe I'll give them a  
15          call then, in Atlanta, and we'll give you a call back,  
16          you know, within the next -- it will probably take us  
17          -- we're still getting everything set in Atlanta, but  
18          probably within the next hour. Would that be  
19          acceptable?

20          MR. VIRGILIO: That would be great, [REDACTED]

21          Who would we be looking for?

22          [REDACTED] [REDACTED]  
23          MR. VIRGILIO: Oh, [REDACTED] would call back,  
24          great, okay.

25          [REDACTED] And it may not be exactly

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1 him. It's liable to be, you know, a couple of our --  
2 we have a couple of TEPCO liaison engineers and you  
3 know, in Atlanta, right now, and so, it probably would  
4 be a couple of other people, but Rob will be the point  
5 of contact.

6 MR. VIRGILIO: That would be good, and  
7 then we can share with Rob, what we've picked up via  
8 email, which is older, but we've gotten some  
9 information from the Chairman of the Japanese Atomic  
10 Energy Commission.

11 [REDACTED] Okay, well, that would be  
12 very worth while for us, also. So, I'll have Rob give  
13 you a call. 6

14 MR. VIRGILIO: Okay.

15 [REDACTED] And he'll call this 301  
16 number, and we can kind of go from there. 6

17 MR. VIRGILIO: Thanks a lot, [REDACTED]

18 [REDACTED] Okay, thanks, guys.

19 MR. VIRGILIO: All right, bye.

20 (CONFERENCE CALL CONCLUDED)  
21  
22  
23  
24  
25

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1  
2  
3 (CONFERENCE CALL INITIATED)

4 OPERATIONS OFFICER: This is the  
5 headquarters operations officer. Can I help?

6 MR. McDERMOTT: Yes, this is Brian  
7 McDermott. We're anticipating in the next hour or so,  
8 a call in from INPO, down in Atlanta. It may be [REDACTED]  
9 [REDACTED] or some other liaison engineers from TEPCO.

10 They were calling to just share  
11 information with us on the events, they know in Japan.

12 So, I just wanted you to anticipate that call in, and  
13 connect them with the executive team, when they do  
14 call.

15 OPERATIONS OFFICER: Okay, sir, what is  
16 that last name, again, please?

17 MR. McDERMOTT: I heard it as [REDACTED]  
18 [REDACTED] but that may not be -- that's phonetic.

19 MALE PARTICIPANT: As long as it's INPO.

20 MR. McDERMOTT: Yes.

21 OPERATIONS OFFICER: All right, sir. Yes,  
22 we understand, gentlemen, and we will announce them,  
23 as we did previously, and then transfer them directly  
24 to the conference.

25 MR. McDERMOTT: All right, thank you.

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1 OPERATIONS OFFICER: Okay.

2 (CONFERENCE CALL CONCLUDED)

3

4 (CONFERENCE CALL INITIATED)

5 MR. VIRGILIO: Operations officer?

6 OPERATIONS OFFICER: Yes, sir.

7 MR. VIRGILIO: We'd like to reach out to  
8 the Chairman.

9 MALE PARTICIPANT: At his residence. Do  
10 you have his number there?

11 OPERATIONS OFFICER: All right, I  
12 understand, call the Chairman at his residence.

13 Headquarters operations officer. The  
14 Chairman should be joining the bridge, shortly.

15 MR. VIRGILIO: Thank you.

16 CHAIRMAN JACZKO: Hello.

17 MR. VIRGILIO: Chairman, this is Marty  
18 Virgilio.

19 CHAIRMAN JACZKO: Hi, Marty.

20 MR. VIRGILIO: John Bryan, we're all here.

21 What we have just found out, that the Deputy's  
22 meeting is now at 11 o'clock this morning.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: It will be in the White  
25 House situation room.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: And we're working all the  
3 paperwork, to get you clear to go through for that  
4 meeting.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: I guess the question was,  
7 how can we support you for that?

8 We were thinking about putting together an  
9 electronic package of information, including our  
10 latest questions and answers, and background  
11 information, and sending it to you.

12 I assume you have a printer that you could  
13 print that off at home.

14 CHAIRMAN JACZKO: It's probably easier if  
15 somebody can get me a hard copy.

16 MR. VIRGILIO: Okay, okay, we can do that.

17 CHAIRMAN JACZKO: So, if we can get a hard  
18 copy to my residence.

19 MR. VIRGILIO: Okay, now, the question is,  
20 do you want somebody to accompany you to this meeting?

21 CHAIRMAN JACZKO: Yes, we should be able  
22 to have at least one person. So, whomever you think  
23 is the best.

24 MR. VIRGILIO: All right, we were thinking  
25 about a reactor safety team leader.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: And we will get Dave loaded  
3 up with the information and I guess, we'll get him to  
4 your house.

5 CHAIRMAN JACZKO: Okay, good, or if we --  
6 we'll have someone -- you can also just meet me at the  
7 White House, with -- and I'll just meet there, and if  
8 they have all the materials, then that would be the  
9 best.

10 MR. VIRGILIO: Maybe that would be best.

11 CHAIRMAN JACZKO: Okay.

12 MR. VIRGILIO: And we would have Dave then  
13 meet you there. We'll also make sure you that you  
14 reach out -- you each have each other's cell phone  
15 numbers.

16 CHAIRMAN JACZKO: Okay, good.

17 MR. VIRGILIO: So, that you can connect.

18 CHAIRMAN JACZKO: Okay, good, and if you  
19 can still send it to me electronically, so, I can go  
20 through it before then, that would be great.

21 MR. VIRGILIO: Okay, we're scanning  
22 everything in, now, all right?

23 CHAIRMAN JACZKO: Okay, good.

24 MR. VIRGILIO: Do you have anything?

25 MALE PARTICIPANT: No, I think that's

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1 about it. I've chatted with Josh about it.

2 CHAIRMAN JACZKO: Okay, that's good.  
3 Anymore updates, at this point?

4 MR. VIRGILIO: No, nothing definitive. I  
5 just got off the phone -- we got off the phone will  
6 [REDACTED] at INPO. They've manned up their  
7 operations center, and they're -- you know, they've  
8 gotten multiple offers from the nuclear industry, here  
9 in the United States, for support.

10 They're connected through WANO, both in  
11 Tokyo and WANO in London, and they're hearing roughly  
12 the same things that we're hearing, about core  
13 uncovering, some amount of fuel damage, some iodine  
14 cesium being detected.

15 The explosion, people are now sort of  
16 gravitating to a theory that this was a hydrogen  
17 explosion in the off-gas system, or in the reactor  
18 building.

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: And let's see, what we had  
21 heard, I think you saw the same emails I saw, about  
22 using fire trucks to provide cooling water.

23 CHAIRMAN JACZKO: Yes.

24 MR. VIRGILIO: I think unofficial sources  
25 are telling us that other suppression pools are

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1 heating up and starting to boil, as well.

2 CHAIRMAN JACZKO: Okay.

3 MR. VIRGILIO: So, that's about where we  
4 are.

5 CHAIRMAN JACZKO: Okay.

6 MR. VIRGILIO: INPO is going to give us a  
7 call back, within an hour or so, and give us all the  
8 technical details they have been able to pick up via  
9 WANO.

10 CHAIRMAN JACZKO: Okay, good, if you get  
11 any updates, if you can either send that to me  
12 electronically, or have that with Dave.

13 MR. VIRGILIO: Okay, we will.

14 CHAIRMAN JACZKO: Okay, and any updates on  
15 our two people who are in transit?

16 MR. VIRGILIO: We've heard from Tony, who  
17 is in LAX, they were loading up the airplane, maybe a  
18 half-hour ago, or so.

19 CHAIRMAN JACZKO: Okay.

20 MR. VIRGILIO: And Jim's flight was  
21 delayed.

22 CHAIRMAN JACZKO: Okay.

23 MR. VIRGILIO: And now, he's a four  
24 o'clock departure.

25 CHAIRMAN JACZKO: Okay.

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1 MR. VIRGILIO: So, that's where we are.

2 CHAIRMAN JACZKO: Okay, good. I  
3 appreciate it.

4 MR. VIRGILIO: Okay.

5 CHAIRMAN JACZKO: Okay, so, I will plan  
6 then on -- if you can give me an email confirmation,  
7 when you've got all the details worked out with  
8 credentialing, to get into the White House, and then -  
9 -

10 MR. VIRGILIO: All right.

11 CHAIRMAN JACZKO: -- I plan to meet there,  
12 I actually live probably about 15 minutes away from  
13 the White House, or five minutes away, it's very  
14 close.

15 MR. VIRGILIO: Right, okay.

16 CHAIRMAN JACZKO: But I would plan to --  
17 you can give me the information about which entrance  
18 and then, I plan to meet Dave there, probably about  
19 10:45 a.m.

20 MALE PARTICIPANT: Okay, yes, sir, I would  
21 suggest you try to arrive early, because there will be  
22 two check points you'll have to go through, and it's  
23 not always the quickest.

24 CHAIRMAN JACZKO: Okay, well, let's plan  
25 for 10:30 a.m., then.

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1 MR. VIRGILIO: Okay.

2 CHAIRMAN JACZKO: Okay, good.

3 MR. VIRGILIO: Eliot, do you have  
4 something?

5 MR. BRENNER: Yes, I just wanted to check,  
6 quickly.

7 We were going update our talking points,  
8 and I wanted to be able, with your permission, to  
9 mention publically that we have two people assigned to  
10 the USAID, to provide any assistance necessary.

11 CHAIRMAN JACZKO: Okay.

12 MR. BRENNER: And use that in our both  
13 talking points to a press release and a blog, and I  
14 think Becky had a question.

15 BECKY: Yes, I wanted to be able to send  
16 that information to all our Congressional staff  
17 contacts.

18 CHAIRMAN JACZKO: Yes.

19 BECKY: I'm just making sure that that was  
20 okay, that you had reached out to your Deputy's  
21 counterparts, and that we have somebody on the -- that  
22 we can call people on the team.

23 You know, we're monitoring the situation,  
24 in terms of the health effects in Alaska and Hawaii.

25 MR. BRENNER: I'm not sure we want to get

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1 down that road, just yet.

2 MALE PARTICIPANT: I don't think you want  
3 to be talking about health effects.

4 MR. BRENNER: Yes.

5 MALE PARTICIPANT: One, we haven't  
6 confirmed, there has been some large release from the  
7 facility, and the dispersion, certainly between there  
8 and U.S. coast, it's just incredible.

9 MR. BRENNER: Right, so, if confirmed that  
10 we've talked to the Japanese, that we have people on  
11 the team and the ability to talk to the Hill, and tell  
12 them that.

13 CHAIRMAN JACZKO: Yes.

14 MALE PARTICIPANT: Okay, sir.

15 CHAIRMAN JACZKO: For sure, I have no  
16 problem with telling that to the Hill. I don't want  
17 to be the first person publically, to talk about any  
18 teams that are going.

19 So, if AID or someone else has put out  
20 information about the teams going, then I'm  
21 comfortable indicating we have people on the teams.  
22 But if that would be the first person talking about  
23 that, then I don't want to get ahead of the rest of  
24 the Federal Government.

25 MR. BRENNER: Got you. We'll just say

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1 that we have people prepared to assist, if necessary.

2 CHAIRMAN JACZKO: Perfect.

3 MALE PARTICIPANT: Okay.

4 MALE PARTICIPANT: Mr. Chairman, do you  
5 want Josh to meet you there, also?

6 CHAIRMAN JACZKO: No, I don't think so,  
7 because we'll probably just have a limited number of  
8 people that will be able to get in. So, whoever just  
9 -- whoever gets cleared, and it's probably -- if you  
10 said Dave, that's probably more important.

11 MALE PARTICIPANT: Do you want us to try  
12 to get driver services, if you want to come back?

13 CHAIRMAN JACZKO: Yes, I mean, have them  
14 come down in a car, and then if we need to go back to  
15 the agency, then we can just go back from there.

16 MALE PARTICIPANT: Okay.

17 CHAIRMAN JACZKO: Or however, if he wants  
18 to use his own car, whatever, you can work that out,  
19 whatever the best thing is to do.

20 MALE PARTICIPANT: Yes, and then we'll  
21 have a hard copy, as well.

22 MALE PARTICIPANT: Yes, we'll send that  
23 before you leave.

24 MALE PARTICIPANT: Okay.

25 MR. VIRGILIO: All right, Chairman, we're

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1 just confirming. We're emailing the package that  
2 we're putting together, and we'll have a hard copy for  
3 you.

4 CHAIRMAN JACZKO: Okay, great.

5 MR. VIRGILIO: All right.

6 CHAIRMAN JACZKO: Thank you very much.

7 MR. VIRGILIO: All right, so, now, we need  
8 to get on that driver issue.

9 (CONFERENCE CALL CONCLUDED)

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1  
2  
3  
4 (CONFERENCE CALL INITIATED)

5 MR. VIRGILIO: Tony, are you on? Tony  
6 Ulises, are you on the line?

7 MR. ULSES: Yes, sir, I'm here.

8 MR. VIRGILIO: Okay, I have forwarded you  
9 an email, just so you're aware of what we were sending  
10 on.

11 MR. ULSES: Yes, so, I just want to make  
12 sure I understand my role there. Am I suppose to be  
13 embedded with the Government folks, or work directly  
14 with our folks?

15 MR. VIRGILIO: I would continue to take  
16 your lead from our folks, until directed otherwise.

17 MR. ULSES: Okay, I thought -- as I said,  
18 there was something in an email that came about, that  
19 I wanted to make sure I had -- I was absolutely clear  
20 in my instructions.

21 MR. VIRGILIO: Right, thanks for checking  
22 in, Tony, but we've gotten no separate instructions to  
23 have you to report to any other structure, than to the  
24 one that's being established as part of the team.

25 MR. ULSES: Okay, well, I'll stick with my

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1 original instructions, then, okay?

2 MR. VIRGILIO: All right, what's the  
3 status now? Are you -- you're in LAX, right?

4 MR. ULSES: Right, we're still on the  
5 ground at LAX. I'm expecting we'll be leaving here  
6 pretty soon.

7 MR. VIRGILIO: Okay, and what time then,  
8 would you arrive on site, or in Japan?

9 MR. ULSES: I think we're expected to be  
10 on the ground in Japan, I think they said about 9:00  
11 p.m. local time there. I'm not sure, exactly.

12 MR. VIRGILIO: Okay.

13 MR. ULSES: But that's what I think I read  
14 in one of these emails.

15 MR. VIRGILIO: All right, all the best to  
16 you. Be safe.

17 MR. ULSES: All right, Marty. All right,  
18 thank you.

19 MR. VIRGILIO: All right, bye.

20 (CONFERENCE CALL CONCLUDED)

21

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1  
2  
3  
4 (CONFERENCE CALL INITIATED)

5 OPERATIONS OFFICER: This is the NRC  
6 operations officer. I've got [REDACTED] I'm going  
7 to send him up to the bridge. 6

8 MR. VIRGILIO: All right, hang on, just a  
9 second.

10 OPERATIONS OFFICER: All right, we'll hang  
11 on. Let me know, and then I'll send him up.

12 (OTR comments)

13 MR. VIRGILIO: Okay.

14 OPERATIONS OFFICER: Can we send him up?

15 MR. VIRGILIO: Yes, please do.

16 OPERATIONS OFFICER: Okay, I'm going to  
17 send him to the executive team bride, that has Marty  
18 Virgilio and a host of other people.

19 [REDACTED] Okay, thank you. 6

20 MR. VIRGILIO: [REDACTED] this is Marty  
21 Virgilio, good morning.

22 [REDACTED] All right, thank you. 6

23 MR. VIRGILIO: Bob, good morning. It's  
24 Marty Virgilio.

25 [REDACTED] Good morning, Marty. I'm

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1 here with [REDACTED] [REDACTED] is our Director of WANO  
2 Center, Atlanta and President of Operations at INPO.

3 MR. VIRGILIO: Good morning, [REDACTED]

4 [REDACTED] Good morning, Marty. How are  
5 you?

6 MR. VIRGILIO: All right, how are you?

7 [REDACTED] Great.

8 [REDACTED] Marty, I got a call from  
9 [REDACTED] to give you a call, and your center, and  
10 share the information that we have. So, I'm ready to  
11 do that, if you guys are.

12 MR. VIRGILIO: Yes, please.

13 [REDACTED]: Okay, I'll start, a lot of  
14 this stuff, you probably know from last night, but  
15 what we understand, the main issue is that Unit 1 at  
16 Fukushima, they had a station black-out, loss of all  
17 AC power offsite and the diesels, too.

18 As a result, they were using isolation  
19 condensers, an isolation condenser plan to remove  
20 decay heat from the reactor.

21 They reached the heat capacity limit of  
22 the suppression pool and as a result, that's what  
23 drove containment pressures up, from what we  
24 understand, to about 120 pounds is the last psi, if  
25 the last information we had from last night.

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1           At that time, dose rates in the control  
2 room went up about a factor of 1,000. Our experts  
3 believe that's about 15 milli-rem per hour, but that's  
4 very unconfirmed, and eight times higher at the site  
5 boundary, at that time, which was just barely above  
6 zero.

7           Portable electric is at the site. We  
8 believe they have batteries that are hooked up to run  
9 the DC systems and the isolation condenser. They've  
10 requested four emergency diesel generators, and  
11 they're on their way.

12           [REDACTED] Three of them are onsite, but as  
13 of six this morning, none of them were hooked in, yet.

14           [REDACTED] Okay, and then as you  
15 probably saw on the news, the latest information,  
16 there was an explosion at the site, and what we  
17 understand, that it was a hydrogen explosion, outside  
18 of primary containment, but inside secondary  
19 containment.

20           Primary containment remains in tact, and  
21 the reactor remains in tact, from our reports.

22           [REDACTED] They've also successfully vented  
23 primary containment.

24           [REDACTED] Yes.

25           [REDACTED] Reduced the pressures by over 50

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1 percent.

2 [REDACTED] And so, we're not sure if  
3 that explosion was related to that venting or not, but  
4 we do know it was in the secondary containment.

5 When the explosion took place, we  
6 understand that the dose rate at the site boundary  
7 increased to 100 MR per hour, and then shortly after  
8 that, it dropped to 7 MR per hour.

9 Anything else, [REDACTED]

10 [REDACTED] Yes, we probably ought to  
11 mention that they had seen iodine and cesium, which is  
12 of course, indicates some fuel melt there, and  
13 information we got from TEPCO last night was that, you  
14 know, water level continues to drop because they have  
15 no make-up capability, and it was about 20 centimeters  
16 or three feet or so, below the top of active fuel.

17 That was the report we got this morning,  
18 around 6:30 a.m.

19 [REDACTED] That's right.

20 MR. VIRGILIO: We had heard some  
21 information, and I don't know how to piece this into  
22 what your just told me, that they were doing -- using  
23 fire trucks to supply make-up.

24 Have you picked up on anything along those  
25 lines?

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1 [REDACTED] Well, I'm not sure of the  
2 source, but we got a report that they are in the  
3 process of filling containment with borated sea water,  
4 and I'm not sure if they're using fire pumps to do  
5 that, or not.

6 MR. VIRGILIO: Okay.

7 [REDACTED] Okay, that's all the  
8 information we have on Unit 1.

9 We have some sketchier information on the  
10 other units, but let's finish up. Any other questions  
11 on Unit 1?

12 MR. VIRGILIO: No, and let me ask the  
13 folks around the table. Have we heard anything more,  
14 to add to the story on Unit 1?

15 MALE PARTICIPANT: Not as far as beyond  
16 that borated sea water, but are they still above their  
17 capacity limit, in the containment, do we know that?

18 [REDACTED] They're below design pressure,  
19 but it's still elevated.

20 MALE PARTICIPANT: Okay, all right, thank  
21 you.

22 [REDACTED] The condenser, the suppression  
23 pool there, you know, at saturation temperature, now.

24 So, they're having to deal with that  
25 problem, as well.

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1 [REDACTED] Yes, we had no report that  
2 they were able to lower suppression pool temperature.

3 MALE PARTICIPANT: But they are  
4 maintaining below design pressure at this time, that  
5 we think?

6 [REDACTED] Yes, that's Tokyo Center.

7 MR. VIRGILIO: Okay, so, it doesn't appear  
8 that we've got anything that we could add to the story,  
9 all right.

10 [REDACTED] Just so you know, we have  
11 some contacts that are in communication with TEPCO,  
12 both from EPRI and we have a liaison engineer here,  
13 that has some contacts.

14 So, we'll keep talking to you and keep you  
15 informed.

16 There is conference calls we're having  
17 with NEI and EPRI and the broader industry executives,  
18 Chief Nuclear Officers, and also, the INPO Board of  
19 Directors and the NEI Board of Directors.

20 So, there is communication and how we can  
21 support and what it means for the United States, those  
22 conversations are taking place.

23 MR. VIRGILIO: Okay, good. Yes, we're  
24 developing all the background information. Eliot  
25 Brenner has been interacting with some of the media,

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1 and the Chairman has been engaged, downtown in this,  
2 going back down again for another meeting, in about 45  
3 minutes.

4 [REDACTED] [REDACTED] Okay, and all our  
5 communication wit the media is going through NEI,  
6 obviously.

7 MR. VIRGILIO: Yes, I talked to Tony  
8 Pietrangelo this morning, and he had passed that on,  
9 and Eliot just walked in the room and so, he is aware  
10 of that, too.

11 [REDACTED] Okay.

12 MR. VIRGILIO: We're trying to keep all of  
13 our information coming out of Public Affairs, here at  
14 headquarters, and each of our releases is being  
15 coordinated with the Chairman, so, he is well aware,  
16 too.

17 [REDACTED] All right, very good. We've  
18 activated our emergency plan here at INPO, and NEI has  
19 also, and [REDACTED] and I are at the office, if you  
20 have any questions or need anything, you can call  
21 either one of us directly.

22 [REDACTED] We have video capability. I  
23 don't know if you guys have that, or want to exchange  
24 that information or not.

25 MR. VIRGILIO: We've got video

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1 conferencing, as well. I'm not sure how well it works  
2 in this room, but we're probably just as well off to  
3 use this phone. It's probably the best way to create  
4 information.

5 We've manned our operations center. We're  
6 running 24 hours, eight-hour shifts, so, at least up  
7 through Monday, right now, maybe deeper into the week,  
8 as things progress.

9 Did you have any additional information,  
10 with respect to Unit 2?

11 [REDACTED] Unit 3 has reached cold shut  
12 down, so, that's good news. Unit 2 has still not  
13 reached cold shut down, and its suppression pool has  
14 reached saturation temperature, as well. They're in  
15 the curve for that, and are working to try, you know,  
16 reduce the temperature there.

17 [REDACTED] And we understand Unit 2 has  
18 a (inaudible) system versus the isolation condenser.  
19 So, they might be in a little better shape up  
20 capability.

21 MALE PARTICIPANT: How are they cooling  
22 the suppression pool?

23 MR. VIRGILIO: The question was how are  
24 they cooling the suppression pool? Do they know?

25 [REDACTED] No.

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1 [REDACTED] No, we don't know. I think,  
2 you know, they don't have the emergency power, so, we  
3 would suspect suppression pool cooling is why -- they  
4 don't have it, and that's why the temperature is high.

5 MR. VIRGILIO: I'm sorry, could you repeat  
6 that? I lost it.

7 [REDACTED] We have no information,  
8 Marty, that they are cooling the suppression, and Dave  
9 elaborated that.

10 We also understand there is no AC power.  
11 So, unless they've figured out some other means, it  
12 would be difficult to establish cooling.

13 MR. VIRGILIO: Right, okay, good. Any  
14 other questions? Thank you. Thank you very much for  
15 the information. We really appreciate it.

16 [REDACTED] No problem. All right, take  
17 care. We'll be in touch.

18 MR. VIRGILIO: All right, thanks.  
19 (CONFERENCE CALL CONCLUDED)  
20  
21  
22  
23  
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5 (CONFERENCE CALL INITIATED)

6 OPERATIONS OFFICER: Mr. Virgilio, the  
7 Chairman will be entering the conference.

8 MR. VIRGILIO: All right.

9 OPERATIONS OFFICER: Chairman Jaczko,  
10 you're on the line.

11 MR. VIRGILIO: Chairman?

12 CHAIRMAN JACZKO: Yes.

13 MR. VIRGILIO: Marty, here.

14 CHAIRMAN JACZKO: Hi, Marty. One question  
15 I just wanted to follow up, before I go over to -- or  
16 I'm on my way right now, but before I get into the  
17 White House, is what is the status of the scenarios  
18 that we were running? Did we complete that work?

19 MR. VIRGILIO: I had asked, when I came in  
20 this morning, and we had run some scenarios, and we  
21 were showing that it depends on your assumptions, of  
22 course.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: But if you assume a  
25 severely damaged core, you could go well -- you could

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1 go beyond the PAGS at 50 miles.

2 CHAIRMAN JACZKO: Okay.

3 MALE PARTICIPANT: That was with no  
4 containment.

5 MR. VIRGILIO: Right.

6 CHAIRMAN JACZKO: Okay.

7 MR. VIRGILIO: But if that works, I guess  
8 we could calculate last night.

9 CHAIRMAN JACZKO: Okay.

10 MALE PARTICIPANT: And what we have been  
11 saying since -- and I'm not sure when we caught up  
12 with you last, Chairman, but it's more and more  
13 looking like there was a hydrogen event in the  
14 secondary containment, and that indications are that  
15 the primary system and the primary containment, for  
16 both spill and (inaudible).

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: That's the best we  
19 have, right now.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: Just to add to that, we're  
22 also hearing, through WANO/INPO connection, that there  
23 is iodine and cesium detected. So, it means that they  
24 did suffer some core damage.

25 CHAIRMAN JACZKO: Okay.

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1 MR. VIRGILIO: And that the water level is  
2 below the top of the active fuel.

3 They had requested some additional  
4 electrical support. They were delivered three out of  
5 four requested emergency diesel generators, but per  
6 INPO, the generators had still not yet been connected.

7 CHAIRMAN JACZKO: Okay.

8 MR. VIRGILIO: At the time that they had  
9 that hydrogen explosion, what they were seeing is  
10 readings on the order of 100 milli-rem per hour, at  
11 the fence post, and we've -- Nader has just picked up  
12 that, through the Japanese, our Japanese equivalents,  
13 they're saying that now the dose at the site boundary  
14 is 50 milli-rem per hour.

15 CHAIRMAN JACZKO: Okay, so, it would  
16 appear to be decreasing?

17 MR. VIRGILIO: Yes, and that would make  
18 sense.

19 CHAIRMAN JACZKO: And just to close the  
20 loop on the models that were run, did we provide that  
21 data? Does someone have that data then, if somebody  
22 wants to see those results?

23 MR. VIRGILIO: I don't think so.

24 MALE PARTICIPANT: They're just using  
25 what's (inaudible).

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1 MR. VIRGILIO: Yes, and it's --

2 MALE PARTICIPANT: No, we did not include  
3 that in the briefing package, sir, that was kind of a  
4 very speculative and -- but it's basically taking the  
5 inventory of a core, which is huge.

6 CHAIRMAN JACZKO: , Right, now, if you can  
7 just help me, just again, just to understand the  
8 bounding.

9 So, it's approximately 50 miles. Is that  
10 the extent of how far we modeled out, or is that  
11 basically, the extent to which we would see TAGS being  
12 relevant?

13 MR. VIRGILIO: I think that would be  
14 extent to which we modeled.

15 CHAIRMAN JACZKO: Okay, so, at that point,  
16 it's from there, another 50 miles? Another five  
17 miles? Another 10 miles? Do you have a sense?

18 MR. VIRGILIO: No, sir, I wouldn't -- I  
19 don't have a value for that.

20 CHAIRMAN JACZKO: Okay.

21 MALE PARTICIPANT: Perhaps, we can try.

22 MR. VIRGILIO: Yes, the protective  
23 measures team.

24 CHAIRMAN JACZKO: Okay, yes, if you can  
25 just --

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1 MALE PARTICIPANT: Yes, by the time you  
2 got to Hawaii --

3 MALE PARTICIPANT: Yes, it's 3,000 miles.

4 MALE PARTICIPANT: Three-thousand miles,  
5 it gets dispersed.

6 CHAIRMAN JACZKO: Yes, okay. Okay, good.  
7 Okay, good, well, then if we -- we did that work with  
8 DOE, so, DOE presumably, has the results, also?

9 MR. VIRGILIO: I thought we did it on our  
10 own, using the calculations and the tools we have  
11 here.

12 MALE PARTICIPANT: I heard they were  
13 talking to IMAC, though.

14 MR. VIRGILIO: Okay, so, all right, good.

15 MALE PARTICIPANT: So, we'll follow up.

16 CHAIRMAN JACZKO: Okay, so, it should be  
17 somewhere within the Federal family?

18 MR. VIRGILIO: Yes, sir.

19 MALE PARTICIPANT: Yes.

20 CHAIRMAN JACZKO: Okay, and we did it 10  
21 percent and at 40 percent release, as well? Did those  
22 complete?

23 MALE PARTICIPANT: Those were 10 percent  
24 gas release with filtering, 10 percent gas release  
25 without filtering, and --

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1 MR. VIRGILIO: Speak up.

2 MALE PARTICIPANT: Hi, Chairman. My  
3 memory from last night is they modeled three things in  
4 the PMP, a 10 percent release with filtering, a 10  
5 percent release without filtering, and 40 or 50  
6 percent, and I'm not sure what that was. We'll check  
7 and get back to you.

8 CHAIRMAN JACZKO: Okay, and just let me  
9 know if they're complete. That's mostly what I'm  
10 interested in, right now.

11 MALE PARTICIPANT: We'll check on that  
12 now.

13 CHAIRMAN JACZKO: Okay, if you could just  
14 shoot me a quick email in the next 15 minutes about  
15 the status of those.

16 MR. VIRGILIO: We'll do that, sir.

17 MALE PARTICIPANT: Yes.

18 CHAIRMAN JACZKO: Okay, good. Thank you  
19 very much.

20 MR. VIRGILIO: All right, Chairman.

21 CHAIRMAN JACZKO: Bye.

22 (CONFERENCE CALL CONCLUDED)

23

24

25

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6 (CONFERENCE CALL INITIATED)

7 OPERATIONS OFFICER: This is headquarters  
8 operations officer. Do you want me to 'unmute' the  
9 links, so you can begin the brief?

10 MR. McDERMOTT: Yes, it's Brian McDermott.  
11 Go ahead.

12 Okay, good afternoon, everybody. This is  
13 Brian McDermott.

14 (CONFERENCE PARTICIPANTS: Headquarters  
15 Operations Officer, Chris Kennedy, Bill Sheane, Kathy  
16 Haney, Barbara Dusack, Dave Lui, Roy Zimmerman, Ken  
17 Hart, Michael Johnson, S. Evans, Bill Dean, Mark  
18 Satorius, B. Howell, Linda Howell, Tom Boyce, Charles  
19 Neller, Dave Burns, Eric Leeds)

20 MR. McDERMOTT: Okay, this is Brian  
21 McDermott. I'd like to thank everybody for joining  
22 us, for the update today. This is an update on the  
23 ongoing event in Japan.

24 NRC remains in monitoring mode, and as  
25 such, we thought it would be important to update the

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1 office directors and others from the various program  
2 offices in the regions, as to what we know about the  
3 situation and what NRC, as well as the Federal  
4 Government, is doing, in response to the event.

5 If you've seen the media coverage from  
6 over the evening, the most significant development is  
7 shown pretty vividly on some of the video. There was,  
8 at the Unit 1 reactor, an explosion of some time, that  
9 took off the core (inaudible) metal siding on the  
10 refueling floor level.

11 They're reporting that we're seeing, as  
12 confirmed by emails from a variety of different  
13 sources, seem to indicate that the explosion took  
14 place in the secondary containment and that the  
15 primary containment, as well as the reactor coolant  
16 system remain in tact.

17 There is speculation that perhaps, it was  
18 some type of hydrogen detonation, although we do not  
19 have any confirmation for this, at this point.

20 The Japanese authorities, obviously, are  
21 working hard to try to resolve the situation. We do  
22 know that overnight, that they were venting the  
23 primary containment. That was in advance of the  
24 explosion that you're seeing on the media.

25 We understand that they were successful in

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1 venting Unit 1 containment and reducing pressure by  
2 approximately half.

3 We do know that there is -- the main issue  
4 or the challenge at the site is a lack of AC power.  
5 There have been some generators delivered to the site,  
6 but we've not received any messaging, to indicate that  
7 those have actually been connected.

8 We know they are doing some things to  
9 continue to supply DC power, and there was some  
10 information about them trying to get air compressor  
11 going, to operate, apparently some air operated  
12 valves.

13 But again, the information is very  
14 sketchy. We're getting information primarily from a  
15 TEPCO, from the company website.

16 In terms of the regulator, we understand  
17 they're busy and as a general approach, we're trying  
18 to be respectful of their developed nuclear program  
19 and their capability to respond.

20 We have reached out and offered U.S.  
21 assistance directly with the regulator, and at this  
22 point, they are saying that they don't need U.S.  
23 assistance.

24 Separately, the U.S. Government, on a  
25 broader scale, is looking at support to Japan and

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1 through USAID and the State Department, there has been  
2 an organization of a team to deploy to Japan, and we  
3 have one technical staff that has accompanied that  
4 initial flight out by a Military transport.

5 We have another staff member who is in the  
6 process of trying to get on a commercial flight to  
7 Japan, to provide support either to the team or  
8 directly to the U.S. Embassy.

9 I should mention that the team is  
10 primarily looking at the disaster as a whole. So, if  
11 there -- I think we heard numbers up in the 70's, in  
12 terms of the number of people on that initial team  
13 going over, with USAID, and we have one person there,  
14 just to serve as a technical expert, should that need  
15 arise.

16 We understand there is also one individual  
17 on there from the Department of Energy.

18 We're continuing to have our staff  
19 interact with the other Federal agencies. In terms of  
20 staffing, here at headquarters, we have a full liaison  
21 team available. We have a partially staffed reactor  
22 safety team and protective measures team that have  
23 been doing some 'what-ifs' and trying to piece  
24 together our understanding of the scenario from the  
25 media reports and so forth.

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1 But with this event and just the extreme  
2 nature of the damage in Japan, the information is very  
3 limited, to press releases from the company. We  
4 occasionally get some nugget of information through  
5 the IAEA, or State Department channel.

6 We're also getting some information coming  
7 through INPO, by way of WANO, and there are parts of  
8 the industry that are apparently mustering to offer  
9 industry support.

10 At this point, all we've heard in terms of  
11 actual things being done, GE is supposedly working  
12 with Exelon. They were doing that last night. They  
13 were running some simulator scenarios for the Dresden  
14 unit that was most similar to the affected site, just  
15 to provide some information there.

16 But that's about it, in terms of what we  
17 know at this time. I'm just kind of looking over the  
18 notes, here.

19 We do know that at Unit 1, as of 6:30 a.m.  
20 this morning, they -- we understand through one of the  
21 WANO contacts, that they were about 20 centimeters  
22 below the top of active fuel.

23 So, between that and the fact that they  
24 have some confirmation of cesium and iodine outside  
25 the facility, that they likely do have core damage.

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1 Rad levels that they were reporting at the  
2 site boundary, at an earlier point in time, were up  
3 around 100 MR per hour, and now, we understand, are --  
4 were decreasing to about seven MR per hour.

5 Again, no confirmation of these numbers.  
6 That's just, you know, what we had passed to us  
7 through the WANO folks.

8 We did, also in that report, get word from  
9 them that they -- the licensee was in the process of  
10 filling the containment with borated sea water.

11 That was -- we heard that from WANO and  
12 since then, we've been seeing that on some of the  
13 media reports, not the borated part, but at least the  
14 fact that they were using sea water to flood the  
15 containment.

16 The other units, we have very little  
17 information on, at this point in time.

18 Yesterday, Unit 2 was -- they kind of went  
19 back and forth between which unit was having more  
20 trouble.

21 Unit 2 is also an older style BWR. They  
22 have a RIK-SEA system. We have not had any good  
23 updates on that unit this morning, nor have we had  
24 further information on the other Unit 3, which was the  
25 other one that was operating at the time of the

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1 earthquake.

2           The three remaining units at this  
3 particular site, and just so you hear the name, or at  
4 least -- Fukushima Daiichi, is basically the first  
5 installation of Fukushima, and they have six units  
6 there.

7           At the time of the earthquake, three of  
8 those six units are online -- were online, and those  
9 are the three I've just been talking about. Units 4,  
10 5 and 6 were down for refueling.

11           Fukushima Daiichi, Units 1 through 4 are  
12 not a problem at this time. We have not heard  
13 recently, about the Onagawa Power Station, which is  
14 also in that vicinity. The focus has really been on  
15 the Unit 1.

16           There are a couple of workers that were  
17 injured at that Unit 1, apparently, around the time of  
18 that explosion that you see in the video.

19           We did hear from WANO that Unit 2 was  
20 continuing to, you know, work through the station  
21 black-out that they're in. The suppression pool, they  
22 said was at saturation temperature.

23           So, obviously, you know, that's not a good  
24 condition. We have not heard any reports that they  
25 have restored any AC power that would enable them to

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1 remove that heat from the containment. So, reactor  
2 safety teams continue to follow that.

3 Marty Virgilio actually, was going to  
4 provide this brief. He went off to join a call with -  
5 - the Chairman is downtown, in person, at a Deputy's  
6 Committee meeting with other department agency  
7 officials at the White House.

8 Marty was sitting in on that by video  
9 conference, and I take it that ran long, since he did  
10 not return for this call.

11 Okay, the third unit is in cold shut down,  
12 okay. So, Unit 1 and Unit 2 are the (inaudible) right  
13 now.

14 Okay, at this point, I've kind of given  
15 you all a bunch of information. Hopefully, you've had  
16 some insights.

17 We are working up questions and answers,  
18 focused on the U.S. situation. Everybody knows by now  
19 that the tsunami didn't have any significant effect on  
20 the U.S.

21 These questions and answers are more about  
22 the ability of our facilities to withstand earthquakes  
23 and those type of issues.

24 There are also talking points that Public  
25 Affairs have put together for the Chairman. At this

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1 point, we're prepared to answer questions and I think,  
2 Public Affairs has got the lion's share of that.

3 They've been dealing with -- we're trying  
4 to keep things focused. So, in terms of inquiries  
5 that come into the agency, and external  
6 communications, we want to keep that focused on public  
7 affairs.

8 We have our liaison team here at  
9 headquarters, to provide a central focus for  
10 interactions with the other departments and agencies,  
11 things that may come up or other inquiries we get from  
12 partners and so forth, we'd like them channeled  
13 through the headquarters operations officer, to either  
14 that liaison team or Public Affairs.

15 MALE PARTICIPANT: Does that include the  
16 States, Brian?

17 MR. McDERMOTT: Yes, the States would go  
18 to liaison team.

19 MALE PARTICIPANT: Okay.

20 MR. McDERMOTT: And at this point, I've  
21 probably talked enough. Am I missing anything around  
22 the room here, guys?

23 MALE PARTICIPANT: Can I ask what states  
24 have an interest and what their interest is?

25 MR. COLLINS: This is Elmo in Region IV.

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1 We got an inquire from (inaudible) from the State of  
2 Washington, who was wondering what they could expect  
3 or what we thought was going on, with respect to  
4 radiation releases to the atmosphere, atmospheric  
5 monitoring, etcetera.

6 MALE PARTICIPANT: I just got off a  
7 conference call with Health and Human Services, ESF8,  
8 and USDA and FDA are putting together a team to look  
9 at those kinds of scenarios and so forth. So, the  
10 answer is probably nothing.

11 MALE PARTICIPANT: Yes, I mean, in terms  
12 of the dispersion, at this point, there is no  
13 indication of a major release, okay.

14 So, we know there is going to be some rad  
15 -- elevated rad levels in the area, you would expect  
16 with venting, the primary containment, after  
17 uncovering part of the core, that you're going to have  
18 some products getting out.

19 But in no way are we seeing anything that  
20 would transport all the way to the United States, even  
21 to Hawaii. At this point, there is just no  
22 information that would indicate that there is anything  
23 of that magnitude.

24 In terms of something being potentially  
25 detectable down the road, if this were to further

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1 degrade, one of the recommendations that we've  
2 provided through DHS was a recommendation that EPA  
3 consider, in a proactive way, deploying some  
4 monitoring equipment, so that they would be able to  
5 provide some hard facts, should the situation get  
6 worse.

7 They have deployable monitoring capability  
8 in their toolkit.

9 MALE PARTICIPANT: Brian, this is Dave  
10 (inaudible). Also, from the states in Region I, so  
11 far, Massachusetts and Pennsylvania have been calling  
12 in, and there, the general sense is that they were  
13 interested in what the NRC was doing, relative to  
14 communications publically about this event and  
15 providing reassurance of the current nuclear fleet  
16 within the U.S.

17 I think we've been passing that through to  
18 the Public Affairs Officer, up to that group, but that  
19 said, I think we need to be cautious about how forward  
20 leaning we are, relative to what we want to say. We  
21 can or can't withstand, given the impact on Japan from  
22 the tsunami.

23 MR. McDERMOTT: Yes, Dave, and you know,  
24 we do have some questions prepared. After the last  
25 earthquake in Japan, there was sort of a round of

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1 questions about what can the U.S. sites withstand, and  
2 so, we do have some of those answers prepared.

3 One of the things we probably ought to do  
4 is get some of those back out to the people that are  
5 on this call, so, that's something that we can take as  
6 an action, that would be for your information.

7 We still would like to stick with Public  
8 Affairs and the liaison team, as a main outward source  
9 of communication, but just so you all see what we're  
10 speaking to, it's probably a good thing to share that  
11 information.

12 You know, one of the conversations we were  
13 just having, as the clock rolls around to noon here,  
14 eastern time, was that, you know, should we have an  
15 opportunity to have some interactions with our  
16 Japanese counterparts, what are some of the key pieces  
17 of information we would want to understand from them  
18 about their facilities, you know, not to interfere  
19 with their response basis, obviously.

20 But as we try to formulate our strategies  
21 of communication, what is different about the U.S.  
22 designs and the Japanese installations?

23 We have very limited information on the  
24 specifics of their designs, you know, other than  
25 knowing it's a GE3 with a (inaudible), you know, that

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1 kind of stuff.

2 One of the key issues, obviously, given  
3 what we saw this morning with secondary containment is  
4 taking us back to 1989 generic communication and the  
5 whole issue of the harden vent that was installed on  
6 the MARK1 containment.

7 So, we do not know if the -- you know, the  
8 Japanese regulator required that, or whether it was  
9 installed at this facility, but that would -- you  
10 know, that might be an important distinction amongst  
11 others.

12 We're asking those questions relative to  
13 seismic design, as well, but clearly, you know this  
14 has exceeded what the regulator, I think, was  
15 anticipating during the seismic activity, you know,  
16 just given the impact on the facility.

17 MALE PARTICIPANT: Yes, I would just be  
18 careful in communicating anything that supposes  
19 differences between U.S. and Japan, in terms of, you  
20 know, not potentially either embarrassing or somehow,  
21 you know, pointing why, you know, their plants or  
22 their regulatory authority may be inferior. So, that  
23 is a slippery slope to walk on.

24 MR. McDERMOTT: Yes, understand. The  
25 other interesting piece for us in this is, you know,

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1 when generic GSI 199 on the frequency of severe  
2 seismic events, you know, we've had a communication  
3 strategy associated with that. We've got a  
4 justification for continued operation, if you will,  
5 associated with that for certain facilities.

6 And so, getting the right people in here  
7 who worked on that, who are familiar with the  
8 messaging we've done, who are familiar with the  
9 technical issue, and making sure we're being  
10 consistent and accurate, as we deal with this whole  
11 topic of seismic, I think is something we're -- well,  
12 we are being sensitive to.

13 MR. LEEDS: Hey, Brian, this is Eric  
14 Leeds. Quick question.

15 You know, we want to direct people to OPA  
16 and to the liaison team. If we get contacted  
17 personally, are we going to direct them just to the  
18 'who' telephone number, and have them get there  
19 through the 'who', or are there other numbers that we  
20 should use?

21 MR. McDERMOTT: Yes, through the 'who' is  
22 fine, Eric.

23 MR. LEEDS: Okay, thank you.

24 MALE PARTICIPANT: Brian, I just want to  
25 please confirm that we're going to have our

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1 Commissioner's assistance briefing at 3:30 eastern  
2 standard time today. Is that still true, sir?

3 MR. McDERMOTT: Yes, that is our plan.

4 MALE PARTICIPANT: Okay, folks, please  
5 use the same process you used to call this number.  
6 Any questions or comments, just call up the ops  
7 center. Thank you.

8 MALE PARTICIPANT: Brian, any information  
9 coming out from Unit 1, relative to the spent fuel  
10 pool, given that there was an explosion in the reactor  
11 building?

12 MR. McDERMOTT: No, we've not seen  
13 anything on that. We had some unconfirmed reports of  
14 boiling in some of the other pools, but I didn't even  
15 hear that in the context of which unit.

16 MALE PARTICIPANT: Thanks.

17 MR. COLLINS: Hey, Brian, this is Elmo.  
18 With respect to the Q's and A's on the seismic, we  
19 have a specific issue at Diablo Canyon with a newly  
20 discovered fault that we've been working for a year  
21 and a half or so, and the communication plan, I just  
22 want to -- I believe that OPA has that information.  
23 If they don't, we can get it up there to them.

24 MR. McDERMOTT: Okay, well, we'll talk to  
25 OPA and make sure that we're on the same page,

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1 relative to that, Elmo. Thanks.

2 MR. JOHNSON: Hey, Brian. Mike Johnson.  
3 This has been very helpful and I'm just wondering, I  
4 know that a bunch of NRC employees who are trying to  
5 figure out what is going on, and they'll also have  
6 communications.

7 I wonder -- and I've been watching, I know  
8 we've given some updates, there have been press  
9 releases that have been published. I wonder if it  
10 wouldn't be worth while to get a message out to the  
11 staff on our web page that says, "Hey, if you get  
12 questions, don't try to take this on, on your own.  
13 Just direct people to OPA," or sort of the same  
14 message that you've given us, which I think is very  
15 helpful, about how we communicate about this.

16 MR. McDERMOTT: Yes, thanks, Mike. We did  
17 that yesterday and I think this morning, we initiated  
18 efforts to put out another all-staff email.

19 I don't know if it's gone out, yet, but  
20 we'll check on that. But the web page is also another  
21 way, our internal web page is another way to get that  
22 message out. So, we'll take that back. Thank you.

23 MR. JOHNSON: Thank you. That's very  
24 helpful, thanks.

25 MALE PARTICIPANT: Yes, I would assume

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1 we're doing things with the external web page, as  
2 well?

3 MR. BRENNER: Hey, it's Eliot. Yes, we're  
4 pressing in the news releases, when we have something  
5 that at least minimally advances the ball a little  
6 bit, as far as the agency is concerned, and I'm  
7 running a blog and putting up some schematics and  
8 stuff like that.

9 MALE PARTICIPANT: Okay, thanks, Eliot.

10 VICTOR: Brian, this is Victor. I  
11 forwarded an email I got from the CNO in Region II  
12 about our one o'clock 1500 NEI and SAID -- NEI Board  
13 of Directors phone call, and he invited me to  
14 participate.

15 I forwarded that to you -- to Marty, to  
16 make sure that he would reach out to either Mark  
17 (inaudible) or Tony Pietrangelo, to make sure that it  
18 was appropriate that we be on the call.

19 Do you know if he was able to do that  
20 before he left for downtown?

21 MR. McDERMOTT: No, actually, Marty just  
22 walked back into the room, and I'm just handing him  
23 your email, Vic.

24 VICTOR: Okay.

25 MALE PARTICIPANT: Eliot and I spoke about

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1 it, as I was leaving the room.

2 MALE PARTICIPANT: And I spoke with Scott  
3 Peterson. I did not get an invite for Public Affairs  
4 to be on their call.

5 MALE PARTICIPANT: {interference} --  
6 couple of hours ago, I'd gotten a call from Jim, who  
7 invited either me or you, but suggested that we reach  
8 out to either Mark or Tony before dialing in.

9 MALE PARTICIPANT: I am staying in touch  
10 with Scott Peterson, my counterpart. But I was not  
11 invited to go onto a call.

12 MR. SHARON: This is Brian Sharon. Quick  
13 question, well, not question, but I've gotten a couple  
14 of emails here today, from some of the National Labs,  
15 and they're all -- there are a couple of them chomping  
16 a the bit, you know, saying, "Ghee, can we help?  
17 Ghee, can we go calculate this," with the codes and  
18 all that stuff.

19 I keep telling them, "No, you don't know  
20 the scenario," but you know, somebody might want to  
21 call DOE and tell them to tell their labs to cool it,  
22 because the last thing we want is the labs going off,  
23 talking to the press, talking about consequences and  
24 all sorts of other stuff, because you know, they're  
25 chomping at the bit, to do something, and I'm not

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1 sure, Eliot, maybe you've got a point of contact up  
2 there at DOE?

3 MR. BRENNER: I'll send a note to their  
4 Press Secretary, asking him, through his chain, to  
5 reach out, down to the labs and tell them to back off.

6 If we've got other chains, we might as well --

7 MALE PARTICIPANT: If I could chime in on  
8 that? On the Deputy's call yesterday, I was on with  
9 the Chairman, and Pete Lyons was one of the principals  
10 at DOE. Lyons may be a good source to contact at DOE.

11 MR. JOHNSON: This is Mike Johnson. My  
12 other thought was, it may be just to cut to the chase,  
13 just to pass the same, to call the lab directors and  
14 say, "Knock it off," or whatever messages we want to  
15 get to them.

16 There are a number of ways we can do this.  
17 So, I agree, Brian, we've got to do it soon.

18 MR. McDERMOTT: Okay, we'll take that  
19 action from headquarters. Other thoughts or  
20 questions?

21 MALE PARTICIPANT: Maybe I was talking to  
22 somebody else or just talking at the same time, so, I  
23 don't know if I got through, but Pete Lyons was on the  
24 Deputy's call yesterday that I was on with the  
25 Chairman. Lyons has got a large role to play at DOE

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1 on this. He may be a good one, also, besides the lab  
2 directors.

3 MR. McDERMOTT: Yes, we copied that, and  
4 we've been actually forwarding him the updates. We're  
5 in touch with him and we'll follow up.

6 MALE PARTICIPANT: Thank you.

7 VICTOR: Yes, Brian, this is Vic, once  
8 again. I didn't get closure from Marty, on how he  
9 wants to go forward on the NEI call.

10 MR. McDERMOTT: I think he's still  
11 considering that.

12 VICTOR: Okay.

13 MR. McDERMOTT: Can we get back to you,  
14 Vic?

15 VICTOR: Sure, no problem.

16 MR. McDERMOTT: Okay.

17 MALE PARTICIPANT: Directing from the  
18 call?

19 MR. McDERMOTT: I've got a whole list that  
20 I think we ought to discuss, and then we'll get back  
21 out to the stakeholders.

22 MALE PARTICIPANT: Okay.

23 MR. McDERMOTT: There is one other nugget  
24 of information, people might know people.

25 There were 40 individuals from GE that were

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1 actually asked, at this facility, taking part in the  
2 refueling of the three units.

3 We understand that out of the 40 people,  
4 four were contaminated, but the State Department and  
5 GE are working to pull them back to Tokyo and to get  
6 them whatever assistance they need to get back to the  
7 States.

8 Okay, that's all we have at this point.  
9 We will try to get some more information out to you  
10 all. We'll share the Q and A's, and the talking  
11 points, just for awareness.

12 But again, let's use the focus points  
13 through the ops officer, to direct external inquiries.  
14 We'll get a message out to the staff at large,  
15 through email, and we'll also try to get something on  
16 the internal web page, with that same message.

17 We have a chance to talk to OPA about the  
18 seismic issue, particular to Diablo Canyon and the  
19 communications plan associated with that, that was  
20 already ongoing. So, we'll follow up on that.

21 We understand the States are interested in  
22 what the NRC might be saying, to -- we will report the  
23 idea that the U.S. facilities are safe, and you know,  
24 their continued operation is okay. So, we understand  
25 that general thrust is --

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1 MALE PARTICIPANT: That's kind of the  
2 general thrust.

3 MR. McDERMOTT: Right, and we got the  
4 action to go back with the labs.

5 MALE PARTICIPANT: Brian, is there going  
6 to be any plans for another call, update call on a  
7 regular basis?

8 MR. McDERMOTT: Well, the office directors  
9 and the RA's should be pulled in on that 3:30 p.m.  
10 Commissioner assistance call.

11 MALE PARTICIPANT: Okay.

12 MALE PARTICIPANT: You said that's the  
13 same phone number?

14 MR. McDERMOTT: Yes, same information to  
15 dial in.

16 MALE PARTICIPANT: Okay, hey, by the way,  
17 also, I just -- Brian, I just forwarded to you, an  
18 email I had gotten earlier from Bob Barry at  
19 Brookhaven, and he's been in contact with some guy in  
20 Japan, a Japanese guy, who had a fair amount of what  
21 looked like -- you know, a lot of the information he  
22 sent was consistent with what you said in the  
23 briefing, and he had a little bit more. I forwarded  
24 that to you.

25 MR. McDERMOTT: Thank you.

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1 MALE PARTICIPANT: Do you want me to just  
2 forward that kind of stuff?

3 MR. McDERMOTT: Yes, please.

4 MALE PARTICIPANT: Okay.

5 MR. McDERMOTT: Okay, thanks, everybody.

6 MALE PARTICIPANT: Thanks, Brian.

7 MALE PARTICIPANT: Thanks a lot.

8 (CONFERENCE CALL CONCLUDED)  
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1  
2  
3  
4  
5  
6 (CONFERENCE CALL INITIATED)

7 MR. VIRGILIO: Can you try to contact the  
8 Chairman on his mobile phone? We understand he could  
9 be in transit, back from the meeting downtown.

10 OPERATIONS OFFICER: I will attempt to  
11 make that contact and transfer him over to you.

12 OPERATIONS OFFICER: The Chairman is coming  
13 up on the bridge.

14 CHAIRMAN JACZKO: Hello?

15 MR. VIRGILIO: Chairman, this is Marty  
16 Virgilio. We're here in the operations center. We had  
17 an opportunity to monitor the call.

18 CHAIRMAN JACZKO: Okay, good.

19 MR. VIRGILIO: I know you took some action  
20 items, and I just want to make sure that we're clear  
21 on who, because it was very difficult for us to tell  
22 via phone, who you were making the commitments to.

23 CHAIRMAN JACZKO: Okay, good. Do you want  
24 to walk through them?

25 MR. VIRGILIO: Yes, you want me to start?

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1 CHAIRMAN JACZKO: Yes, why don't you  
2 start?

3 MR. VIRGILIO: Okay, it seems, from what I  
4 can detect in the call, that there was reports of  
5 sharing and building on the NRC to the (inaudible)?

6 CHAIRMAN JACZKO: Yes.

7 MR. VIRGILIO: I couldn't quite tell who  
8 we're suppose to send those to.

9 CHAIRMAN JACZKO: [REDACTED] Is Eliot  
10 there?

11 MALE PARTICIPANT: Is this the White House  
12 Press Officer? Is that who that is?

13 CHAIRMAN JACZKO: Yes, it's  
14 [REDACTED].

15 MALE PARTICIPANT: Okay.

16 CHAIRMAN JACZKO: Did you get that, Eliot?

17 MR. BRENNER: Yes, I got it.

18 MR. VIRGILIO: Eliot has got it.

19 CHAIRMAN JACZKO: Okay, and if you can get  
20 a copy to DOE, as well.

21 MALE PARTICIPANT: Yes.

22 CHAIRMAN JACZKO: Can you repeat it back  
23 to me?

24 MALE PARTICIPANT: Eliot?

25 MR. BRENNER: Yes, it's

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1 [REDACTED] and I've got the Energy  
2 Department guy, and we're shipping the Q&A's over  
3 there.

4 CHAIRMAN JACZKO: Correct.

5 MALE PARTICIPANT: And for DOE, it's?

6 CHAIRMAN JACZKO: I don't know, whoever  
7 you've contacted.

8 MALE PARTICIPANT: I've got it.

9 MALE PARTICIPANT: Okay.

10 MALE PARTICIPANT: I've got it.

11 MR. VIRGILIO: Okay, Chairman, the next  
12 issue on my list was, IAEA was requesting us to open  
13 up lines of communication on modeling.

14 CHAIRMAN JACZKO: See, that was a little  
15 bit unclear to me. I think there was talk that we  
16 should be able to do that. I'm not sure, to what  
17 extent we need to.

18 But let's just make sure that we have an  
19 open line to IAEA, or whatever the protocol is, so  
20 that we can use them as a resource.

21 The discussion was that we would not need  
22 to pulse the Japanese as much, because we would have  
23 them as a contact.

24 MR. VIRGILIO: And that, I think, led to  
25 everybody using the ENAC system?

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1 CHAIRMAN JACZKO: Yes.

2 MR. VIRGILIO: So, it seemed that if you  
3 could engage, and I think our best strategy would be  
4 to engage IAEA to make sure the expectations were  
5 clear.

6 CHAIRMAN JACZKO: Correct.

7 MR. VIRGILIO: They, in fact, will be one  
8 of the contacts.

9 CHAIRMAN JACZKO: Correct.

10 MR. VIRGILIO: Okay, and we're looking for  
11 them to get information and input from the Japanese?

12 CHAIRMAN JACZKO: Yes.

13 MR. VIRGILIO: Okay. I'll reach to the  
14 States, Chairman, that same had come across as well,  
15 and I didn't -- it wasn't quite clear to me, as to who  
16 took the lead on that, but I think that we're going to  
17 step up our liaison team, to include somebody that can  
18 interact with the States, as well.

19 CHAIRMAN JACZKO: Okay, good.

20 MR. VIRGILIO: And start some outreach.  
21 We'll also engage DOE, because we're getting from  
22 other sources, that the labs are starting to pulse us,  
23 about wanting to engage, and we think the best thing,  
24 at this point, to do is to have DOE turn that off.

25 CHAIRMAN JACZKO: Okay, yes, I think

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1 that's good.

2 MR. VIRGILIO: So, we'll do that.

3 CHAIRMAN JACZKO: Okay.

4 MR. VIRGILIO: Other actions you picked  
5 up?

6 MALE PARTICIPANT: No.

7 CHAIRMAN JACZKO: And a primary focus,  
8 then for us, is to continue to focus on providing  
9 timely and accurate communication.

10 MR. VIRGILIO: Okay, toward that end, can  
11 we sanitize our Q's and A's, and post them on a  
12 website?

13 CHAIRMAN JACZKO: No, at this point, all  
14 of the public communication needs to be coordinated.

15 So, by communications at this point, let's  
16 continue to keep it within the Federal family.

17 MR. VIRGILIO: Got it, all right, good  
18 enough.

19 CHAIRMAN JACZKO: Although, there was  
20 clearance given, I don't know if you picked that up.  
21 If we want to highlight that we do have members of a  
22 team, that is acceptable.

23 MR. VIRGILIO: Okay, all right.

24 CHAIRMAN JACZKO: So, just keep folks  
25 focused on, if we get new information, summarizing it

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1 and distributing it as quickly and accurately as we  
2 can, within the Federal family.

3 MR. VIRGILIO: Okay, now, go ahead.

4 MALE PARTICIPANT: It's okay.

5 MR. VIRGILIO: Anything else you want us  
6 to follow up on, Chairman, as a result of that  
7 meeting?

8 CHAIRMAN JACZKO: No, I think we're in  
9 good shape. Let's just keep plugging away, keep  
10 getting the information and processing it and keep  
11 making it accurate.

12 MR. VIRGILIO: All right. Now, there is  
13 an industry in (inaudible) phone call today at one  
14 o'clock, that we're not currently invited to, but I  
15 could do some outreach and see if we can get invited,  
16 and to say what they have to say.

17 I think it would be guarded about what we  
18 add to the conversation.

19 CHAIRMAN JACZKO: Do you think it's a good  
20 idea?

21 MR. VIRGILIO: Yes, I think it would be  
22 good.

23 CHAIRMAN JACZKO: Okay.

24 MR. VIRGILIO: It would be another source  
25 of information for us.

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1 CHAIRMAN JACZKO: Pursue it.

2 MR. VIRGILIO: All right, thanks. Okay,  
3 that's all we had at this point. Anybody else have  
4 anything, Chairman?

5 CHAIRMAN JACZKO: No, I think we're in  
6 good shape.

7 MR. VIRGILIO: Are you coming back here or  
8 are you headed home?

9 CHAIRMAN JACZKO: What is your  
10 recommendation?

11 MR. VIRGILIO: I don't know that there's  
12 any reason that you come back here, at this point.

13 CHAIRMAN JACZKO: Okay, then I'll probably  
14 head home and try -- I'll try and get a little bit of  
15 rest, and but keep -- again, keep the threshold low  
16 for keeping me informed and even if there is no new  
17 news, you know, just maybe at a set frequency, just  
18 give me a ring, just to let me know there's no new  
19 developments.

20 MR. VIRGILIO: Okay, and then again, we  
21 have the 3:30 conference call.

22 CHAIRMAN JACZKO: Okay, good.

23 MR. VIRGILIO: So, we could bring in on  
24 that, too.

25 CHAIRMAN JACZKO: Okay, good.

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1 MR. VIRGILIO: All right, Chairman, thanks  
2 a lot.

3 CHAIRMAN JACZKO: Okay, thanks, everybody.

4 MALE PARTICIPANT: Thank you.

5 CHAIRMAN JACZKO: Bye.

6 (CONFERENCE CALL CONCLUDED)  
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(CONFERENCE CALL INITIATED)

MICHAEL: Hi, this is Michael Dunick  
(phonetic) and Jason Kozal. Can you please get Brian  
McDermott on a separate line?

MR. McDERMOTT: Okay, yes, Mike, this is  
Brian. We're trying to get the Operations Officer on  
the line, here. Can we get them to put you on a  
different line, and we want to make an outgoing call  
through this line. Is the Ops Officer on the line?

MICHAEL: I'll probably have to go to  
another room.

MR. McDERMOTT: Okay, we're going to go  
ahead and make our call. I don't know why we don't  
have them, but we'll look into that, Mike.

If you drop off -- is there -- do you have  
some urgent news for us?

MICHAEL: I was actually on the Deputy's  
call. I mean, I just have some updates to share.

MR. McDERMOTT: Mike, so did I. So, we'll  
compare notes, after we make this next call.

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1 MICHAEL: Okay.

2 MR. McDERMOTT: Okay, Mike, thanks.

3 (CONFERENCE CALL CONCLUDED)

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7 (CONFERENCE CALL INITIATED)

8 OPERATIONS OFFICER: Josh Baskin is  
9 heading up to the bridge.

10 MR. McDERMOTT: Okay.

11 MR. BASKIN: Hello, folks. This is Josh  
12 Baskin.

13 MR. McDERMOTT: Hey, Josh, it's Brian  
14 McDermott.

15 MR. BASKIN: Hey, Brian. How are you?

16 MR. McDERMOTT: All right.

17 MR. BASKIN: I just wanted to very  
18 briefly, again, amplify something the Chairman said,  
19 but the questions and answers that folks have put  
20 together and the staff has contributed to, to help  
21 assist the liaison team, are great.

22 We've got, as you know, we've gotten those  
23 around now. The next iteration, though, the Chairman  
24 would be very appreciative if folks could keep working  
25 on those, and keep drilling down and getting a little

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1 bit more detail.

2 The more widely that those are accepted  
3 and used, it's probably going to lead to more  
4 questions, you know, the next layer down.

5 So, if folks could continue to turn on  
6 those and update, keep them updated, but also, just  
7 maybe go one level of detail down, or be ready to,  
8 that would be helpful. Does that make sense?

9 MR. McDERMOTT: Yes, it does make sense,  
10 and we were thinking the same. We've already asked  
11 the reactor safety team to start doing those -- sort  
12 of those 'what-its', you know, broader questions, as  
13 well as detailed.

14 MR. BASKIN: Great, excellent. Okay, and  
15 then I think that's all I had. Is OCA in there, as  
16 well, right now?

17 MR. McDERMOTT: We have representation, I  
18 believe, on the liaison team.

19 MR. BASKIN: Okay, I will call back after  
20 that. Thank you.

21 MR. McDERMOTT: Okay.

22 MR. BASKIN: Talk to you later.

23 MR. McDERMOTT: All right.

24 MR. BASKIN: Okay.

25 (CONFERENCE CALL CONCLUDED)

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7 (CONFERENCE CALL INITIATED)

8 OPERATIONS OFFICER: This is the 'who'.  
9 Chairman is coming up on the bridge.

10 MR. McDERMOTT: Chairman, this is Brian  
11 McDermott.

12 CHAIRMAN JACZKO: How are you?

13 MR. McDERMOTT: All right.

14 CHAIRMAN JACZKO: A couple of things.  
15 Josh is probably going to call you in a few minutes,  
16 and kind of give you this, too.

17 But if we can continue, you know,  
18 especially since we don't have an active plant that  
19 we're truly monitoring, can we continue to pulse down  
20 on getting more and more detailed information that  
21 would be useful for briefings and those kinds of  
22 things?

23 MR. McDERMOTT: Yes, sir. We did -- just  
24 had a conversation with Josh, about that, and we've  
25 already tasked the reactor safety team folks that are

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1 here, to take the existing Q&A's, not only go down to  
2 the next level of information, but also to look  
3 broader, as well.

4 CHAIRMAN JACZKO: Good, and can you  
5 emphasize with them, that to periodically put their  
6 thoughts down on paper, because we may need those at a  
7 moment's notice?

8 MR. McDERMOTT: Yes, sir, we'll do that.

9 MR. VIRGILIO: We're doing it.

10 CHAIRMAN JACZKO: Excellent. The other  
11 thing, do we have an update on our travelers?

12 MR. VIRGILIO: We had a phone call from  
13 Jim Trapp, and we've been communicating with them by  
14 email. I think his flight is still scheduled to leave  
15 at 4:30 p.m.

16 CHAIRMAN JACZKO: Okay.

17 MR. VIRGILIO: Tony called in from LAX,  
18 and we were -- they said they were loading supplies on  
19 the plane.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: So, only assuming by this  
22 course, because we haven't heard back from Tony, that  
23 they're in the air.

24 CHAIRMAN JACZKO: Okay, okay, good. Do we  
25 anticipate him calling in, then, when he gets on the

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1 ground?

2 MR. VIRGILIO: Yes, he has got the  
3 satellite phone. So, we're expecting him to check  
4 back.

5 CHAIRMAN JACZKO: Okay, and does he have a  
6 clearly defined, kind of mission, when he gets there?

7 MR. VIRGILIO: No, you know, he and I  
8 talked about that, and then asked him to, you know,  
9 take his lead from the team. We weren't giving him  
10 any different directions or specific instructions that  
11 might run contrary to what the team was suppose to do.

12 CHAIRMAN JACZKO: Okay, good, but he has a  
13 team, so, he knows where he suppose to go and who he  
14 is suppose to take orders from?

15 MR. VIRGILIO: Yes.

16 CHAIRMAN JACZKO: Okay, good, excellent.

17 MR. VIRGILIO: And I think he was a little  
18 confused on that point, and I'm glad we had a chance  
19 to talk to him.

20 CHAIRMAN JACZKO: Good, good. Okay, well,  
21 keep me posted, some things changes.

22 MR. VIRGILIO: Okay, you had heard that  
23 they are going to be flooding up the containment with  
24 probably borated sea water?

25 CHAIRMAN JACZKO: Okay, yes, I had heard

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1 that.

2 MR. VIRGILIO: Okay, that was the last  
3 that we had heard, and we're engaging IAEA to make  
4 sure that we try to force them into the -- you're the  
5 point of contact box.

6 CHAIRMAN JACZKO: Yes, good.

7 MR. VIRGILIO: So, we're trying to take  
8 some follow-up actions, for the results of the  
9 meeting.

10 CHAIRMAN JACZKO: Okay, good, excellent,  
11 and if you establish something there, let me know.

12 MR. VIRGILIO: Okay.

13 CHAIRMAN JACZKO: Okay, good, thank you,  
14 Marty.

15 MR. VIRGILIO: Okay.

16 MR. McDERMOTT: This is Brian. We've also  
17 heard that actually, we've got a request for  
18 information in from FEMA, to tell them which sites are  
19 -- nuclear sites are located near the (inaudible)  
20 fault.

21 CHAIRMAN JACZKO: Okay.

22 MR. McDERMOTT: Apparently, that came up  
23 during the call, while -- well, it actually came  
24 through the date call, now.

25 CHAIRMAN JACZKO: Okay, good.

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1 MR. McDERMOTT: So, we'll make sure we  
2 have that list, too, as well as the back-up  
3 information on the designs of those facilities. But  
4 we'll put that to the reactor safety team, as well.

5 CHAIRMAN JACZKO: Excellent. Anything  
6 else, at this point?

7 MR. VIRGILIO: No, I can't think of  
8 anything.

9 CHAIRMAN JACZKO: How are you feeling, in  
10 terms of what our public communication is, at this  
11 point?

12 MR. VIRGILIO: We should be doing more, I  
13 think.

14 CHAIRMAN JACZKO: What do you think we  
15 should be doing?

16 MR. VIRGILIO: Well, I know that, you  
17 know, consistent with what you talked about at the  
18 Deputy's meeting, I think we need to do more with the  
19 States.

20 CHAIRMAN JACZKO: Okay.

21 MR. VIRGILIO: And particularly, our State  
22 RSLO's, the regional state liaison officers.

23 CHAIRMAN JACZKO: Yes.

24 MR. VIRGILIO: They're getting peppered  
25 with phone calls from their contacts, in the States.

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1 CHAIRMAN JACZKO: Okay.

2 MR. VIRGILIO: So, I think we need to  
3 start opening up, and we are. We brought in a state  
4 liaison contact, and we are starting to open up some  
5 lines of communication with them.

6 CHAIRMAN JACZKO: Okay, in terms of the  
7 public, like the media, do you think we should be  
8 saying more, there?

9 MR. VIRGILIO: Let me look to Eliot.

10 CHAIRMAN JACZKO: I just talked to Eliot.  
11 So, I just want to double-back and get your thoughts,  
12 too.

13 MR. VIRGILIO: Yes, I don't know that  
14 we're getting any inquiries in here to the Ops Center.

15 CHAIRMAN JACZKO: Okay.

16 MR. McDERMOTT: I think we kind of think  
17 it's inevitable that we're going to get those  
18 questions and calls for comparisons of U.S. facilities  
19 to Japan.

20 MR. VIRGILIO: Yes, but at the moment,  
21 it's mostly the States that are trying to engage us  
22 and get information.

23 CHAIRMAN JACZKO: Okay, okay, good. So,  
24 Brian, I think, keep that in the back of your mind,  
25 that at any moment's notice, we could start getting

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1 those calls and we want to be ready, when they come  
2 in.

3 MR. McDERMOTT: Understand.

4 CHAIRMAN JACZKO: Okay, good. All right,  
5 well, thanks, everybody. Keep it up.

6 MR. VIRGILIO: All right, thanks,  
7 Chairman.

8 CHAIRMAN JACZKO: Okay, bye.

9 (CONFERENCE CALL CONCLUDED)  
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6 (CONFERENCE CALL INITIATED)

7 OPERATIONS OFFICER: Jack Grove is  
8 entering the bridge.

9 Mr. Grove, you're on the bridge with the  
10 ET.

11 MR. GROVE: I apologize, I was just  
12 wanting to talk to Brian, to see what kind of support  
13 you guys need.

14 MR. VIRGILIO: Jack, it's Marty, and Brian  
15 has just gotten back, talked to the folks in the  
16 reactor safety team.

17 But right now, what we're focused on is  
18 writing up some questions and answers, mostly getting  
19 the questions out, you know, as to what can we expect  
20 we're going to get, in terms of questions.

21 MR. GROVE: Yes.

22 MR. VIRGILIO: You know, from Congress or  
23 the public, over the next few weeks to few months.

24 MR. GROVE: Yes. So, is Japan asking for  
25 any support?

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1 MR. VIRGILIO: No.

2 MR. GROVE: No, okay.

3 MR. VIRGILIO: We've offered and they've  
4 said, "No, they don't need any."

5 MR. GROVE: All right.

6 MR. VIRGILIO: However, we are sent --  
7 we're sending our staff to, two of our staff members,  
8 Tony Ulses and Jim Trapp, as part of an international  
9 team.

10 MR. GROVE: Cool.

11 MR. VIRGILIO: And Tony is in the air  
12 right now. Jim is waiting for his flight to depart  
13 from Dulles.

14 MR. GROVE: Okay, good. Are we going to  
15 plan on continuing to man the center?

16 MR. VIRGILIO: Yes, we're setting up a  
17 watch. I think at least right now, we're setting  
18 ourselves up to go through Monday.

19 MR. GROVE: Okay.

20 MR. VIRGILIO: And then we'll see where we  
21 go from there. Bill, Mike and I have set up eight-  
22 hour rotations.

23 MR. GROVE: Okay.

24 MR. VIRGILIO: At least for the moment.

25 MR. GROVE: Okay, do you need any help?

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1 MR. VIRGILIO: We might. Thank you for  
2 the offer.

3 MR. GROVE: Okay, just let me know. I'll  
4 be home the rest of the day.

5 MR. VIRGILIO: Okay.

6 MR. GROVE: Okay, thanks.

7 MR. VIRGILIO: All right, you're welcome.

8 MR. GROVE: Bye-bye.

9 (CONFERENCE CALL CONCLUDED)

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6 (CONFERENCE CALL INITIATED)

7 MR. McDERMOTT: Is the Operations Officer  
8 on the line?

9 OPERATIONS OFFICER: This is who?

10 MR. McDERMOTT: Okay, we have a request.  
11 We'd like to enable a conversation on the bridge,  
12 here, for Marty Virgilio to reach out to a manager, or  
13 a counterpart over at IAEA.

14 Can you work through their Operations  
15 Center, to make that happen for us?

16 OPERATIONS OFFICER: We can do anything you  
17 like.

18 MR. McDERMOTT: Okay.

19 MR. VIRGILIO: Okay, the individual we're  
20 trying to get in touch with is Mr. Denny Flory, F-L-O-  
21 R-Y.

22 Now, if you can't get his number, one of  
23 the options we might have is our -- Mark Shafer, who  
24 is our liaison over in Vienna. We ought to be able to  
25 raise Mark.

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1 OPERATIONS OFFICER: Okay, so, we'll try to  
2 get in touch with Mr. Denny Flory at the IAEA.

3 MR. VIRGILIO: Just start there, okay?

4 OPERATIONS OFFICER: All right, we'll start  
5 making those calls now.

6 MR. VIRGILIO: Thank you.

7 (OTR comments)

8 OPERATIONS OFFICER: Jason Kozal and Mike  
9 (inaudible) are coming up on the bridge.

10 MR. McDERMOTT: This is Brian McDermott.  
11 Operations Officer?

12 OPERATIONS OFFICER: This is.

13 MR. McDERMOTT: Okay, do we have the  
14 parties convened for the Commissioner assistance  
15 brief?

16 OPERATIONS OFFICER: They are convening as  
17 we speak. It looks like we've got 42 people, right  
18 now, or 41, no, 42, now, and you want us to 'unmute'  
19 the bridge right now, and get ready?

20 MR. McDERMOTT: Are they coming on in such  
21 a way that you'll have a roster playback?

22 OPERATIONS OFFICER: Yes, we will have a  
23 roster playback.

24 MR. McDERMOTT: Okay, why don't we give  
25 them a minute to complete calling in, and then if you

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1 would start us off with the roster playback.

2 OPERATIONS OFFICER: Okay, we're going to  
3 'unmute' right now, so, that you'll have the bridge  
4 and you together then.

5 16: Okay.

6 (OTR comments)

7 (CONFERENCE PARTICIPANTS: Kathy Haney, Tom Farnold,  
8 Russ Kennedy, Eric Leeds, Ben Dottleman, B. Wilde, M.  
9 Camper, Mike Franovich, N. Shane, Gregory Super, Bill  
10 Wilters, Mike Snodderly, Michael Marshall, Michael  
11 Johnson, Davie Lui, Randy Voster, Scott Moore, Brian  
12 Smith, Ed Kaffleman, Elena Galloway, Dan Riley, Ben  
13 Hart, T. McFlee, Matthew Huhn, Margie Doane, John  
14 Boyse, Greg Warnick, Bill Dixon, Art Howell, Mark  
15 Satorius, Charles Neller, Linda Howell, Elmo Collins,  
16 Roy Zimmerman {multiple inaudible's})

17 MR. BORCHARDT: Good afternoon, everybody.

18 This is Bill Borchardt. I'll try to give a real  
19 quick summary of what we know, and a little bit of  
20 what we don't know.

21 So, I need to preface by saying, we really  
22 continue to operate in an environment of limited  
23 information, as far as having a high degree of  
24 confidence.

25 There has been very limited information

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1 coming directly from Japan, or for the -- from the,  
2 Japanese regulators.

3 So, we have a number of different sources,  
4 some coming from sources inside Japan, others coming  
5 via other Government agencies, and of course, there is  
6 a fair amount of news coverage.

7 I've been watching the news coverage for  
8 several hours, earlier today, and you know, my view  
9 is, the majority of it, there is elements of truth and  
10 accuracy in it, but there are some things that we're  
11 not quite certain at all, are accurate.

12 So, I'm going to limit my topics to the  
13 Fukushima site, and just for background, nearly all of  
14 the attention is on Unit 1, at that site.

15 There is very little information on the  
16 other units, but we believe that Units 2 and 3, that  
17 had been in operational status, have been shut down  
18 safely and there is all indications that the reactor,  
19 at least currently, is not being threatened and is in  
20 -- is being cooled.

21 Units 4, 5 and 6 were already shut down.  
22 So, that mitigates a potential problem. But there was  
23 a -- you know, an ongoing significant event at Unit 1.

24 What we think happened is that the plant  
25 trips, as you would have expected. The diesel

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1 started, but when the tsunami wave came through, it  
2 interrupted the fuel flow. I think the tanks are  
3 above ground, as best we understand.

4 So, it either took out the tanks or the  
5 piping going to the diesels. So, they ended up in a  
6 station black-out.

7 It looks as, I think our best estimate at  
8 this point is that at least for some time period, the  
9 core was uncovered, at least partially, and that there  
10 was some fuel damage.

11 If you have been watching the TV, you've  
12 seen the explosion at the top of the reactor building.

13 Our best understanding right now is that it is more  
14 than likely to have been a -- either a steam explosion  
15 or a hydrogen explosion.

16 If it was hydrogen, it's likely, then  
17 trying to de-pressurize the containment with stand-by  
18 gas treatment, some build up of hydrogen in the upper  
19 area of the reactor building, and then an explosion.

20 So, there is -- all of that (inaudible) or  
21 metal plates, roofing material that's typical of those  
22 (inaudible) boilers, easily blew off and what you saw  
23 on the TV was a lot of debris and, you know, rather  
24 dramatic smoke cloud, but so, there is some  
25 uncertainty, as to what the exact cause of that was.

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1           We believe right now that they are using  
2 sea water in two different ways, to help stabilize  
3 Unit 1.

4           The first is somehow, they might be  
5 putting in borated sea water and getting that injected  
6 into the reactor vessel, somehow. We don't know what  
7 the injection source of that is.

8           The second activity that they're engaged  
9 in is essentially using sea water to fill the basement  
10 of the reactor building to provide external cooling to  
11 the source.

12           Both of those activities seem to be in  
13 progress and making some -- having some success, in  
14 that it seems like we're not getting any indication of  
15 a degrading core condition.

16           So, that's, I think, about as much as I'm  
17 going to talk about, as far as Unit 1 is concerned.

18           There was a Deputy's meeting at 11 o'clock  
19 this morning, with a significant focus on the nuclear  
20 plant. Only a couple of things to say about the  
21 Deputy's meeting.

22           The disaster assistance response team will  
23 likely go into place, or go into place on Sunday, all  
24 right, okay. FEMA, in fact, has shut down their  
25 response to this event. So, they've gone into normal

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1 weekend mode.

2 We have two NRC staff that are en route to  
3 Japan right now. One is with the USAID group on a  
4 Military aircraft. I think he will arrive sometime  
5 this evening, this evening our time.

6 The other is on a commercial flight, and  
7 he will arrive probably, I guess it would be Sunday,  
8 mid-day, I think would be the normal arrival time in  
9 Japan.

10 I would say that NRC, our activities right  
11 now, we have four primary objectives.

12 The first one is obviously, to continue  
13 monitoring to the best that we can of the events in  
14 Japan.

15 The second has to do with some outreach to  
16 IAEA. As you could understand, the regulator and the  
17 operator and everybody else in Japan is in overload,  
18 and we don't want to add to their immeasurable level  
19 of stress already.

20 So, we are proposing and pushing to have  
21 IAEA be the point of contact with Japan, and so, we're  
22 trying to interact with Denny Flory on the IAEA staff,  
23 and whoever else we can talk to, to get them to  
24 proactively engage in that activity, and then we'll  
25 use them as the source of information, the best that

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1 we can.

2 We haven't been successful at that, yet,  
3 and we'll continue working it. So, that's the second  
4 activity.

5 The third is -- it's a further development  
6 of the NRC questions and answers. We have one set of  
7 questions, which I think are aimed at looking at the -  
8 - what we would say about the events in Japan, which  
9 we need to be as factual and not (inaudible) into what  
10 the various scenarios might be.

11 What I think we need to transition to over  
12 the next 12 hours is waiting for, when this stabilizes  
13 in Japan, it's entirely likely that the shift will  
14 come to the U.S. You know, what would be the response  
15 of a U.S. plant? Why are the U.S. plants all being  
16 shut down? Those kinds of things.

17 So, the Q's and A's that I think we need  
18 to develop now have more to do with that domestic  
19 focus, and I know, for example, one of the  
20 Commissioners is going on travel Monday, so, he'll be  
21 out, domestic travel, but he'll be out at a  
22 conference, or I'm not exactly sure what the activity  
23 is, but we want to be able to arm them with a good  
24 solid set of talking points on those activities.

25 The fourth activity has to do with

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1 interaction with DHS. I think we have some inter-  
2 agency work going on, about plume plots and possible  
3 exposure activities, and so, we just want to continue  
4 to -- the interaction with our Federal colleagues.

5 I know DOE is preparing access, to help do  
6 monitoring, areal monitoring. EPA has -- is going to  
7 be doing radiation measurements on the west coast,  
8 Hawaii, and those areas.

9 So, we just want to keep the communication  
10 links open with them, so, we're aware of what they're  
11 doing. We're not driving the actions. They're  
12 carrying out their own responsibilities, but we're  
13 obviously, very interested in what they're doing and  
14 what they're finding out.

15 So, let me just briefly ask the team  
16 leaders if they have anything they want to add to this  
17 brief, before we open the questions.

18 MALE PARTICIPANT: No, I think you've  
19 covered the reactor part of it. Again, the status is,  
20 we're working on the questions right now.

21 We started to do 'what-ifs' with the  
22 reactor safety team.

23 MR. BORCHARDT: Okay.

24 MALE PARTICIPANT: Yes, for the -- the  
25 wind continues to be in the direction of out to sea.

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1 We're interfacing NARAC and DOE's headquarters nuclear  
2 incident team.

3 All plume modeling shows the plume out to  
4 sea and we've done various (inaudible) scenarios.

5 MR. BORCHARDT: Okay, good. Eliot, you  
6 got anything?

7 MR. BRENNER: It's reasonably quiet on the  
8 media front. All the attention is still over in  
9 Japan. It will turn back this way, probably starting  
10 tomorrow and the next day, and I hear you mention the  
11 talking points.

12 We're kind of keeping those within the  
13 Washington Federal family, right now. We're not  
14 talking too much about what the situation is, with  
15 respect to our plants.

16 I can tell you that Chairman, Former  
17 Chairman Diaz and Chairman Kline are beginning to make  
18 the rounds on television, and they're carrying that  
19 message.

20 MR. BORCHARDT: Yes, thanks, Eliot, for  
21 reminding me. The NRC is minding our role, if you  
22 will, I think, as part of the Federal family looking  
23 to the White House, to be the spokesman on this event,  
24 and so, that's why we're not being more assertive or  
25 more proactive than some might think we would be.

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1 But so, that's -- we're going to stay on  
2 that track for the foreseeable future.

3 MALE PARTICIPANT: I believe, just an  
4 update on the EPA. We did contact the EPA, and  
5 they've reiterated the fact that they have stationary  
6 monitoring.

7 They don't plan, right now, to dispatch  
8 any people to the west coast, but if their stationary  
9 monitoring indicates that they're starting to pick up  
10 elevated readings, then they probably will detail at  
11 that point.

12 We're getting a lot of -- we're getting  
13 some people on the phone, and we're getting a lot of  
14 requests from the RSLO's, in terms of what information  
15 could be provided to the States, whether or not we can  
16 provide some of the public Q&A's that we've already  
17 started, could we provide it?

18 Apparently, there has been some  
19 {interference} states out west, and even the local  
20 Pennsylvania and Massachusetts, Rhode Island, I guess,  
21 has also asked some questions.

22 MR. BORCHARDT: Okay, anybody else have  
23 anything?

24 Okay, questions from anybody?

25 MR. JOHNSON: Bill, this is Mike Johnson.

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1 Do we know what the U.S. nuclear industry is doing,  
2 if anything?

3 MR. BORCHARDT: They have a conference  
4 call, I think organized by NEI, or I think it was NEI,  
5 earlier this afternoon.

6 I think basically, it's just monitoring.  
7 The one specific thing I'm aware of is that Exelon was  
8 requested to run some simulator runs, because of some  
9 plants that Exelon has, that are similar vintage to  
10 the affected plants in Japan.

11 The results of those simulator runs, I  
12 don't have, and I'm not sure what the status of that  
13 is, but that's all that I know of.

14 MALE PARTICIPANT: The only other thing we  
15 heard was that they were doing a couple of things with  
16 their earlier call. It was to have some coordination  
17 within the industry, if they were to provide resources  
18 upon request.

19 They had no requests, at this time, and  
20 then the other thing they were doing was just making  
21 sure that they were speaking with one voice. So, they  
22 were trying to identify points of contact, both for  
23 the media and the financial sectors.

24 MR. BORCHARDT: Okay.

25 MR. SATORIUS: Bill, it's Mark Satorius.

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1 I know that they were contacted through General  
2 Electric, who had had field representatives over in  
3 Japan, and had gotten back to the corporate offices  
4 here in the United States, and because of the  
5 similarities, GE contacted Exelon directly and were  
6 running those simulators.

7 And I don't think they were conclusive,  
8 because they didn't have all the right data to start  
9 the simulators on.

10 MR. BORCHARDT: Okay.

11 MALE PARTICIPANT: It turned out, I was  
12 aware of that, those simulator runs, and they  
13 basically confirmed the existing information.

14 They couldn't recreate the indications  
15 that were being reported to press. Something was  
16 missing and we've had some today, that demonstrated  
17 some information from this.

18 MR. BORCHARDT: Okay, all right. Any  
19 other questions?

20 MR. SNODDERLY: Bill, this is Mike  
21 Snodderly, Commissioner Apostolakis, and it's  
22 Commissioner Apostolakis that's scheduled to speak  
23 Tuesday at the probabilistic safety assessment  
24 conference in Wilmington, North Carolina.

25 We're scheduled to leave tomorrow at five

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1 o'clock. So, yes, if we could get some talking  
2 points, and I can go over those with the Commissioner,  
3 all right.

4 He's scheduled to do a welcome on Monday  
5 morning, but it's only for five or ten minutes, and I  
6 think -- and he is scheduled to take questions and  
7 answers after his speech on Tuesday, but we may just  
8 have him do the speech. We'll obviously, be in  
9 coordination with you and the Chairman, on what we'll  
10 say or do.

11 But anyhow, it would be greatly  
12 appreciated.

13 MR. BORCHARDT: And I know that the  
14 Chairman has talked to the other Commissioners, this  
15 afternoon. They briefly talked about that, but yes,  
16 we'll make sure that all the Commission offices have  
17 what we prepare over the next day or so.

18 MR. SNODDERLY: Thank you.

19 MR. BORCHARDT: Okay. All right, I'm not  
20 hearing any other questions. Let me just ask the  
21 representatives on the phone to hang on. I think you  
22 raised an interesting topic, about outreach to the  
23 States. So, I want to brainstorm on that for a  
24 second.

25 So, what we will do is have, I think the

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1 next call at 11:30 p.m. this evening, if you're  
2 interested, and then at 7:30 a.m. tomorrow morning,  
3 right? Yes, 7:30 a.m. tomorrow morning.

4 So, and of course, if there is anything  
5 that is significant, that we become aware of, we'll  
6 send out an email and if it's really significant,  
7 we'll do a blast-dial and make sure everybody gets the  
8 information promptly.

9 So, 11:30 p.m., 7:30 a.m. and then check  
10 your email.

11 MALE PARTICIPANT: Hey, Bill, this is  
12 (inaudible). As a point of clarification, going back  
13 to Unit 1 at Daiichi, do we think that core damage is  
14 not ongoing now, based on radiation levels?

15 MR. BORCHARDT: Well, it would be very  
16 subjective. You know, let me just give you my personal  
17 opinion.

18 I was here last night. I was there this  
19 morning. When I left last night, I would have  
20 expected Unit 1 to be in far worse shape than it is,  
21 to the best of our knowledge right now.

22 So, either the event is going a whole lot  
23 slower than you would have predicted, or in fact, that  
24 they've been able to inject some water into the  
25 vessel, to provide some cooling.

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1 MALE PARTICIPANT: So, it's an open  
2 question, then?

3 MR. BORCHARDT: Yes, definitely.

4 MALE PARTICIPANT: The last we heard from  
5 one of the TV reports was that the radiation levels  
6 were decreasing and their pressure was decreasing, but  
7 again, that's a TV report, and we don't have anything  
8 to confirm that, at this time.

9 MALE PARTICIPANT: Right, okay, and then  
10 another question. You're probably not ready to talk  
11 about this, but one thing I read was that down at the  
12 other sites, at the Daiichi site a few miles south,  
13 the Japanese Government has ordered evacuation. Do  
14 you know anymore about that?

15 FEMALE PARTICIPANT: I think the  
16 evacuation was, was it 10 kilometer radius? No, no,  
17 no, I think the first site is 12 miles, 20 kilometers,  
18 and so, the other site, which is like 10 miles south  
19 of the first site, that's -- yes, (inaudible), the  
20 evacuation is, I guess 10 kilometers, yes.

21 So, it's half of what the other site is  
22 there.

23 MALE PARTICIPANT: Okay, but we don't --  
24 is that just like a precaution, because what I read  
25 was that they're having trouble controlling pressure

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1 and containment in the RCS of the -- of three of the  
2 units there.

3 MALE PARTICIPANT: That would be -- we  
4 don't have any information on that.

5 MALE PARTICIPANT: Okay.

6 MALE PARTICIPANT: But the limited  
7 information we have is focused on Daiichi Unit 1.

8 MALE PARTICIPANT: Okay, good, thanks.

9 MALE PARTICIPANT: But we haven't given up  
10 trying to get information on the others.

11 MALE PARTICIPANT: Sure, sure, thank you  
12 very much.

13 MR. BORCHARDT: Okay, thanks, everybody,  
14 and have a good afternoon.

15 (CONFERENCE CALL CONCLUDED)  
16  
17  
18  
19  
20  
21  
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1  
2  
3  
4  
5  
6  
7 (CONFERENCE CALL INITIATED)

8 MR. BORCHARDT: Okay, this is Bill, again.  
9 Who do we have on from SESMI?

10 MALE PARTICIPANT: I thought there was  
11 somebody that called in.

12 MR. BORCHARDT: We must have lot them, or  
13 maybe the host is gone.

14 CHARLIE: Who is one for FSME? This is  
15 Charlie.

16 MR. BORCHARDT: Hi, Charlie. We got you  
17 back.

18 CHARLIE: Okay.

19 LARRY: This is Larry. I'm here.

20 MR. BORCHARDT: Okay, yes, thanks for  
21 hanging in there.

22 So, I guess the question is, what's the  
23 appropriate action or outreach to the States, given  
24 that this is -- I mean, it seems to me like it would  
25 be appropriate, just to have a conference call, try to

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1 set up something with whatever state they're  
2 interested in.

3 But I mean, this is your guys call. So,  
4 let me stop talking and see if you have any ideas.

5 CHARLIE: Hey, Bill, this is Charlie. Can  
6 you hear me?

7 MR. BORCHARDT: Yes, go ahead.

8 CHARLIE: Okay, here is what I would  
9 suggest, so that we keep control of it.

10 We've got regional state liaison officers  
11 in every region. They know the contacts in each state  
12 and the state liaison officers and the Governor's  
13 office.

14 I would suggest that that's the vehicle we  
15 probably should use to make sure that they're  
16 contacted, or at least set up a call.

17 MR. BORCHARDT: Okay.

18 MALE PARTICIPANT: So, I think the bigger  
19 question is, what information do we give them?

20 CHARLIE: Well, I mean, that's going to be  
21 our call. I mean, if we're trying to restrict the  
22 information, or at least control the information that  
23 we're getting outside, anything that you give a state  
24 or a Governor, you're not going to be able to control  
25 what they do with it, even if you ask them to keep it

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1 close.

2 You know, they're going to be getting  
3 questions from, I'm sure, state people, about the  
4 plants in their states. So, they're going to probably  
5 want something.

6 MR. COLLINS: Bill, this is Elmo. I was  
7 going to ask -- yes, I agree with Charlie, and it  
8 would -- if we would have a couple of pages of talking  
9 points, I think -- and then just let -- work through  
10 the state liaison officers, that ought to work.

11 CHARLIE: Right, and I think if you give  
12 them the message that you've been giving out, that we  
13 don't want to speculate on what's going on, because of  
14 the limited information, and you can't necessarily  
15 believe everything that you're saying, reported on TV  
16 by the so-called experts, to be cautious.

17 But we don't see, as a result of this,  
18 that there is any threat at the plants in the United  
19 States.

20 MR. BORCHARDT: Right.

21 CHARLIE: And avoid answering questions on  
22 whether it could happen here. I mean, I don't think  
23 we're ready to do that, yet.

24 MR. BORCHARDT: Right, the tail of this, I  
25 don't think we have a document right now, that we're

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1 going to need, because some of the things go through -  
2 - go too far, and say too much. Others, like some of  
3 the OPA talking points, are really high level. I  
4 don't think scratch the itch.

5 So, I think we're stuck with having to do  
6 this, to come up with a unique set of talking points  
7 for the States. We'll clear that through the  
8 Chairman's office, and try to get them out to those,  
9 via state liaison officers, or the --

10 CHARLIE: Okay.

11 MALE PARTICIPANT: So, the information  
12 from the protective measures?

13 MR. BORCHARDT: I'm sorry, say that again.

14 MALE PARTICIPANT: Would that include the  
15 information from the protective measures teams,  
16 because they were talking about monitoring and maybe  
17 one thing the States just need to know is that we are  
18 monitoring because the plume is blowing out towards  
19 the ocean.

20 FEMALE PARTICIPANT: I think some of that  
21 information would be important and would help, to help  
22 scratch the itch, especially, you know, the states out  
23 on the west, like California and Washington, who have  
24 been asking about this.

25 MR. BORCHARDT: Yes, right, I mean, I'll

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1 leave it to you guys, to figure out, what will scratch  
2 the itch and then, you know, let's put some talking  
3 points together, then we'll float it through by OPA  
4 and the Chairman's office, and make sure they're  
5 comfortable with us going out with that, because the  
6 point that was just made, that once we tell the  
7 States, forget it. I mean, it's out.

8 FEMALE PARTICIPANT: Well, we could  
9 certainly try the caveat, that is, you know, we have  
10 shared before with the States, information, you know,  
11 official type of things, which we can't ask them to do  
12 that.

13 But you're right, we don't necessarily  
14 have that control going forward.

15 MALE PARTICIPANT: Well, given that EPA is  
16 going to do the monitoring, rather than NRC, I think  
17 we need to coordinate with them, find out what they're  
18 going to say in the public domain and then just  
19 reference that, when we talk to the States, and maybe  
20 even be prepared to point them to an EPA point of  
21 contact.

22 FEMALE PARTICIPANT: Yes.

23 MALE PARTICIPANT: So, that we're not --

24 MALE PARTICIPANT: I think once we send it  
25 to the States, we should assume that it will be shared

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1 with, you know, at least the legislature. So, we  
2 should give them talking points, rather than things  
3 that they would hold.

4 MR. BORCHARDT: All right, but the  
5 Japanese new network now has headlines, the  
6 Government, saying that the reactor is safe, under  
7 their breaking news. That is the first time I've seen  
8 that call, on this network.

9 MALE PARTICIPANT: But they also have a  
10 picture of a BWR.

11 MALE PARTICIPANT: Okay, so, then we're  
12 going to develop the talking points, run them through  
13 OPA and then we'll run them by the Chairman, to make  
14 sure that they're fine.

15 MR. BORCHARDT: Right.

16 FEMALE PARTICIPANT: And OPA would run  
17 them through the Chairman for more specifics.

18 MALE PARTICIPANT: Yes.

19 MR. BORCHARDT: Well, we'll figure that  
20 out, but we just got to make sure we get the okay, and  
21 we may have to give a courtesy copy to like EPA, as  
22 well.

23 MALE PARTICIPANT: Right.

24 MR. BORCHARDT: Just so they know what's  
25 being put out, all right, and so, I mean, I'm

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1 cognizant of the vacuum we have right now, but it's  
2 more important that we do this carefully, than do it  
3 real fast.

4 MALE PARTICIPANT: Agreed.

5 MR. BORCHARDT: We're going into the night  
6 time, so, things will slow down on the news cycle.  
7 So, I mean, I think if we were ready to have a good  
8 engagement first thing tomorrow morning, I think that  
9 would be pretty good.

10 MALE PARTICIPANT: Okay, yes.

11 MR. BORCHARDT: Okay, all right?

12 MALE PARTICIPANT: Speaking of which,  
13 would that be a continuance on the talking points,  
14 also, put out to lead staff, because it's the same  
15 thing, if you put them out to NRC, they're public.  
16 Everybody is going to see them, but we may want to do  
17 that.

18 MR. BORCHARDT: Okay, we can take a look  
19 at that, too. All right, Charlie or anybody on the  
20 phone have anything?

21 CHARLIE: No, again, Bill, I mean, I just  
22 want to re-emphasize, whatever we give them, some  
23 Governor is going to publicize.

24 MR. BORCHARDT: Yes, they can't help  
25 themselves.

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1 CHARLIE: Right, so, we have to be  
2 comfortable with the fact that it will get out, I  
3 mean, I guess that's my only point, so, the Chairman  
4 is going to have be comfortable with that, too.

5 MR. BORCHARDT: Got it, all right, thanks,  
6 everybody. Have a good evening.

7 CHARLIE: All right, thank you, Bill.

8 MALE PARTICIPANT: Thank you.

9 (CONFERENCE CALL CONCLUDED)  
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8 (CONFERENCE CALL INITIATED)

9 MALE PARTICIPANT: Okay, sorry about the  
10 technical difficulty earlier. I'll just start over  
11 and try to be brief.

12 We have a press release from TEPCO, that  
13 gives a status of all six units on the site.

14 Unit 1, that's been our focus for the last 24  
15 hours, or longer, has been shut down. There was the  
16 explosion in the reactor building, the metal roof  
17 structure.

18 But they're now injecting sea water and  
19 boric acid into the reactor core. So, that's  
20 obviously, positive news, that the heat-up is being  
21 terminated and they're addressing the issue of any  
22 inadvertent criticality.

23 Unit 2, they had RIK-SEA running. That  
24 has been shut down. The press release doesn't  
25 explosively say if it was intentionally shut down or

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1 was terminated by some other cause.

2 But it looks like they're making  
3 preparations for venting the containment, after they  
4 get permission from the regulator.

5 So, there is certainly no sense of urgency  
6 in the description that they talk about. So, I think  
7 this is the same kind of planned activity that they  
8 had on Unit 1, as far as venting the containment, and  
9 reactor water level is stable, although lower than  
10 normal.

11 Unit 3 is shut down, and they continue to  
12 inject water using HIPSI, and they're also preparing  
13 to implement measures to reduce pressure in the  
14 reactor containment vessel, after they get the  
15 Government's permission.

16 So, I think what you can assume is that  
17 they've lost containment cooling. There has been some  
18 increase in pressure and in order to maintain  
19 integrity of the containment, they're going to do an  
20 intentional venting, probably through stand-by gas  
21 treatments.

22 They did not believe that there is any  
23 reactor coolant leakage inside the containment vessel  
24 on Unit 3.

25 Units 4, 5 and 6, just from summary, were

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1 already shut down for a variety of reasons. There is  
2 no leakage inside the containment vessel and no  
3 concerns, regarding temperature in the core.

4 So, it looks as if, anyway, things have  
5 stabilized and are -- have actually -- they've turned  
6 the tide on Unit 1, and the situation is improving.

7 So, thanks for your attention and your  
8 continued work this evening.

9 (CONFERENCE CALL CONCLUDED)

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9 (CONFERENCE CALL INITIATED)

10 OPERATIONS OFFICER: Becky Schmidt is  
11 coming up. The Commissioner is coming up on the  
12 bridge, too. Excuse me, the Chairman is coming up on  
13 the bridge, now.

14 CHAIRMAN JACZKO: Hello?

15 MR. BORCHARDT: Hi, Chairman.

16 CHAIRMAN JACZKO: How are you?

17 MR. BORCHARDT: How are you? So, we don't  
18 really have a lot that's changed, actually. We just  
19 sent you an update of the Ops Center status.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: And in there is the  
22 essence, or a run-down of a TEPCO press release that  
23 we received fairly recently, which the bottom line  
24 would be indicative of things have at least stabilized  
25 and I think have turned the corner and are improving a

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1 little bit.

2 CHAIRMAN JACZKO: Okay.

3 MR. BORCHARDT: So, if you don't mind,  
4 I'll just go through the six units.

5 CHAIRMAN JACZKO: Yes, that would be  
6 great.

7 MR. BORCHARDT: Very briefly.

8 CHAIRMAN JACZKO: Give me just a moment.  
9 Let me pull up that email, so, I can follow along  
10 there.

11 MR. BORCHARDT: Okay. Are you using a  
12 computer or your BlackBerry?

13 CHAIRMAN JACZKO: Computer.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: Actually, I read it on  
16 my BlackBerry, but I'm actually to look at it on my  
17 computer, now, it's just taking me a minute.

18 MR. BORCHARDT: Okay, so, I'll be going to  
19 what is page three of the report.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: While that is coming up,  
22 I'll just tell you, we're doing a couple of other  
23 things that we have working.

24 CHAIRMAN JACZKO: Okay, good.

25 MR. BORCHARDT: There's been a number of

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1 contacts from states, especially, I guess, out on the  
2 west coast, asking for some information.

3 So, the liaison team is putting together  
4 some talking points.

5 CHAIRMAN JACZKO: Okay, good.

6 MR. BORCHARDT: That we're going to have  
7 ready to go tomorrow morning, bright and early.

8 CHAIRMAN JACZKO: Okay, great.

9 MR. BORCHARDT: That we can give to the  
10 regional state liaison officers, and then they can do  
11 the outreach.

12 CHAIRMAN JACZKO: Okay, good.

13 MR. BORCHARDT: We don't think that  
14 anything we already have is right, because we're going  
15 with the assumption, anything we give the States will  
16 become immediately public knowledge.

17 CHAIRMAN JACZKO: Yes.

18 MR. BORCHARDT: So, we're being careful  
19 about what we put in there.

20 CHAIRMAN JACZKO: Good.

21 MR. BORCHARDT: And then we're still  
22 trying to work the IAEA communication thing, but we  
23 don't seem to be getting anywhere on that.

24 CHAIRMAN JACZKO: Okay. Do we have any  
25 news on our two travelers status?

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1 MR. BORCHARDT: A little bit, Tony should  
2 be arriving in another two to three hours.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: We heard from him several  
5 hours ago, and Jim Trapp already left, maybe an hour  
6 ago.

7 CHAIRMAN JACZKO: Okay.

8 MR. BORCHARDT: His plane was a little bit  
9 delayed.

10 CHAIRMAN JACZKO: Okay.

11 MR. BORCHARDT: The unfortunate thing is,  
12 CNN is -- has a (inaudible) that says, "NRC is sending  
13 two nuclear experts to help."

14 CHAIRMAN JACZKO: Okay.

15 MR. BORCHARDT: Which, you know, is maybe  
16 not the -- well, it's not the way we portrayed it, but  
17 --

18 CHAIRMAN JACZKO: That's okay.

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: Okay, so, I have the  
21 units in front of me.

22 MR. BORCHARDT: Okay, so, right before  
23 Unit 1, it says, "Winds are directed out to sea."

24 CHAIRMAN JACZKO: Yes.

25 MR. BORCHARDT: Okay, so, that is still

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1 the situation meteorologically.

2 Okay, so, Unit 1, which is what we've been  
3 focusing on so much before, we're hearing a consistent  
4 message that borated sea water is being injected into  
5 the vessel. We don't know how, and we don't know if  
6 it's stand-by liquid control, or what system is being  
7 used.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: But that water level has  
10 stabilized and there is no indication of degrading  
11 core conditions, at all, from any source that we're  
12 getting on that.

13 CHAIRMAN JACZKO: Do we know if the core  
14 is covered, at this point, or not?

15 MR. BORCHARDT: Well, no, somewhere, we  
16 were developing the view that at least at one point,  
17 the core was maybe a third uncovered.

18 CHAIRMAN JACZKO: Yes.

19 MR. BORCHARDT: And the water level beams  
20 were covered, so, but we don't know if water level is  
21 above top of active fuel or what the exact level is.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: Radiation levels are not  
24 -- we're not getting any indication that they're  
25 getting any worse.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: We seem to be developing  
3 consensus that the explosion and the top of the  
4 reactor building was, in fact, a hydrogen explosion.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Probably caused by a leak  
7 in the stand-by gas treatment system when they were  
8 venting containment.

9 CHAIRMAN JACZKO: Okay, all right.

10 MR. BORCHARDT: So, that's Unit 1, and  
11 there was a TEPCO press conference that said, you  
12 know, declared that the reactor was safe on Unit 1,  
13 and like I said, we're not seeing anything that would  
14 be counter to that.

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: Unit 2 had been using RIK-  
17 SEA to inject water. The status says now that the  
18 RIK-SEA was shut down.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: We don't know if it's shut  
21 down on its own, or if the operator shut it down, but  
22 water level is steady, although lower than normal.

23 But again, no radiation -- no indications  
24 of any radiation levels or any abnormal occurrence,  
25 but what you'll see for Units 2 and 3 is that the

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1 licensee is working with -- to get, I guess, NISA's  
2 permission to vent the containment.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And that would be normal,  
5 because they've lost cooling to the containment, there  
6 would be some build-up and it would be a precautionary  
7 measure.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: That's for both units.

10 CHAIRMAN JACZKO: Now, on that, would  
11 there be a point under normal -- I mean, at what point  
12 under a normal cool-down would you be able to -- I  
13 mean, is there a time at which you'd be able to shut  
14 off RIK-SEA, or would that stay on?

15 MR. BORCHARDT: Yes, well, when the  
16 temperature -- when you're no longer producing steam -  
17 -

18 CHAIRMAN JACZKO: Yes.

19 MR. BORCHARDT: -- RIK-SEA won't work  
20 anymore, because it's a stream driven turbine.

21 CHAIRMAN JACZKO: Got it.

22 MR. BORCHARDT: And so, that would be the  
23 big, I guess, the big driver in this. It's going to  
24 be well above 200 degrees, before you have enough  
25 horse to turn the turbine.

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1 CHAIRMAN JACZKO: Yes.

2 MR. BORCHARDT: But then normally, you  
3 would transition to low pressure coolant injection, or  
4 something, to do cool-down, but they don't have any of  
5 those electrical -- electrical power to run those  
6 pumps.

7 CHAIRMAN JACZKO: So, is it --

8 MR. BORCHARDT: This would just run --  
9 they would use RIK-SEA until, you know, they've gotten  
10 the pressure down to as low as they can get it.

11 CHAIRMAN JACZKO: Yes, okay. So, we don't  
12 know whether that's the reason RIK-SEA is not working,  
13 or whether it's because there's been a problem with  
14 pumps or a leak somewhere, or something?

15 MR. BORCHARDT: Yes, that's right.

16 CHAIRMAN JACZKO: Okay, all right.

17 MR. BORCHARDT: Unit 3, they're continuing  
18 to use high pressure core injections.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: And there is no leak  
21 inside containment. Same thing, they're getting  
22 NISA's permission to vent the containment.

23 CHAIRMAN JACZKO: Okay.

24 MR. BORCHARDT: Just because of the normal  
25 heat-up.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: Units 4, 5 and 6 were  
3 already shut down. No problems, nothing expected.

4 CHAIRMAN JACZKO: Anything else? Any of  
5 the other units?

6 MR. BORCHARDT: Well, you know, there is  
7 that other complex of units, 10 miles, or 10  
8 kilometers south of these six, and we're just getting  
9 -- CNN covered a story, which is the first we've heard  
10 of it, that there may be a loss of coolant in that --  
11 in a unit down there.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: They're saying in a second  
14 unit, but it's --

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: But we have nothing to  
17 confirm that. It's just general sense, CNN is really  
18 lagging on the story, I think.

19 CHAIRMAN JACZKO: Okay.

20 MR. BORCHARDT: Compared to other sources.  
21 They seem to be really late and really going after  
22 dramatic impact.

23 CHAIRMAN JACZKO: Okay.

24 [REDACTED]

25 [REDACTED]

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1 [REDACTED]  
2 [REDACTED]  
3 [REDACTED]  
4 CHAIRMAN JACZKO: Yes.

5 MR. BORCHARDT: So, this is more of what  
6 they're talking, and they're the only ones that have  
7 reported the second unit problem.

8 CHAIRMAN JACZKO: Okay, is Eliot there?

9 MR. BRENNER: I am here, and I was on the  
10 phone with Jean Mazzura on my way home. She was  
11 begging me for confirmation of this.

12 CHAIRMAN JACZKO: Eliot?

13 MR. BRENNER: Yes.

14 CHAIRMAN JACZKO: Sorry.

15 MR. BRENNER: Yes, I'm here. Can you hear  
16 me all right?

17 CHAIRMAN JACZKO: Yes, we lost you for a  
18 second.

19 MR. BRENNER: Okay, I was on the phone  
20 with Jean Mazzura, driving home. She was begging me  
21 for confirmation on this reported melt down, and  
22 she'll be very disappointed when I call her back and  
23 say, "I can't confirm it."

24 CHAIRMAN JACZKO: Okay, and you know,  
25 again, well, not sure what they mean by melt down, but

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1 from what we've been saying internally, we believe  
2 that there -- at this point, there is a high  
3 likelihood that there was fuel damage.

4 MALE PARTICIPANT: Yes.

5 CHAIRMAN JACZKO: Okay.

6 MR. BRENNER: And my apologies, I was  
7 referring to --



17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: There is no way that  
19 that's right, the right answer.

20 CHAIRMAN JACZKO: Yes.

21 MALE PARTICIPANT: But he admitted that  
22 there was some fuel damage, but Wolfe Blitzer wanted  
23 to go to a core meltdown.

24 CHAIRMAN JACZKO: Okay.

25 MALE PARTICIPANT: And he said no, there

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1 has not been a core meltdown.

2 CHAIRMAN JACZKO: Okay, Eliot, did you  
3 want to say something else?

4 MR. BRENNER: I did, and I wanted to  
5 apologize for referencing meltdown in relation, the  
6 reference to loss of coolant at another reactor.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRENNER: Which I won't be able to  
9 confirm.

10 CHAIRMAN JACZKO: Okay, okay, how are we  
11 doing -- I'm sorry, Bill, other things you wanted to  
12 go through?

13 MR. BORCHARDT: No, that's really it. We  
14 haven't, like I said, made any progress with IAEA. We  
15 have talked with a couple of other Government  
16 agencies, just to place status reports.

17 CHAIRMAN JACZKO: Good.

18 MR. BORCHARDT: But nothing, we haven't  
19 really learned anything through that.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: So, let me see, we have  
22 anything, protective measures?

23 FEMALE PARTICIPANT: Nothing new.

24 MR. BORCHARDT: Okay. Anything?

25 MALE PARTICIPANT: We talked to GE again

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1 today, just to confirm --

2 CHAIRMAN JACZKO: I'm sorry, can you speak  
3 up a little bit?

4 MR. BORCHARDT: Sure.

5 MALE PARTICIPANT: Yes, Chairman. We  
6 talked to General Electric again. They have, you  
7 know, they've established the wrong kind of command  
8 center down in Wilmington, and we just touched base  
9 with them, to make sure they had no new information.

10 The only new information they provided us  
11 was kind of, you know, what are the limits on RIK-SEA  
12 operations, to our technical staff, who has that now.

13 CHAIRMAN JACZKO: Okay.

14 MALE PARTICIPANT: You know, so, they  
15 continue to confirm that they haven't talked, you  
16 know, they're always careful to say, "We haven't  
17 talked to the customer, at all."

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: And that is still  
20 remains true.

21 CHAIRMAN JACZKO: Okay.

22 MALE PARTICIPANT: We are, as are the  
23 other teams, working on the Q&A's, and with the goal  
24 of having the Q&A's done, but whatever level, by 11  
25 o'clock tonight, so that they can receive higher level

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1 review by tomorrow.

2 CHAIRMAN JACZKO: Okay.

3 MALE PARTICIPANT: Tomorrow morning, in  
4 time for not only distribution to the Chairman and  
5 others, but in time for Commissioner Apostolakis, when  
6 he goes to North Carolina.

7 CHAIRMAN JACZKO: Okay, well, then let's  
8 take --

9 MALE PARTICIPANT: I mean, Monday.

10 CHAIRMAN JACZKO: Yes, let's take  
11 Commissioner Apostolakis on a (inaudible) for what  
12 we're doing.

13 MALE PARTICIPANT: Yes, sir.

14 CHAIRMAN JACZKO: Focus on that, and I'm  
15 going to have to ask you to accelerate that time line,  
16 a lot.

17 I'd like a version by eight, because I do  
18 worry that we may need to get something out  
19 publically, soon. So, I'd like to have that ready by  
20 eight o'clock, and we're probably have to run, at  
21 least share it in the inter-agency, so, we can try and  
22 have a consistent coordinated message.

23 So, if you can give me what you have by  
24 eight o'clock and then again, continue to work on it  
25 and do an updated version by 11 o'clock, can you -- is

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1 that doable?

2 MALE PARTICIPANT: By eight o'clock  
3 tonight, you're saying?

4 CHAIRMAN JACZKO: Yes.

5 MALE PARTICIPANT: I don't know what --

6 MR. BORCHARDT: Well, I mean, obviously,  
7 we can always provide it in whatever condition we  
8 have.

9 CHAIRMAN JACZKO: Okay.

10 MR. BORCHARDT: But let us look to see if  
11 we can stand behind the version that we have.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: Because I wouldn't want us  
14 to, you know, so, I'll see what we can do.

15 CHAIRMAN JACZKO: Okay, good.

16 MALE PARTICIPANT: Just a couple of  
17 items. In terms of our communication with the IAEA,  
18 we have had some discussions internally with Penny  
19 Jones and also, we contacted Mark Shafer.

20 The brief that we're getting is that all  
21 the information that IAEA has, it's been put into  
22 NREP. So, we should have the latest information that  
23 they have.

24 CHAIRMAN JACZKO: Okay.

25

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1 [REDACTED]  
2 [REDACTED]  
3 [REDACTED]  
4 [REDACTED]  
5 We can continue to try and contact them,  
6 as such, (inaudible).

7 CHAIRMAN JACZKO: And we're getting the  
8 NREP reports?

9 MALE PARTICIPANT: Yes.

10 CHAIRMAN JACZKO: Okay, yes, then for now,  
11 let's leave that as sufficient.

12 MALE PARTICIPANT: Okay, we have gotten  
13 some reports in very recently from HHS, in terms --  
14 asking us to confirm this report of second exposure at  
15 one of the reactors.

16 They, apparently, have seen something on  
17 one of the news stations about there being a second  
18 explosion, which was the first time we had heard about  
19 that, and they called us to ask us if we could confirm  
20 that.

21 We're trying to find out where they're  
22 getting their information from, but we haven't gotten  
23 anymore insights on that.

24 CHAIRMAN JACZKO: Okay, and can we just  
25 send them, then, the 1830 update that we did?

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1 MALE PARTICIPANT: Well, we sent them to  
2 the -- the press release that the Japanese put out.

3 CHAIRMAN JACZKO: Okay, well, let's -- I'd  
4 like to continue to work around this one central  
5 document that we have.

6 So, you know, we'll give them as update  
7 and accurate information as we have, and so, if you  
8 can forward that to them, and tell them that's what we  
9 know, as of, you know, as of 1830, and we'll update it  
10 when we get more accurate and confirmed information.

11 MALE PARTICIPANT: Okay.

12 MR. BORCHARDT: And I just got handed a  
13 report, research by World Nuclear News, that might be  
14 the source of this second unit.

15 CHAIRMAN JACZKO: Okay.

16 MR. BORCHARDT: It talks about the  
17 Fukushima Daini.

18 CHAIRMAN JACZKO: Okay.

19 MR. BORCHARDT: Which was the set of four  
20 units that's 10 miles south of the others that we've  
21 been talking about.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: It says, "Unit 1 reactor  
24 core isolation cooling system had been operating  
25 normally," and however, it was lost at 5:32 a.m. local

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1 time, which was not that long ago, when its  
2 suppression chamber reached 100 degrees Centigrade.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And this led TEPCO to  
5 notify the Government of another technical emergency  
6 situation.

7 CHAIRMAN JACZKO: Okay.

8 MR. BORCHARDT: All right, so, they are  
9 preparing to vent the containment and so, that's it.  
10 So, I don't know that it's nearly as -- I mean, it's a  
11 serious situation, but maybe not as dire as what the  
12 first report sounded like.

13 CHAIRMAN JACZKO: Does it have --

14 MR. BORCHARDT: But they have offsite  
15 power available at these units.

16 CHAIRMAN JACZKO: Okay, they do? That was  
17 my question, those units do have offsite power?

18 MR. BORCHARDT: Yes, well, according to  
19 the same report.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: Yes.

22 CHAIRMAN JACZKO: Okay.

23 MR. BRENNER: I apologize, this is Eliot.  
24 Is that a Government report or a news agency report?

25 MR. BORCHARDT: World Nuclear News, it's a

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1 -- they put out these daily updates. They're kind of  
2 like (inaudible), I think.

3 CHAIRMAN JACZKO: Okay.

4 MALE PARTICIPANT: It's a commercial news  
5 operation.

6 MR. BORCHARDT: I believe so.

7 CHAIRMAN JACZKO: Okay, thanks. Okay,  
8 well, let's continue, as frequently as is appropriate,  
9 and when we do have new information, to update these  
10 reports, and I like the format that was in this last  
11 one. I think it's very usable and very accessible,  
12 and continue to update that on a periodic basis,  
13 again, with information that we are very confident in,  
14 and continue to provide that throughout the Federal  
15 Government.

16 My thinking being here that we are going  
17 to be able to interpret the various sources of  
18 information better than any other organization.

19 So, but use your same high standards for  
20 credibility and the accuracy.

21 MR. BORCHARDT: Okay.

22 CHAIRMAN JACZKO: And then if we can shoot  
23 for a version then by eight o'clock, so, I can start  
24 taking a look at that and Eliot, do you have a sense,  
25 then, again, are you -- where are you, in terms of

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1 your comfort with our public communications?

2 MR. BRENNER: I'm fine right now.

3 CHAIRMAN JACZKO: Okay.

4 MR. BRENNER: Most of the attention is  
5 still in Japan, but it will turn, and we should be  
6 ready.

7 CHAIRMAN JACZKO: Okay, and you know, I  
8 think at this point, you know, it's possible it could  
9 even turn, you know, this evening or things like that.  
10 That's why I think we need to have -- we need to have  
11 something on paper to get ready to go.

12 We can keep modifying it and working on it  
13 over the rest of the evening, but let's shoot to have  
14 something on paper by eight o'clock.

15 MR. BORCHARDT: Okay, we'll do our best.

16 CHAIRMAN JACZKO: Okay, Eliot, did you  
17 make any progress with the White House, in terms of  
18 Sunday evening?

19 MR. BRENNER: I did not.

20 CHAIRMAN JACZKO: Okay.

21 MR. BRENNER: I'll give them another  
22 nudge.

23 CHAIRMAN JACZKO: Okay.

24 MR. BRENNER: And I also had one other  
25 (inaudible) request, which I dodged.

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1 CHAIRMAN JACZKO: Okay, yes, and I think  
2 for now, that's probably a good idea, and -- to dodge  
3 it, because it probably will only start feeding them,  
4 wanting to talk to us more, and at this point, if  
5 they're forced to focus on Japan, that's probably the  
6 right place to be focusing right now.

7 MR. BRENNER: All right.

8 CHAIRMAN JACZKO: Okay, well, good,  
9 everybody. Can we do an update then with me again, at  
10 -- Bill, what would you recommend is a good time?

11 MR. BORCHARDT: Maybe 10 o'clock.

12 CHAIRMAN JACZKO: Okay, sounds good, and  
13 of course, if something changes in the meantime,  
14 please, give me a call and I'll be watching the news.

15 MR. BORCHARDT: Okay.

16 CHAIRMAN JACZKO: Okay, thanks everybody,  
17 appreciate it.

18 MR. BORCHARDT: All right.

19 (CONFERENCE CALL CONCLUDED)  
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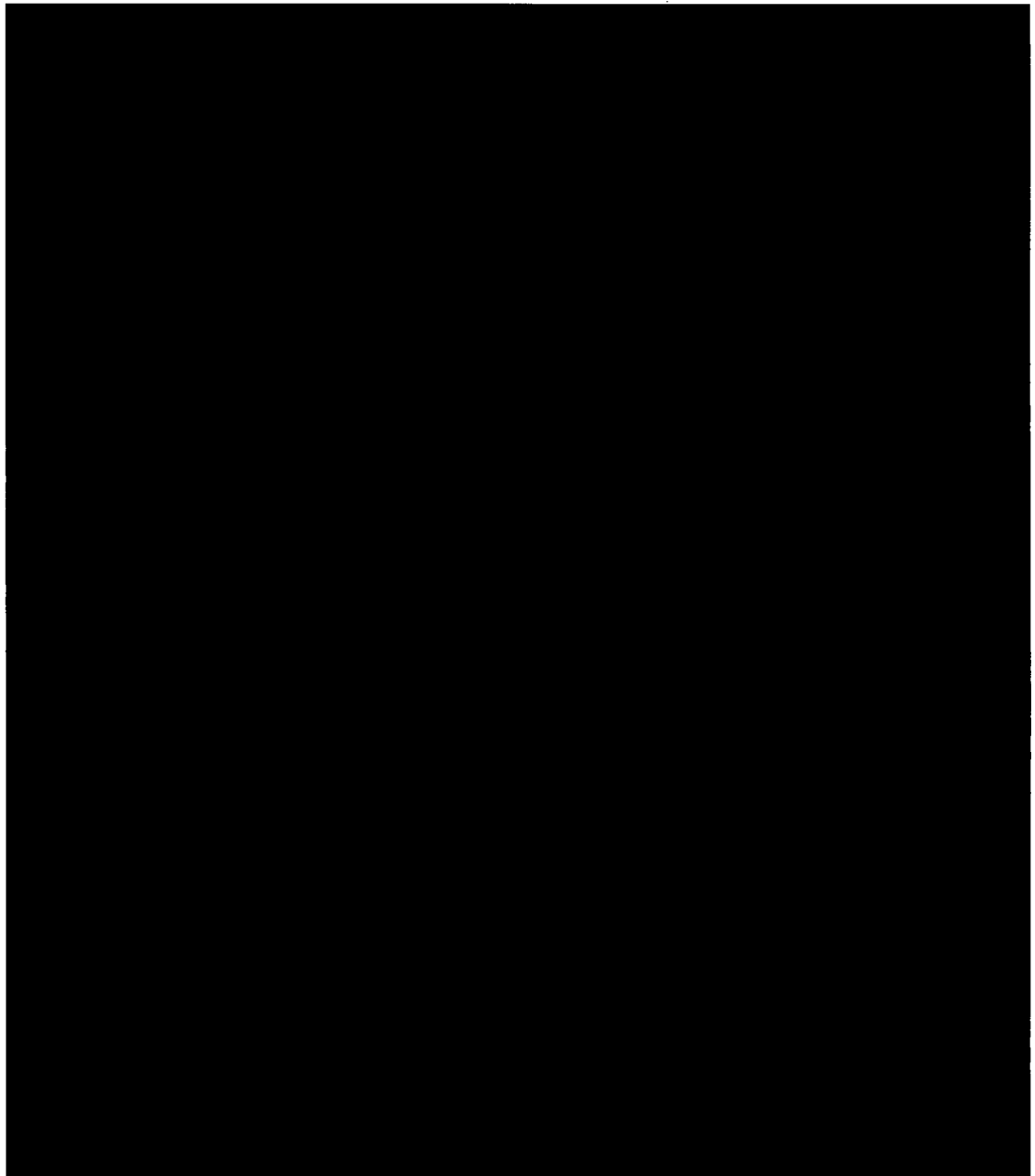
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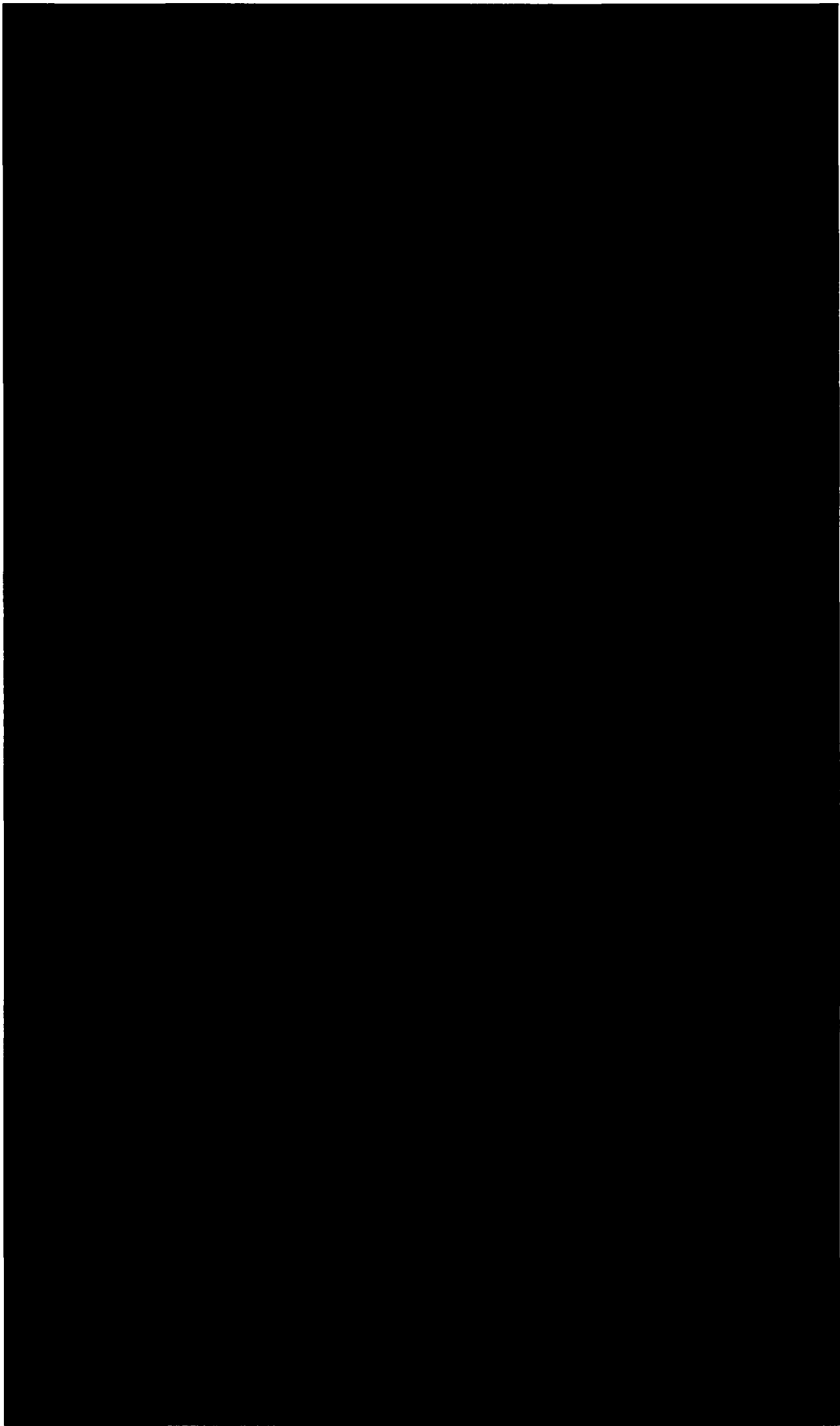
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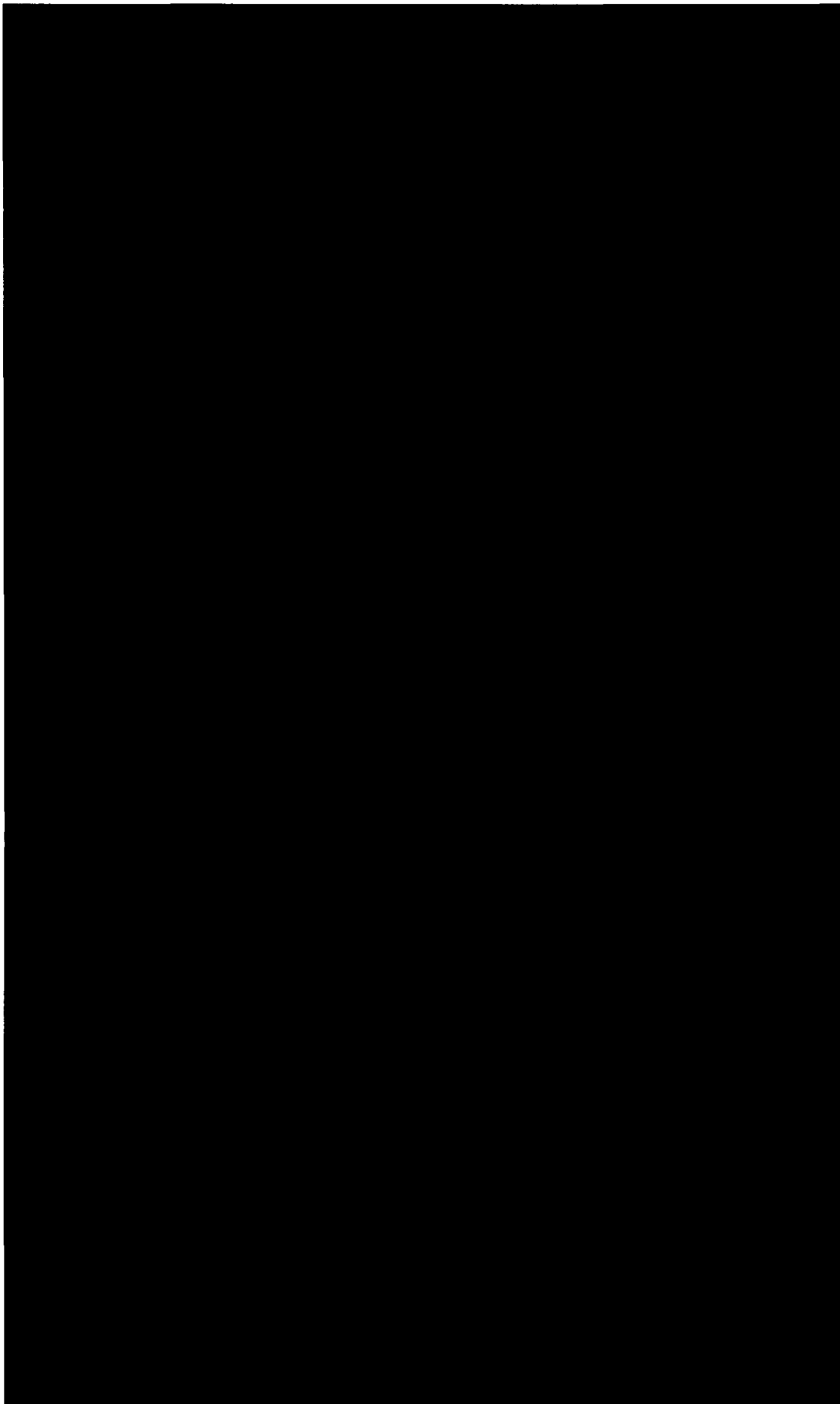
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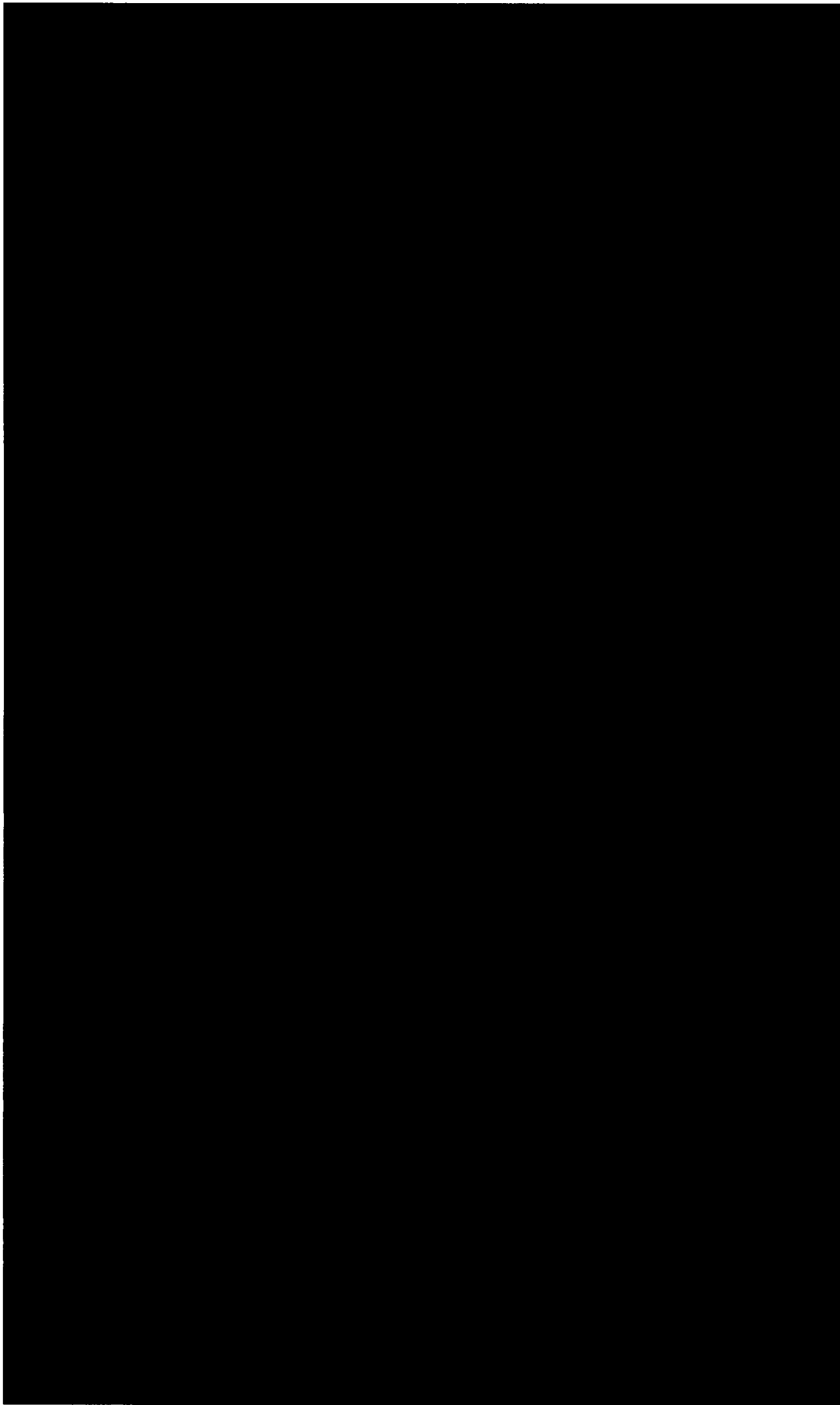
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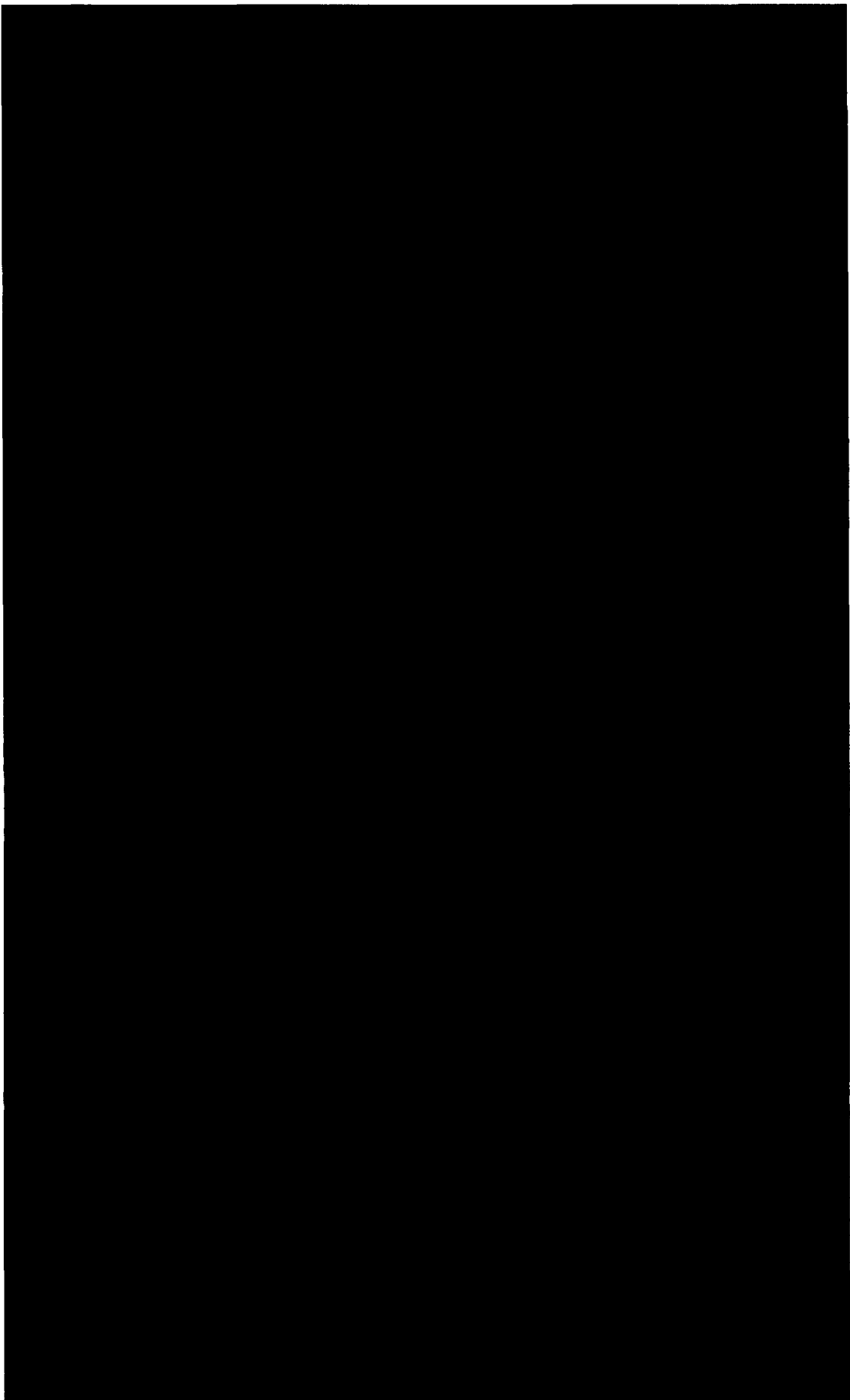
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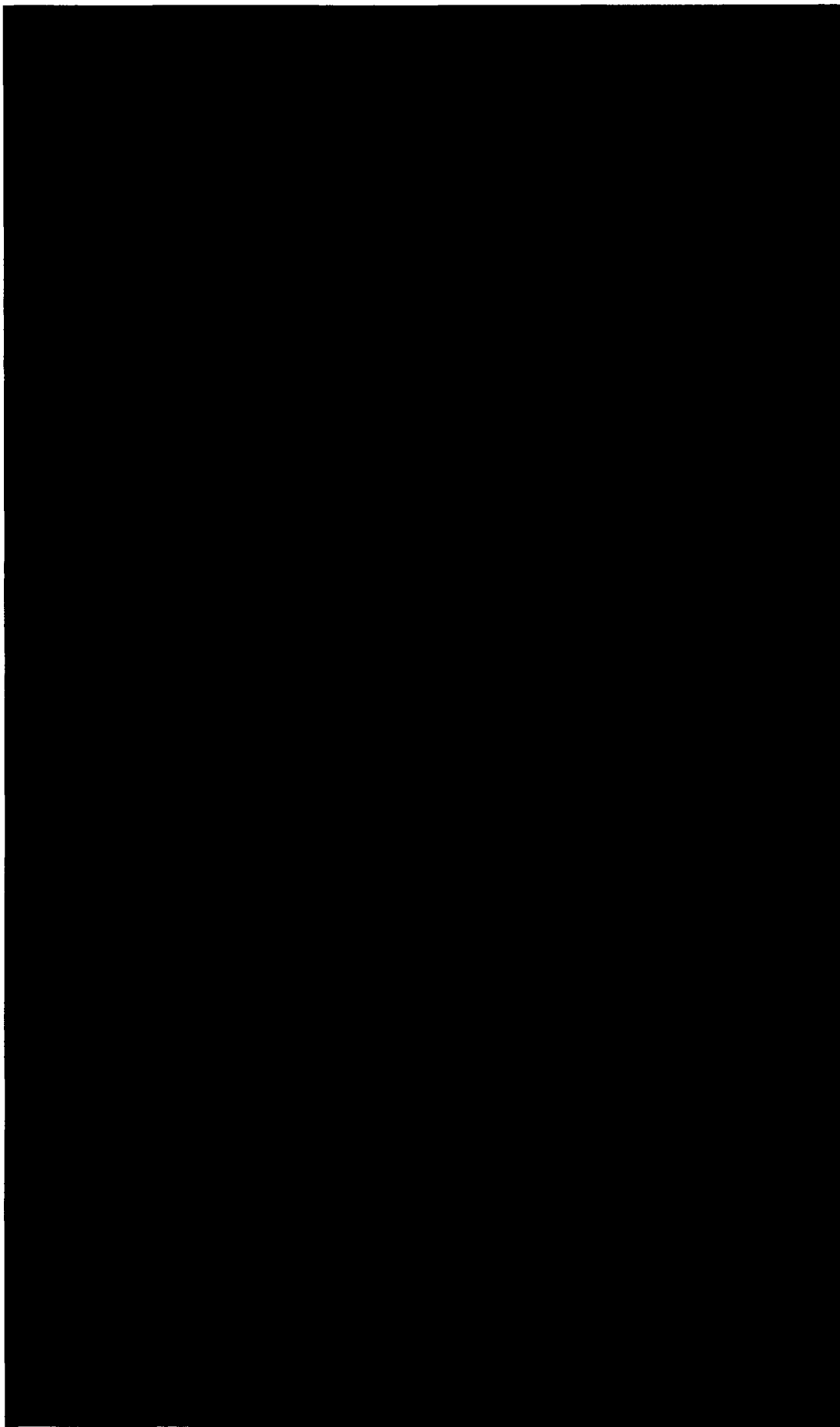
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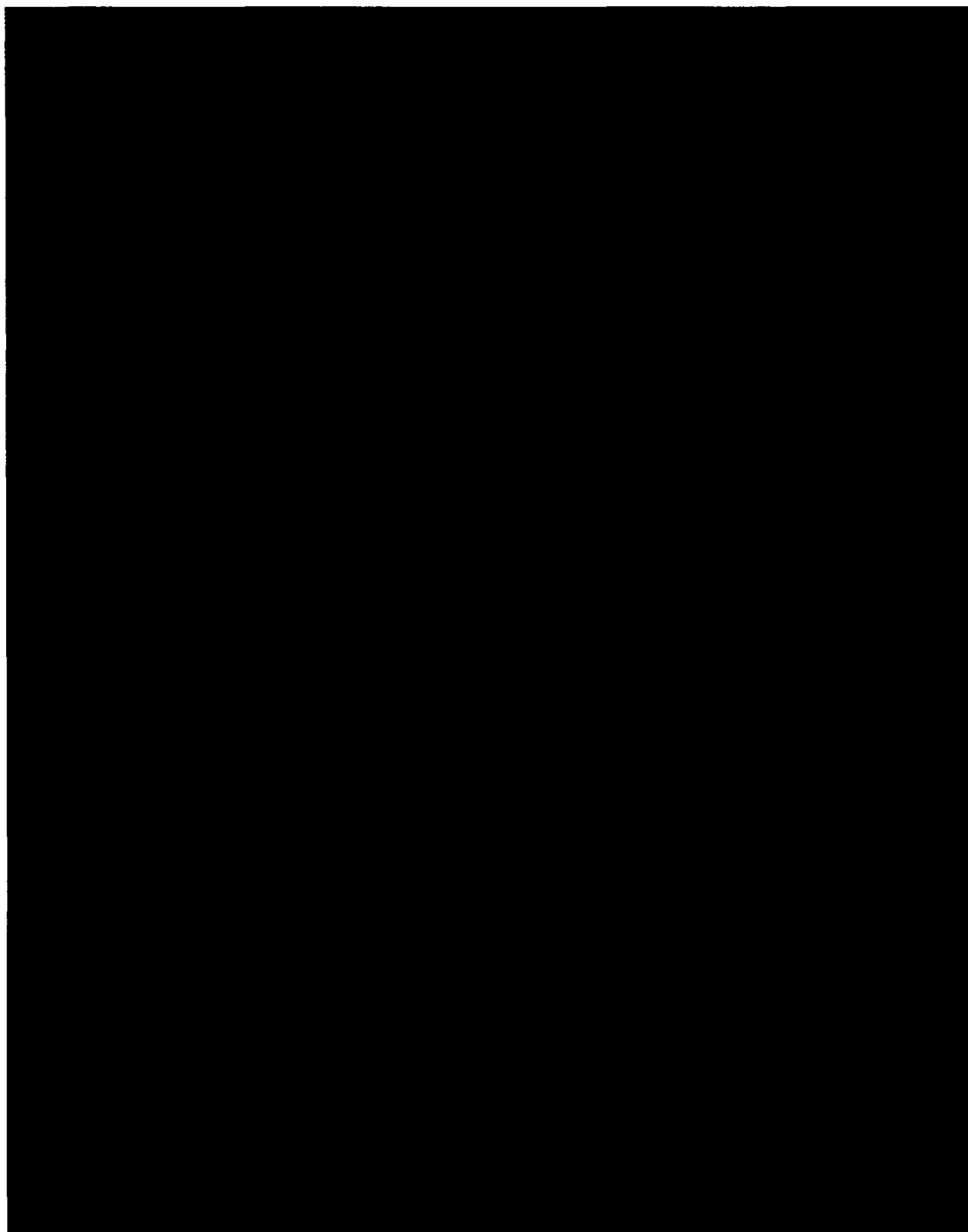
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CHAIRMAN JACZKO: Sure, bye. Okay, Bill?

MR. BORCHARDT: Yes.

CHAIRMAN JACZKO: So, Bill Ruland would be  
the right person?

MR. BORCHARDT: Yes, I think, Chairman,  
before you come in and ask, we had somebody that could

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1 provide some background to the press, that talks about  
2 BWR operations, how a boiler responds to an event,  
3 that's kind of general, maybe off the record  
4 information.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: So, we'd suggest that  
7 you're probably in the best position, those that are  
8 here tonight to do that.

9 CHAIRMAN JACZKO: So, can you -- let me  
10 try and get -- Eliot, did you get on the call?

11 MR. BRENNER: Yes, I'm on the call.

12 CHAIRMAN JACZKO: Okay, did you hear that  
13 exchange?

14 MR. BRENNER: I did.

15 CHAIRMAN JACZKO: Are you -- sorry, I  
16 jumped a little ahead of you, but I think we're at a  
17 point where it's probably good to start getting some  
18 kind of factual information like that.

19 MR. BRENNER: Yes, now, I apologize, I got  
20 in probably a second after it started.

21 The individual calling us was from DOE, is  
22 that correct?

23 CHAIRMAN JACZKO: [REDACTED]

24 [REDACTED]  
25 MR. BRENNER: Okay, good, good.

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1 CHAIRMAN JACZKO: So, if you can reach  
2 out, Eliot, then, with your White House press  
3 contacts, let them know [REDACTED], and we  
4 give them Bill Ruland's name, to do, I would say off  
5 the record briefings at this point, or background,  
6 whichever, you all will work it out.

7 MR. BRENNER: Yes, they can work it out,  
8 and I will run downstairs and send them a message, and  
9 you know, it will be up to them, at what point it will  
10 probably be something over at the White House.

11 CHAIRMAN JACZKO: Okay, Bill, you're  
12 prepared to do that?

13 MR. BORCHARDT: Yes, sir.

14 CHAIRMAN JACZKO: Okay, thank you.  
15 Anything else, everybody?

16 MR. BORCHARDT: No, what I was mentioning  
17 to you before, though, is just that we got this  
18 information from Michael Chenworth (phonetic) who is a  
19 NISA rep in D.C.

20 CHAIRMAN JACZKO: Okay.

21 MR. BORCHARDT: And he was giving us a  
22 message with no detail and no sense of time, because  
23 he's not technical guy, that -- indicating that Unit 1  
24 condition was degrading again.

25 CHAIRMAN JACZKO: Okay.

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1 MR. BORCHARDT: That something had  
2 happened, but he didn't know what, and he couldn't  
3 tell us what was being used to inject water into the  
4 reactor vessel.

5 So, yes, I don't, you would hope that it  
6 would have been a good, reliable source of  
7 information, but there is so little detail, it's hard  
8 to put it in context.

9 CHAIRMAN JACZKO: Okay, okay.

10 MR. BORCHARDT: And that's it.

11 CHAIRMAN JACZKO: Okay, well, thanks  
12 everybody, and again, let's keep focused and if we can  
13 keep -- I know you all are dealing with a lot, but if  
14 we can keep focused, to try and get some of the  
15 updated Q&A's down on paper, fairly soon, just to --  
16 the thinking for me is, I'd like to have a chance to  
17 look at them, not before it gets too late, so, I can -  
18 - if there is things we need to add or change, we can  
19 do that before the night is over and I'm going to  
20 operate right now, Bill, on the assumption that either  
21 by tomorrow or the day after, I'm going to probably  
22 have to be doing a lot of public discussions and  
23 communications.

24 So, I want to try and be as rested for  
25 that as possible.

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1 MR. BORCHARDT: Okay.

2 CHAIRMAN JACZKO: And you know, and trying  
3 to monitor an event at a Japanese facility is probably  
4 not going to be the most effective use of my time.

5 So, if we can get those Q&A's, I can start  
6 looking at them this evening, and then try and get a  
7 good night sleep tonight, and be ready to go tomorrow.

8 MR. BORCHARDT: Yes, I think Public  
9 Affairs is scrubbing the first chop on them.

10 CHAIRMAN JACZKO: Right.

11 MR. BORCHARDT: So, you should get them  
12 pretty soon.

13 CHAIRMAN JACZKO: Good, I appreciate it.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: Keep up the good work,  
16 everybody.

17 MR. BORCHARDT: All right, bye.

18 CHAIRMAN JACZKO: And if we do get calls  
19 from the White House, feel free to just, you know,  
20 patch me in, get me on the line.

21 MR. BORCHARDT: Okay.

22 CHAIRMAN JACZKO: Okay, thanks everybody.

23 MR. BORCHARDT: All right, bye.

24 (CONFERENCE CALL CONCLUDED)  
25

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9 (CONFERENCE CALL INITIATED)

10 OPERATIONS OFFICER: Chairman Jaczko is  
11 coming on the bridge.

12 MR. BORCHARDT: Okay.

13 CHAIRMAN JACZKO: Hi, everybody. I don't  
14 have anything to talk about. I just wanted to just  
15 keep a line on, and I'll put it on 'mute' here, but  
16 I'll be listening in.

17 MR. BORCHARDT: Okay, I just looked at the  
18 Q&A's that I think have been sent to you.

19 CHAIRMAN JACZKO: Yes.

20 MR. BORCHARDT: And I don't know if you've  
21 gotten them, quite yet. I told them that we could  
22 review them in parallel.

23 CHAIRMAN JACZKO: Great.

24 MR. BORCHARDT: But number seven, I think,  
25 is in need of some serious work. So, I wouldn't spend

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1 a lot of time on that.

2 CHAIRMAN JACZKO: Okay, good.

3 MR. BORCHARDT: All right, I'm going to  
4 put us on 'mute', also.

5 CHAIRMAN JACZKO: Okay, great, and yes,  
6 it's a great start and I appreciate it, and just a  
7 caveat, let's make sure we have all of this marked  
8 'OUO' and you know, properly kept secure.

9 MR. BORCHARDT: Okay, we'll do.

10 CHAIRMAN JACZKO: Hello?

11 MR. BORCHARDT: This is Bill Borchardt.  
12 Is there somebody on the line?

13 CHAIRMAN JACZKO: I think it's just me.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: I think they were just  
16 checking the line.

17 MR. BORCHARDT: Sorry.

18 CHAIRMAN JACZKO: No problem. Hey, Bill,  
19 I'm going to drop off this line, for now. Things seem  
20 to be quiet again. Give me a ring if something  
21 changes and otherwise, I'll just, for now, plan to get  
22 an update at 10 o'clock.

23 MR. BORCHARDT: Okay.

24 CHAIRMAN JACZKO: Okay, thanks.

25 MR. BORCHARDT: Bye.

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9 (CONFERENCE CALL INITIATED)

10 MR. BORCHARDT: Is the Chairman on the  
11 line? Can we give him a call?

12 CHAIRMAN JACZKO: Hello.

13 MR. BORCHARDT: Hi, Chairman. Bill, here.

14 CHAIRMAN JACZKO: How are you?

15 MR. BORCHARDT: Good. We just had a  
16 conference call going on with State right now, and  
17 probably two dozen other parties.

18 CHAIRMAN JACZKO: Okay.  
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CHAIRMAN JACZKO: Yes, the only things --  
I mean, that came up, one, was there was an effort to  
do -- run some scenarios.

MR. BORCHARDT: All right.

CHAIRMAN JACZKO: Which we did do.

MR. BORCHARDT: Yes.

CHAIRMAN JACZKO: There was -- I mean, the  
only really take-away I remember with that was -- and  
then putting together people to support a team, and  
then the third was, that I can remember, was just  
working to reach out to counterparts.

So, I think I indicated we would reach out  
to our counterparts again, to try and make contact,  
which has been unsuccessful.

MR. BORCHARDT: Okay, yes, that's ringing  
a bell. Okay, that's helpful, good. Sorry, to bother  
you.

CHAIRMAN JACZKO: No problem.

MALE PARTICIPANT: We've got some new  
information, Chairman.

CHAIRMAN JACZKO: Yes.

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1 MALE PARTICIPANT: And Japanese  
2 television.

3 MALE PARTICIPANT: -- and Japanese  
4 television, who said that there was the -- the level  
5 in Unit 3 was at -3 meters, and that's all they said,  
6 and we then got on the horn with General Electric, and  
7 they confirmed that the reference level was the top of  
8 the active fuel.

9 CHAIRMAN JACZKO: Okay.

10 MALE PARTICIPANT: So, if that's the  
11 case, in other words, the reference level hadn't  
12 changed, since the plant was designed and built by  
13 General Electric --

14 CHAIRMAN JACZKO: That means that there is  
15 three meters uncovered?

16 MALE PARTICIPANT: That puts ahead of 12  
17 meters of the fuel, uncovered.

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1 CHAIRMAN JACZKO: Okay.

2 MALE PARTICIPANT: So, I hope I'm wrong,  
3 and I hope you tell me a week from now, I got you  
4 upset unnecessarily, but we're looking at that right  
5 now.

6 CHAIRMAN JACZKO: Okay, well, assuming  
7 that information is accurate, what do we need to be  
8 doing?

9 MALE PARTICIPANT: Can we think about  
10 that?

11 MALE PARTICIPANT: One of the things we  
12 have done, Chairman, one of the things we have done is  
13 try to -- for Unit 1, in particular, and they were  
14 saying they were having a tough time getting flow into  
15 the reactor, that there might be a precipitation  
16 problem, meaning -- and by that, I mean, you know,  
17 they have been putting sea water and boric acid and  
18 boron, ultimately boric acid into these reactors, and  
19 of course, it boils off.

20 CHAIRMAN JACZKO: Yes.

21 MALE PARTICIPANT: So, you essentially  
22 have a concentrator, and one of the things that we do  
23 for our reviews, for licensees is, we make sure that  
24 there are licensees that can combat, you know, that  
25 boric acid precipitation does not occur.

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1 CHAIRMAN JACZKO: Yes.

2 MALE PARTICIPANT: And it's not clear to  
3 us, at this stage, that particularly if they're  
4 sticking sea water into the plant --

5 CHAIRMAN JACZKO: Right, would you also  
6 get whatever minerals -- you know, mineral  
7 calcification or whatever, from the --

8 MALE PARTICIPANT: That is correct.

9 CHAIRMAN JACZKO: Yes.

10 MALE PARTICIPANT: Now, this is just a  
11 staff 'what-if' at this stage. We have no  
12 confirmation about that, but we have talked to the OIT  
13 folks and said, you know, "The next time you talk to  
14 somebody from Japan, could you just ask them that  
15 question, about precipitation, and if they considered  
16 it?"

17 Our contact is not a technical person, but  
18 at the very least, he might ask that of the technical  
19 people and we might get some sort of idea if this is a  
20 concern or isn't.

21 But meanwhile, we're trying to do some  
22 calculations to kind of scope this out.

23 CHAIRMAN JACZKO: Okay, can I get -- can  
24 you put the 'who's' back on?

25 OPERATIONS OFFICER: This is the WHO.

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1 CHAIRMAN JACZKO: Hi, can you see if you  
2 can get in contact with DOE's Op Center, and see if  
3 you can get Dan Poneman for me?

4 OPERATIONS OFFICER: Dan Porterman, we'll  
5 work on that right now.

6 CHAIRMAN JACZKO: Poneman, P-O-N-E-M-A-N.

7 OPERATIONS OFFICER: I understand, Poneman.

8 CHAIRMAN JACZKO: Thank you. I'll see if  
9 we can DOE on the line, and see if they have any  
10 comparable information.

11 MALE PARTICIPANT: Okay.

12 CHAIRMAN JACZKO: Now, CNN just had kind  
13 of some schematics of a reactor on. I don't know if  
14 you saw that.

15 MR. BORCHARDT: No, we're watching NHK,  
16 this Japanese station.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: Right, we saw it on  
19 our -- it looks like it's a weatherman, explaining how  
20 a nuclear plant works.

21 CHAIRMAN JACZKO: Yes.

22 MALE PARTICIPANT: Yes, I'm sorry.

23 CHAIRMAN JACZKO: See if we can get Eliot  
24 on the line, too.

25 MR. BORCHARDT: Okay, we'll ask them to

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1 work on that.

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13 MR. BORCHARDT: Right, so, I mean, I think  
14 if you wanted to make it even simpler, the core was  
15 nearly completely uncovered.

16 CHAIRMAN JACZKO: Uncovered, yes.

17 MR. BORCHARDT: And that's Unit 3.

18 CHAIRMAN JACZKO: Do we have an -- I mean,  
19 just a back of the envelope? At the point at which  
20 the core is completely uncovered, I mean, how long  
21 until you've got complete loss of integrity in the  
22 fuel, or structural integrity?

23 MALE PARTICIPANT: Commissioner, it  
24 depends on how long the plants has been shut down.  
25 It's been shut down for several days, but -- or about

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1 two days.

2 Even so, it can't be uncovered for more  
3 than half an hour or so, or it's going to be severely  
4 damaged.

5 CHAIRMAN JACZKO: Okay, so, we're talking  
6 approximately hours, hour time frame, rather than  
7 multiple hours?

8 MALE PARTICIPANT: Yes, sir.

9 MR. BRENNER: Am I now on the ET bridge?

10 CHAIRMAN JACZKO: Yes.

11 MR. BRENNER: Thanks.

12 CHAIRMAN JACZKO: Eliot?

13 MR. BRENNER: Yes, it is.

14 CHAIRMAN JACZKO: Okay, can you continue  
15 to pulse press folks at the White House, that we --  
16 I'm starting to get concerned that we need to get some  
17 credible technical people talking.

18 MR. BRENNER: One of the things I'm going  
19 to do, right now {interference}.

20 CHAIRMAN JACZKO: I'm sorry, did someone  
21 want to say something?

22 [REDACTED]  
23 [REDACTED] [REDACTED] [REDACTED]  
24 [REDACTED] [REDACTED] [REDACTED]  
25 [REDACTED]

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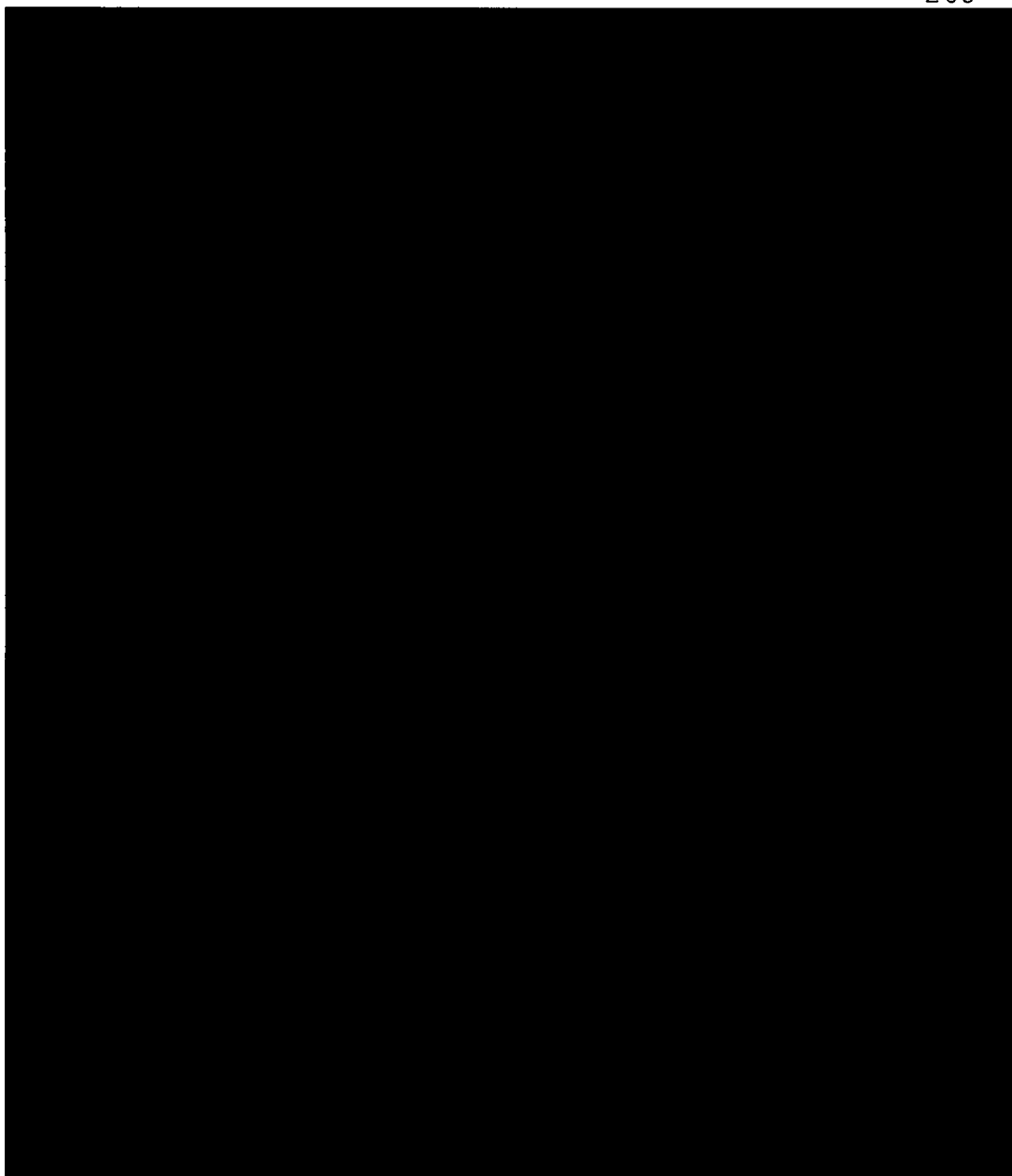
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CHAIRMAN JACZKO: Okay.

MS. DOANE: So, the Ambassador wants to speak to you, either you or the executive committee, whoever can get on the phone call.

CHAIRMAN JACZKO: Okay, we're working right now to get Dan Poneman on. Are the WHO's on the line?

OPERATIONS OFFICER: This is the WHO. He

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1 is on another line, and I'm just waiting for him to  
2 call in.

3 CHAIRMAN JACZKO: Okay, can we get -- is  
4 the Ambassador ready to come on right now?

5 MS. DOANE: No, I have to go to another  
6 room to find out.

7 CHAIRMAN JACZKO: Okay.

8 MS. DOANE: I can get him on. Would you  
9 like to speak to him now?

10 CHAIRMAN JACZKO: Can you work that with  
11 the WHO, so we get everybody coordinated and in synch,  
12 but I think the Ambassador would be a priority, right  
13 now.

14 MS. DOANE: Okay, okay, thanks.

15 CHAIRMAN JACZKO: Can I do a little bit of  
16 'what-if' thinking here?

17 MR. BORCHARDT: Sir.

18 CHAIRMAN JACZKO: In most of the  
19 conversations I've had with our Federal counterparts,  
20 I've indicated that we're not looking at a Chernobyl  
21 type scenario.

22 Now, again, obviously, from the reactor  
23 physics, we're not looking at a Chernobyl type  
24 scenario, but if we were to have multiple units with  
25 significant core melt, would we -- I mean, would we be

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1 looking at the potential for a release of material,  
2 essentially, a source term that's comparable to that,  
3 or not? Again, just a best guess.

4 MALE PARTICIPANT: I think my best guess  
5 is that it still wouldn't, because number one, we  
6 still have in tact containment.

7 CHAIRMAN JACZKO: Yes.

8 MALE PARTICIPANT: They might have to  
9 vent the containment, but it would be, you know,  
10 hopefully, a controlled release.

11 We have the wind still going out to sea,  
12 and so, for those two major reasons, I mean, Chernobyl  
13 was an explosion and fire --

14 CHAIRMAN JACZKO: Yes.

15 MALE PARTICIPANT: -- unfiltered, right  
16 unfiltered release.

17 CHAIRMAN JACZKO: Okay.

18 MALE PARTICIPANT: So, there is still a  
19 significant difference, I believe.

20 CHAIRMAN JACZKO: Okay, and again, just to  
21 kind of get everybody's best judgment, do we get into  
22 a situation where we start to have to think about the  
23 potential for at least measurements of material, say,  
24 in Hawaii or Alaska, depending on wind conditions?

25 MALE PARTICIPANT: Wow, I mean, that is

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1 such a long distance, and there would be so much  
2 dispersion. I mean, we're talking thousands of miles.

3 CHAIRMAN JACZKO: Yes, yes.

4 MALE PARTICIPANT: So, you know, I would  
5 -- you might have something detectable --

6 MALE PARTICIPANT: There might be a trace  
7 there.

8 MALE PARTICIPANT: -- but I can't imagine  
9 that it would be -- have any impact.

10 CHAIRMAN JACZKO: Okay, good, again, just  
11 to -- just want your best guesses here, appreciate it.  
12 Just gives me context.

13 MALE PARTICIPANT: Okay.

14 MALE PARTICIPANT: Speaking of context, I  
15 seen a story out of Washington State, state monitoring  
16 radiation levels to determine if event poses threat.

17 CHAIRMAN JACZKO: Okay, and I did -- if  
18 Bill Ruland is still there, or whoever, was it Bill?  
19 Somebody that -- or maybe it was Scott, I think,  
20 raised the issue of us having some monitoring  
21 capabilities, somewhere to --

22 MALE PARTICIPANT: Yes, that was earlier.

23 CHAIRMAN JACZKO: Yes, I did raise that in  
24 the D.C. and people listened.

25 MALE PARTICIPANT: Okay, listen, well, I

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1 have not really had much chance to watch any news  
2 since the 7 o'clock call.

3 CHAIRMAN JACZKO: Yes.

4 MALE PARTICIPANT: And I was curious,  
5 what is it that's pushing your thoughts toward leaning  
6 harder on the White House?

7 CHAIRMAN JACZKO: They had Bill  
8 (inaudible), the science guy, and their weatherman  
9 explaining reactor physics.

10 MALE PARTICIPANT: Excuse me.

11 CHAIRMAN JACZKO: I think there is a point  
12 at which we would rather have, maybe not on camera,  
13 but at least knowing that on background, they're  
14 hearing from our people, or DOE's, but I don't  
15 particularly care whose people it is, but somebody who  
16 spends their day doing reactor physics.

17 MALE PARTICIPANT: Which outlet was this?

18 CHAIRMAN JACZKO: CNN.

19 MALE PARTICIPANT: Okay.

20 CHAIRMAN JACZKO: So, I think there is,  
21 you know -- it's one thing if we're, you know, not  
22 commenting on Japan, but I think kind of the Reactor  
23 101, I think is much better coming from us.

24 MALE PARTICIPANT: All right, I'll push a  
25 message off to my counterparts, as soon as we get off

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1 the call.

2 CHAIRMAN JACZKO: Okay, and then right  
3 now, the most pressing issue, I think, is this  
4 information, again, unconfirmed, so, we don't know the  
5 validity of it, but the possibility of a significant  
6 core exposure.

7 MALE PARTICIPANT: Which unit?

8 CHAIRMAN JACZKO: Apparently, Bill, Unit  
9 3, is that correct? Did we lose Bill?

10 MR. BORCHARDT: I'm still here. We're  
11 trying to -- we're watching this NHK.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: This channel, and it's --

14 MALE PARTICIPANT: Which unit is it?

15 MR. BORCHARDT: -- we have the Japanese  
16 Chief Cabinet Secretary, who we understand, is going  
17 to talk about core damage.

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: And this is a unit in  
20 the same complex?

21 CHAIRMAN JACZKO: That's my understanding.

22 MALE PARTICIPANT: Okay.

23 MALE PARTICIPANT: Yes, it is.

24 MALE PARTICIPANT: Okay, thank you.

25 CHAIRMAN JACZKO: Now, interestingly

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1 enough, I'm watching CNN, and they're not on the  
2 nuclear units, right now, which is a good thing.

3 MALE PARTICIPANT: Well, it's Saturday  
4 night basketball night, or whatever. I mean, really,  
5 it's the American attention span that's not that  
6 great. What channel is CNN?

7 FEMALE PARTICIPANT: Seventy-one.

8 MALE PARTICIPANT: I don't know how to  
9 discontinue that.

10 (OTR comments)

11 CHAIRMAN JACZKO: Hey, Eliot, you're on an  
12 open one.

13 MR. BRENNER: Sorry, I'm technologically  
14 challenged, when it comes to my television.

15 CHAIRMAN JACZKO: Are the WHOS on?

16 OPERATIONS OFFICER: This is the WHO.

17 CHAIRMAN JACZKO: Any progress update on  
18 the couple of calls?

19 OPERATIONS OFFICER: Mr. Poneman, he was  
20 on another call, I'm trying to get through to him,  
21 again.

22 CHAIRMAN JACZKO: Okay, great.

23 OPERATIONS OFFICER: And the Japanese  
24 Ambassador has not yet called in.

25 CHAIRMAN JACZKO: Okay, good, thank you.

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1 MALE PARTICIPANT: Chairman, Josh is on  
2 the line.

3 CHAIRMAN JACZKO: Hi.

4 OPERATIONS OFFICER: Mr. Poneman is coming  
5 up, now.

6 CHAIRMAN JACZKO: Okay, great. Hey, Dan?

7 MR. PONEMAN: Hello.

8 CHAIRMAN JACZKO: Dan?

9 MR. PONEMAN: Yes.

10 CHAIRMAN JACZKO: Hi, it's Greg, and I  
11 have some of our technical folks here. You're on a  
12 bridge with probably about six or seven people.

13  
14  
15  
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17 But, and Bill, if you're on, if you can  
18 just confirm, and just listen, make sure I get this  
19 right.

20 MR. BORCHARDT: I will.

21 CHAIRMAN JACZKO: Right now, we got a  
22 report from them that they were listening to Japanese  
23 television and translating, or translating Japanese  
24 newspapers or press, that indicated that one of the --  
25 the third unit, apparently at Daiichi is -- would have

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1 almost the entire core uncovered at this time, which  
2 would be more significant than anything we've seen at  
3 this point.

4 I don't know if you're hearing anything  
5 similar, through any of your channels or can verify  
6 that or confirm that.

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13 I said, "Was that Unit 1 or Unit 3,"  
14 because we had heard about problems with Unit 3,  
15 didn't know, they answered the question.

16 I did hear, also, and this is all  
17 unverified, and one of the concerning things is, you  
18 know, we just are not getting clear facts, as opposed  
19 to swirl, and we don't know which is which.

20 But that the Germans have -- and I don't  
21 know over what radius, have asked their citizens to  
22 withdraw from the area.

23 So, this stuff is kind of eaten up. I'm  
24 just right now, in the process of seeing if I can get  
25 a hold of (inaudible) because what's going to happen

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1 is, until we get -- and we're all sensitive to not  
2 trying to basically, take all the oxygen in the room,  
3 while they're trying to manage this crisis, on the one  
4 hand. On the other hand, things are going to get very  
5 panicked, if we can't have some official conduit.

6 Now, one thing strikes me, we need to do,  
7 is find out what information has come through that  
8 channel that Warren Stern was talking about on the  
9 conference today.

10 So, that is the next thing on my list. I  
11 have reached out to (inaudible), to see if he can take  
12 a call. [REDACTED] is standing by, ready to call  
13 (inaudible) if we don't reach Condo.

14 But I don't know, Greg, we may need to,  
15 you know, gather people up on some kind of a  
16 conference call here, just to prevent too much  
17 confusion among our various agencies, before long, I'm  
18 thinking we may need to do that here.

19 CHAIRMAN JACZKO: I would agree. I think  
20 we may be at a point where we may need to do that,  
21 relatively soon.

22 You know, again, if the information that I  
23 had was true, it's -- you know, and again, these are  
24 estimates, but it's approximately hour, half-hour kind  
25 of time frame, before you would see really significant

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1 damage to the fuel, if the core were uncovered. So,  
2 it's not a lot of time.

3 We did get a call from the Japanese  
4 Ambassador, again, Bill or Margie, if you're on, if  
5 you can correct me if I'm wrong, looking for some help  
6 crafting a message, essentially, that they could  
7 release to the U.S.

8 MR. BORCHARDT: Yes, it was the U.S.  
9 Ambassador in Japan.

10 CHAIRMAN JACZKO: I'm sorry, the U.S.  
11 Ambassador in Japan, okay, so, I got that wrong.

12 So, we have that, that we're trying to get  
13 a hold of them, if they need our assistance with that,  
14 and --

15 MALE PARTICIPANT: You know, I think at  
16 this point, I think we need to just keep -- I think we  
17 need to get people on the line.

18 CHAIRMAN JACZKO: Okay.

19 MALE PARTICIPANT: So, if I can't get  
20 Condo in the next few minutes here, then I'm going to  
21 suggest that at like {interference} -- have our ops  
22 people reach out and otherwise, we're going to be just  
23 flying around here, and that's not good.

24 CHAIRMAN JACZKO: Okay, good, let's do  
25 that. So, we'll stand down. We won't proceed to

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1 anything, until we get that, we get that call set up,  
2 and now, you'll take care of getting -- reaching out  
3 to whoever needs to be reached out to, to do that?

4 MALE PARTICIPANT: Yes, we'll reach out.

5 I'm just going to stay on the other line, now, and  
6 we'll reach out to you, as well.

7 CHAIRMAN JACZKO: Okay, good, thanks.

8 MALE PARTICIPANT: Thanks.

9 MR. BORCHARDT: Okay, Chairman, so, we'll  
10 stand by.

11 CHAIRMAN JACZKO: Yes.

12 MR. BORCHARDT: We'll keep monitoring this  
13 one channel.

14 CHAIRMAN JACZKO: Okay.

15 MR. BORCHARDT: We'll see if we get any  
16 new information.

17 CHAIRMAN JACZKO: All right.

18 MR. BORCHARDT: Most of what we're getting  
19 now is recorded stuff, so, it's kind of -- I think  
20 it's not what we need to hear.

21 CHAIRMAN JACZKO: Okay.

22 MS. DOANE: We've reached out to  
23 (inaudible) and told them to come into the bridge line  
24 with the executive team. I think he's trying to get  
25 information, or is getting information from the

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1 Government of Japan. So, that could be helpful.

2 CHAIRMAN JACZKO: Okay, so, Margie, if you  
3 can keep an eye on that, too, and then you know, the  
4 preference probably is for him to be talking not just  
5 to us, but to everybody.

6 So, you know, if you need specific things,  
7 we'll talk to him directly, but if we get this other  
8 call, it might be better for him to get on that other  
9 call.

10 MR. BORCHARDT: Poneman was cutting in and  
11 out, for us. Did he have a proposed time that we were  
12 going to have this call?

13 CHAIRMAN JACZKO: I didn't get one.

14 MR. BORCHARDT: Okay, all right. So,  
15 Margie, if you tell the Ambassador that we're trying  
16 to set up this call, this would be a great opportunity  
17 to get a single position established.

18 MS. DOANE: Okay, I will try to set up  
19 that call. If he wants to speak to you before, I  
20 think you should just keep the lines open.

21 CHAIRMAN JACZKO: Absolutely, I'll stay on  
22 the line here, if he wants to speak to us before, just  
23 bring him in.

24 MR. BORCHARDT: Okay, thank you.

25 CHAIRMAN JACZKO: Bill?

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1 MR. BORCHARDT: Yes.

2 CHAIRMAN JACZKO: Do we have an direct  
3 contact with Tony?

4 MR. BORCHARDT: No, not yet.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Not since he's landed. We  
7 talked to him four hours ago, maybe. I think he  
8 talked to the PCE, but he was in Anchorage, Alaska at  
9 the time.

10 CHAIRMAN JACZKO: Okay, so, he has not  
11 landed in Japan, yet?

12 MR. BORCHARDT: Not that we've heard.

13 CHAIRMAN JACZKO: Okay, can somebody at  
14 least make an attempt to reach out to him, in case he  
15 has?

16 MR. BORCHARDT: Sure, we'll do that.

17 CHAIRMAN JACZKO: Okay, thanks. Are you  
18 all -- do you all have CNN on one channel?

19 MR. BORCHARDT: I have not been watching  
20 CNN.

21 MALE PARTICIPANT: The science guy.

22 MR. BORCHARDT: You've been watching him?

23 MALE PARTICIPANT: Yes, he's there. He's  
24 not there anymore, but it was (inaudible), the science  
25 guy.

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1 CHAIRMAN JACZKO: Eliot, are you still on?

2 MR. BRENNER: Yes, I am.

3 CHAIRMAN JACZKO: Have you had any luck  
4 with the White House?

5 MR. BRENNER: No, I'm actually fixing to  
6 push the button on a message now.

7 CHAIRMAN JACZKO: Okay, because I think  
8 there is a high degree of speculation. I'm getting a  
9 little bit uncomfortable, that we don't have more  
10 credible voices right now.

11 You know, if nothing else, just somebody  
12 was going to get on there and say we don't have  
13 accurate information, right now. We're not going to  
14 speculate. Here is what we know. I think that would  
15 be helpful.

16 MR. BORCHARDT: Okay, we left voice-mail  
17 on (inaudible) area of the satellite for Tony, also.

18 CHAIRMAN JACZKO: Okay, thank you.

19 MALE PARTICIPANT: He's in the air, sir.

20 CHAIRMAN JACZKO: Okay. Eliot, did you  
21 ever make contact with Diaz?

22 MR. BRENNER: I sent an email to all three  
23 players.

24 CHAIRMAN JACZKO: Okay.

25 MR. BRENNER: Haven't had a chance to get

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1 him on the phone.

2 CHAIRMAN JACZKO: Okay, because you know,  
3 that may be another option, is to get one of them on,  
4 and of the three, my preference is probably Diaz.

5 MR. BRENNER: Okay, I will -- I'll tell  
6 you what I'll do, is I'll send a note to Jean Mazzura  
7 and pass on his contacts.

8 CHAIRMAN JACZKO: Okay.

9 MR. BRENNER: And I'm about to push the  
10 button on a note, I'm blind-carboning you on it.

11 CHAIRMAN JACZKO: Okay, good.

12 OPERATIONS OFFICER: (Inaudible) is coming  
13 up on the bridge, in preparation for the Chairman's  
14 briefing.

15 CHAIRMAN JACZKO: Bill?

16 MR. BORCHARDT: We were scheduled to do  
17 kind of an update at 10 o'clock. I would seek your  
18 recommendation on whether there is still information  
19 to brief at this point, or we'll just kind of hold on  
20 the line, until we get some of the other results.

21 MR. BORCHARDT: Yes, I think we just wait,  
22 because whatever we tell you in four minutes, is going  
23 to be out of date as soon as we get the first  
24 conference call.

25 CHAIRMAN JACZKO: Okay, sounds good.

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1 MR. BORCHARDT: So, Josh, are you on?

2 JOSH: Yes, Josh is here.

3 MR. BORCHARDT: Yes, so, we're, I think in  
4 the middle of some of evolving information, some  
5 unclear status on Unit 3, and the electric -- some  
6 unknown status on Unit 1.

7 We're trying -- the Chairman has talked to  
8 Poneman, and Poneman is off trying to gather a group  
9 of individuals to have a conference call that we would  
10 be part of, to get us all on the same page, at a  
certain time, [REDACTED]

14 [REDACTED]

15 So, Margie just came in and just said that  
16 they had gotten word to him, that we're ready to  
17 answer his call, whenever he wants, but that also,  
18 told him about this conference call that's being set  
19 up and suggested that would be the best opportunity,  
20 if it works out, for him to get input and to give us  
21 whatever information he has.

22 So, we're somewhat in stand-by now,  
23 waiting for Poneman and the Ambassador.

24 JOSH: Great, thank you.

25 CHAIRMAN JACZKO: Bill, are you on?

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1 MR. BORCHARDT: Yes, we were just  
2 watching CNN. I was just having a stroke, at what this  
3 one guy was saying.

4 CHAIRMAN JACZKO: Is he talking reactors?

5 MR. BORCHARDT: Well, he was talking --  
6 it's this guy in Tokyo, who is kind of giving a  
7 summary of what he understands, and he had -- he must  
8 have had 40 inaccurate statements, you know, about how  
9 iodine protects you from all radiation.

10 CHAIRMAN JACZKO: Okay.

11 MR. BORCHARDT: You know, that -- I  
12 don't know, it was just bad.

13 CHAIRMAN JACZKO: But maybe that answers  
14 the question I was about to ask you.

15 I'm going to send an email right now, to  
16 probably the last person we talked to [REDACTED] 6  
17 [REDACTED] just really pushing hard, that we  
18 need a credible expert, now talking.

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: Would you concur?

21 MR. BORCHARDT: Yes, I think so.

22 CHAIRMAN JACZKO: Okay.

23 MR. BORCHARDT: Because certainly, a lot  
24 of mis-information going out, right now.

25 MR. BRENNER: And my staff is sending me

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1 notes about how bad it is.

2 CHAIRMAN JACZKO: Eliot, I mean, do you  
3 think we should offer up somebody?

4 MR. BRENNER: Well, at this hour, no.

5 CHAIRMAN JACZKO: Okay.

6 MR. BRENNER: Tomorrow morning, maybe.

7 CHAIRMAN JACZKO: Okay.

8 MR. BRENNER: Why don't you send your  
9 note?

10 CHAIRMAN JACZKO: Yes, I'm going to send  
11 it right now.

12 MR. BRENNER: Yes.

13 CHAIRMAN JACZKO: I'll BCC you and Bill.

14 MR. BRENNER: All right, thanks.

15 CHAIRMAN JACZKO: Okay, I sent the email.  
16 I CC'ed you, Bill, and Eliot.

17 MR. BORCHARDT: Thank you.

18 MR. BRENNER: Got it. Hey, Boss, I was  
19 just reading some of the clips here, and I see that --  
20 I keep seeing Peter Bradford quoted all over the  
21 place.

22 CHAIRMAN JACZKO: Yes.

23 MR. BRENNER: It references a conference  
24 call organized by nuclear opponents.

25 CHAIRMAN JACZKO: I saw that there was a

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1 reference, or I saw a story on one of the aggregate  
2 sites, with a bunch of different people.

3 MR. BRENNER: Yes.

4 CHAIRMAN JACZKO: And he had some quotes  
5 in there.

6 MR. BRENNER: And there is a post piece by  
7 Joel Lochenbock (phonetic), the usual suspects are all  
8 over that piece.

9 CHAIRMAN JACZKO: Okay, I mean, at what  
10 point do we strike out on our own? I mean, I guess  
11 it's probably too late tonight at this point. Nobody  
12 is watching the news anymore.

13 MR. BRENNER: Yes, at this hour tonight,  
14 no. But I think tomorrow, we're probably going to  
15 have to do some of that.

16 CHAIRMAN JACZKO: Okay.

17 MR. BRENNER: We have in effect, by being  
18 good team players, seeded the field.

19 CHAIRMAN JACZKO: Yes, well, I would still  
20 -- I mean, again, in the end, there is just still very  
21 little information we can talk about. I mean, we just  
22 don't know enough.

23 MR. BRENNER: Yes.

24 CHAIRMAN JACZKO: Now, we're back to Bill  
25 Nye and the meteorologist.

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1 MR. BRENNER: Yes, it doesn't stop my  
2 desire to go out and blacken a few eyes.

3 CHAIRMAN JACZKO: Hey, Eliot?

4 MR. BRENNER: Yes.

5 CHAIRMAN JACZKO: Are you at least doing  
6 background off the record stuff that reporter do call  
7 in?

8 MR. BRENNER: Yes.

9 CHAIRMAN JACZKO: Okay.

10 FEMALE PARTICIPANT: Eliot, are you on the  
11 line?

12 MR. BRENNER: Yes, I am.

13 FEMALE PARTICIPANT: Did I miss the 10  
14 o'clock call?

15 MR. BRENNER: No, we are holding to see if  
16 the U.S. Ambassador in Japan will come on.

17 FEMALE PARTICIPANT: Okay, thank you.

18 CHAIRMAN JACZKO: Hey, Bill?

19 MR. BORCHARDT: Yes.

20 CHAIRMAN JACZKO: I'd like your  
21 recommendation on what you think would be the best use  
22 of my time at this point.

23 MR. BORCHARDT: Well, I mean, I think if  
24 we get back with Poneman or the Ambassador, to be  
25 involved with that call, and after that, I'd just

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1 engage and try to get some rest, to be honest with  
2 you, especially if the White House decides to get  
3 active on communication, if you're going to be the  
4 front guy, you want to be on your game.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: Well, you know, I mean,  
7 I think it would be good to have you on the call with  
8 the Ambassador and Poneman, if at all possible.

9 CHAIRMAN JACZKO: Okay, I agree, I think  
10 that's a good recommendation. I am going to plan now  
11 then to get off the bridge. If those others do get  
12 on, then call me, and otherwise, I'm going to start  
13 getting ready for bed.

14 MR. BORCHARDT: Okay.

15 CHAIRMAN JACZKO: But do call and wake me  
16 up if you need to, and or of course, if any other  
17 information changes, and we'll go from there.

18 MR. BORCHARDT: Okay, and then we'll --  
19 I think maybe if -- maybe like at 6:00 a.m., what time  
20 would you like to do the brief tomorrow morning?

21 CHAIRMAN JACZKO: How about a 7:00 a.m.  
22 brief?

23 MR. BORCHARDT: Seven o'clock, okay.  
24 That will be good, because that's when -- Mike Weber  
25 is coming to relieve me.

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1 CHAIRMAN JACZKO: Okay.

2 MR. BORCHARDT: And he'll be going off  
3 shift at that time, so, he'll be up to speed and have  
4 continuity, that would be a good time.

5 CHAIRMAN JACZKO: Okay, okay, good.

6 OPERATIONS OFFICER: Dr. Lyons from DOE is  
7 coming on the line.

8 CHAIRMAN JACZKO: Okay.

9 MR. BORCHARDT: Okay, thank you.

10 DR. LYONS: David Lyons.

11 CHAIRMAN JACZKO: How are you?

12 DR. LYONS: Well, tired, like you are. I  
13 got your email, saying we should call you, Greg.

14 CHAIRMAN JACZKO: That may have been an  
15 old one.

16 DR. LYONS: Okay, I'm sorry, okay. Did  
17 you --

18 CHAIRMAN JACZKO: I talked to -- Dan came  
19 on, about maybe 30 or 35 minutes ago. I relay to you,  
20 what I relayed to him, and again, Bill Borchardt is on  
21 the line, too. Bill, correct me if I get anything  
22 wrong.

23

24

25

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1 [REDACTED] 5  
2 [REDACTED]  
3 [REDACTED]  
4 [REDACTED]  
5 [REDACTED]  
6 We doubled back with GE. GE indicated  
7 that based on their design concept, zero level would  
8 be at the top of fuel.

9 So, -3 meters would indicate, now, this is  
10 our extrapolation, that -3 meters would indicate that  
11 the core has been uncovered, fully, or pretty much  
12 close to fully.  
13 [REDACTED]  
14 [REDACTED]  
15 [REDACTED]  
16 [REDACTED]  
17 [REDACTED] 5  
18 [REDACTED]  
19 [REDACTED]  
20 [REDACTED]  
21 [REDACTED]  
22 [REDACTED]  
23 [REDACTED]  
24 [REDACTED]  
25 [REDACTED]

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CHAIRMAN JACZKO: Okay, well, I appreciate  
that. I think, Bill, unless you disagree, we're

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1 probably not going to necessarily comment specifically  
2 on any action, since we don't have any situational  
3 awareness of where they are.

4 But that's helpful information, and you  
5 know, again, the report we had was unconfirmed and not  
6 really corroborated.

7 So, it's unclear what, if anything, it  
8 means.

9 DR. LYONS: Well, all I can say is that we  
10 asked specifically multiple times, and Condo never  
11 agreed that the core was uncovered.

12 CHAIRMAN JACZKO: Okay, good.

13 DR. LYONS: Okay, thank you, Greg.

14 CHAIRMAN JACZKO: Thanks.

15 DR. LYONS: Take care.

16 CHAIRMAN JACZKO: Okay, good.

17 DR. LYONS: Good night.

18 MR. BORCHARDT: Okay, so, well, we got  
19 that and you know, so, we'll wait to see if the  
20 Ambassador calls, and I guess since that called  
21 happened, we shouldn't expect to hear back from  
22 Poneman?

23 (No audible response)

24 MR. BORCHARDT: Chairman, are you still  
25 on the line?

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1 MALE PARTICIPANT: The diffuser dropped  
2 off.

3 CHAIRMAN JACZKO: Hi, everybody. Sorry, I  
4 got off that call and hung up.

5 So, I'm going to proceed then, down the  
6 path, and I'm going to start trying to get some rest.

7 MR. BORCHARDT: Okay, so, the only  
8 thing, we'll call you if we hear from Poneman, if they  
9 try to set up that conference call.

10 CHAIRMAN JACZKO: Yes.

11 MR. BORCHARDT: Which sounds like maybe  
12 he won't, since he already had that other phone call.

13 CHAIRMAN JACZKO: Yes.

14 MR. BORCHARDT: Or if we get the  
15 Ambassador on the line.

16 CHAIRMAN JACZKO: Yes, or if something  
17 else transpires.

18 MR. BORCHARDT: If something else  
19 breaks. Otherwise, 7:00 a.m., we'll plan to do a full  
20 brief.

21 CHAIRMAN JACZKO: Okay, good, thanks  
22 everybody.

23 MR. BORCHARDT: Okay.

24 CHAIRMAN JACZKO: Appreciate it.

25 MR. BORCHARDT: All right.

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1 CHAIRMAN JACZKO: Bye.

2 (CONFERENCE CALL CONCLUDED)

3  
4  
5  
6  
7  
8  
9 (CONFERENCE CALL INITIATED)

10 CHAIRMAN JACZKO: Hello?

11 MR. BORCHARDT: Bill Borchardt, here.

12 CHAIRMAN JACZKO: Hi, Bill.

13 MR. BORCHARDT: Hi.

14 CHAIRMAN JACZKO: Looks like we have a  
15 call on for 11:30.

16 MR. BORCHARDT: Are you talking about our  
17 briefing?

18 CHAIRMAN JACZKO: No, let's see, situation  
19 room White House is going to do a call at 11:30.

20 MR. BORCHARDT: Okay.

21 CHAIRMAN JACZKO: So, if you can walk me  
22 through again, just high level latest information.

23 MR. BORCHARDT: Okay, well, nothing has  
24 changed, really, from our last situation.

25 Unit 3 is the one where all the questions

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1 are currently -- where there is a lot of uncertainty.

2 CHAIRMAN JACZKO: Okay.

3 MR. BORCHARDT: And the last we heard was  
4 the -- your conversation with Pete Lyons.

5 CHAIRMAN JACZKO: Okay.

6 MR. BORCHARDT: In which Condo stated that  
7 he didn't believe Unit 3 had any core uncovering, and  
8 that the beginning venting.

9 We haven't -- we just haven't seen  
10 anything on any of the press coverage, to point us in  
11 any direction or another.

12 CHAIRMAN JACZKO: Okay.

13 MR. BORCHARDT: So, that hasn't changed.  
14 Unit 1, as far as we can tell, the situation is  
15 relatively stable now. We haven't seen any reports of  
16 any increases of radiation levels or any additional  
17 venting action.

18 CHAIRMAN JACZKO: Okay.

19 MR. BORCHARDT: So, I mean, that's really  
20 about it. We've worked up some talking points for the  
21 Ambassador in Japan.

22 CHAIRMAN JACZKO: Good.

23 MR. BORCHARDT: But the basic line, if we  
24 can get him on this call at 11:30, and we'll reach out  
25 to him, would be that the current local authority's

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1 recommendation on evacuations seem appropriate, based  
2 on our understanding of the current situation.

3 CHAIRMAN JACZKO: Okay.

4 MR. BORCHARDT: And we have no basis to  
5 recommend to him, anything different.

6 CHAIRMAN JACZKO: Okay.

7 MR. BORCHARDT: But you know, just like  
8 here, the locals have the most up to date, accurate  
9 information, and certainly, it's got to be better than  
10 what we have.

11 CHAIRMAN JACZKO: Than what we have, yes.

12 MR. BORCHARDT: All right?

13 CHAIRMAN JACZKO: Absolutely.

14 MR. BORCHARDT: And you know, in the event  
15 that, you know, plant conditions change dramatically,  
16 we'd have to revise that recommendation, but you know,  
17 we don't have anything at this point.

18 CHAIRMAN JACZKO: Okay, can you send that  
19 to me in an email, just -- I mean, those talking  
20 points in an email?

21 MR. BORCHARDT: Sure.

22 FEMALE PARTICIPANT: Yes, we have a few  
23 edits and we'll get them right to you.

24 CHAIRMAN JACZKO: Okay, good.

25 MR. BORCHARDT: Sure.

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1 CHAIRMAN JACZKO: And then, Bill, maybe  
2 you could just do a quick email, too, with just the  
3 high level on the plants, as well?

4 MR. BORCHARDT: Okay, we're updating that  
5 1830 status.

6 CHAIRMAN JACZKO: Okay, good.

7 MR. BORCHARDT: And we'll hopefully to be  
8 able to get that out in a few minutes.

9 CHAIRMAN JACZKO: Okay, great, thank you.

10 MR. BORCHARDT: Okay, yes.

11 CHAIRMAN JACZKO: Is someone from the WHO  
12 still on?

13 MR. BORCHARDT: I'm sure they are.

14 CHAIRMAN JACZKO: Okay.

15 OPERATIONS OFFICER: This is the WHO.

16 CHAIRMAN JACZKO: Hi, I think, can you  
17 anticipate, or be on the look out for a call from the  
18 situation room at the White House, to get me on an  
19 11:30 call?

20 OPERATIONS OFFICER: Okay, who do you want  
21 me to call right now, if we get that call?

22 CHAIRMAN JACZKO: Sorry, Greg Jaczko.

23 OPERATIONS OFFICER: Okay, sorry, sir.

24 CHAIRMAN JACZKO: Yes.

25 OPERATIONS OFFICER: Okay, we will call

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1 you as soon as we get a call from the White House.

2 CHAIRMAN JACZKO: Okay, and [REDACTED], my  
3 home number is the best number.

4 OPERATIONS OFFICER: Okay, we'll call you  
5 at the home number.

6 CHAIRMAN JACZKO: Okay, thank you.

7 OPERATIONS OFFICER: Thank you, sir.

8 CHAIRMAN JACZKO: Okay, bye.

9 (CONFERENCE CALL CONCLUDED)  
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9 (CONFERENCE CALL INITIATED)

10 OPERATIONS OFFICER: This is the  
11 Headquarters Operations Officer. We're unmuting the  
12 links now, between the two bridges.

13 (CONFERENCE PARTICIPANTS: Randy Muster, Cindy  
14 Peterson, Mike Franovich, Jenny Wilde, Elena Galloway,  
15 Brian Smith, Mike Johnson, Michael Marshall, Kathy  
16 Haney, R. Kennedy, William Orders, K. Stewart-Clark,  
17 Charles Neller, Greg Warnick, Bill Mayer, Linda  
18 Howell, Reddick, Billy Dixon, Ben Hart {multiple  
19 inaudible's})

20 MR. BORCHARDT: All right, good evening  
21 everybody. This is Bill Borchardt.

22 I'll give you a quick run-down of what we  
23 know, although I need to preface again with, that the  
24 information flow at 11:30 p.m. tonight is no better  
25 than it was previously.

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1           So, we're still just trying to integrate  
2     the best that we can, various news accounts,  
3     especially, the information coming off of this one  
4     Japanese television news feed that we have, that  
5     occasionally has some good information, and then using  
6     whatever we can get from a variety of sources, but to  
7     be honest with you, a lot of those one and two time  
8     sources turn out not to be all that accurate.

9           But so, the best that we have is that the  
10    situation in Unit 1 remains essentially unchanged from  
11    the way it was eight hours ago, that, you know, after  
12    the initial situation that ended up in the hydrogen  
13    explosion, which blew off the roof on the reactor  
14    building, we now believe that the containment remains  
15    in tact, that that was a hydrogen leak coming probably  
16    from stand-by gas treatment system that caused the  
17    explosion, and that we have no indication that there  
18    has been any containment, primary containment breach  
19    and no breach of the reactor.

20           They were using an unknown injection path  
21    into the reactor to put in borated sea water, and they  
22    were also using, I think, a fire pump to put sea water  
23    into the basement of the reactor building, to provide  
24    cooling of the source.

25           So, as far as we know, that is still the

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1 condition on Unit 1.

2 There is no known problems with Unit 2,  
3 although they may be trying to work with -- to get  
4 NISA's permission to vent the containment, but that's  
5 just due to kind of a very gradual increase in  
6 containment pressure, due to heating up, but they  
7 don't have any containment cooling system.

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15 But there was a change in Unit 3 status,  
16 in that eight hours ago, HIPSI was running, injecting  
17 water into the vessel.

18 What we believe happened is that, as would  
19 be expected over time, pressure in the reactor  
20 decreased, that got to the trip point for HIPSI, you  
21 know, probably somewhere around 150 pounds. HIPSI  
22 automatically turned off, and now, they have not been  
23 able, to the best of our knowledge, been able to  
24 create a low pressure injection flow path.

25 So, that is why there is uncertainty,

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1 regarding Unit 3.

2 They have plans to relieve the pressure in  
3 the containment, but like I say, it's highly  
4 uncertain, as to what the next step that will be  
5 successful will be. They weren't able to restart RIK-  
6 SEA or any other kind of low pressure injection.

7 Units 4, 5 and 6 were previously shut down  
8 and remain of not a lot of concern.

9 There are a couple activities going on  
10 right now. There is a meeting, conference call going  
11 on with Deputy Secretary Poneman and the Chairman and  
12 a number of other people, to try to get some united  
13 Government, at least agreement on what the current  
14 situation is, because we were developing diverging  
15 views between various agencies and departments.

16 So, there is a separate phone call going  
17 on, to try to come to one view of the current  
18 situation.



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So, having said that, let me just go real fast. Do you have anything additional?

MALE PARTICIPANT: Nothing additional.

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1 MR. BORCHARDT: Anything from liaison  
2 team?

3 MALE PARTICIPANT: No.

4 MR. BORCHARDT: Protective measures,  
5 anything in addition? No?

6 Okay, any questions for anybody on the  
7 phone?

8 MALE PARTICIPANT: Earlier today, we were  
9 notified that there were three diesels onsite, the  
10 fourth was coming. Have any been hooked up?

11 MR. BORCHARDT: Nothing that we can  
12 confirm. We believe that there is a temporary diesel  
13 hooked up in Unit 1, that's probably the source of  
14 power for the borated water being injected into the  
15 reactor vessel on Unit 1.

16 But I don't know if that's the slug-system  
17 they're using. You know, we just don't know, but  
18 there has to be some electrical power supply to make  
19 whatever pump that is, that's going into the reactor  
20 vessel.

21 So, we think that's a temporary diesel.  
22 We don't know of a temporary diesel going to any of  
23 the other units.

24 MALE PARTICIPANT: There was initial  
25 reports, that they had brought in extra diesel, and

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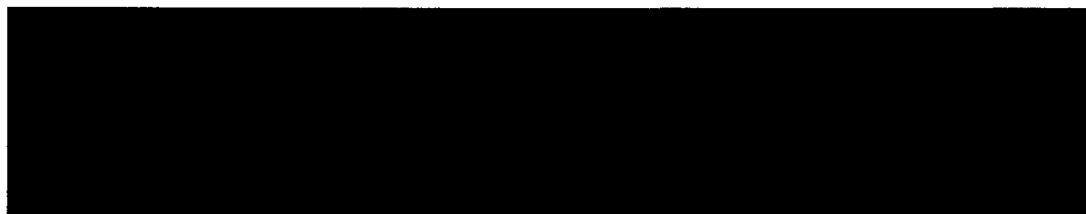
1 were trying to cross-tightening that source, bringing  
2 the diesel, and they were having some problems, but we  
3 never got an additional report about subsequent  
4 issues, whether the event was successful or not.

5 But as you said, Bill, we're drawing the  
6 inference that if they have a pump running, they must  
7 have some power, some electric.

8 MR. BORCHARDT: Let me also -- I forgot to  
9 follow up on some of the things I mentioned at 7:30.

10 We are developing some talking points that  
11 the regional state liaison officers will be able to  
12 use tomorrow morning, to reach out to the States. So,  
13 they'll have some talking points for -- to try to fill  
14 the information vacuum that exists there.

15 We're also working on some Q&A's that are  
16 being reviewed by the Chairman, now, that go beyond  
17 the Q&A's from 10 or 12 hours ago. The original set  
18 focused on the event in Japan. The additional Q&A's  
19 have to do with kind of more of a shift to U.S. focus,  
20 as to, you know, what would happen if we had a seismic  
21 event in the U.S., that was the U.S. design basis,  
22 those kinds of questions.



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So, let me just re-open for questions,  
now.

MALE PARTICIPANT: One more question,  
Bill, we've got -- there are two people headed over.  
When do we expect them to be on the ground and what  
are they going to do?

MR. BORCHARDT: Well, Bill Ulses, who went  
over on a chartered flight -- sorry, Tony, yes, with  
the U.S. Aid group, is probably expected to land  
within an hour or might be landing right about now.  
That flight was delayed for a number of hours.

He is going to be acting as a nuclear  
technical advisor to that group and however else --

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1 whatever other support that group might need.

2 So, he is actually expected to be landing right about  
3 now.

4 Jim Trapp is on a commercial flight, will  
5 be landing around 7 o'clock in the morning, our time.

6 So, eight hours from now, and he is going to be met  
7 by the Embassy, and I suspect, we don't know exactly  
8 how he is going to be utilized, but I suspect he's  
9 going to be used by the Ambassador's office to help  
10 interpret nuclear information, because they don't have  
11 anybody on the staff, really qualified to do that.

12 MALE PARTICIPANT: All right, thank you.

13 MR. BORCHARDT: Yes. Anybody else? All  
14 right, so, we'll plan to have another one of these  
15 calls, if you're so inclined to call in, at 7:30 a.m.  
16 tomorrow morning, and have a good evening.

17 (CONFERENCE CALL CONCLUDED)  
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