

From: [Cheok, Michael](#)
To: [Grobe, Jack](#); [Laur, Steven](#); [Lee, Samson](#)
Cc: [Rodriguez, Veronica](#)
Subject: FW: ASP Briefing Follow-up
Date: Friday, March 11, 2011 7:19:48 PM

FYI

From: Franovich, Rani
Sent: Friday, March 11, 2011 5:08 PM
To: Bowman, Gregory
Cc: Brown, Frederick; Westreich, Barry; Cheok, Michael; Shoop, Undine; Vaughn, Stephen; Demoss, Gary; Coyne, Kevin; Scott, Michael; Rodriguez, Veronica
Subject: ASP Briefing Follow-up

Hi Greg,

Just FYI... the *excerpt* below is from IMC 0308 (ROP Basis for the Significance Determination Process). It relates to the discussion we had with the Chairman this afternoon. Parts of it may be useful in the AO report to describe the option we could exercise to address licensee performance if we do not believe the regulatory response dictated by the Action Matrix (AM) is appropriate (see **highlighted** text below). We should defer to Region II to provide the rationale for our satisfaction with the licensee's actions in response to the March 2010 event such that an AM Deviation is not warranted.

The other point the Chairman made that also is going through the minds of senior execs in NRR relates to the implications for ROP effectiveness. As I alluded to in the TA briefing this afternoon, two of the objectives of the AARM are 1) to review results of the staff's assessment of ROP effectiveness, including a review of approved deviations from the action matrix, and 2) to ensure that trends in industry and licensee performance are recognized and appropriately addressed. The **final** ASP determination and its implications for the ROP may warrant **formal** AARM discussion in 2012. The staff is getting out in front of this potential data point by planning to informally discuss (following the AARM next month) the implications of the Robinson ASP for ROP assessments of licensee performance and associated regulatory response.

Hope this helps,

Rani

0308, Att 3 Issue Date: 10/16/06

6. TREATMENT OF CONCURRENT DEGRADED CONDITIONS

The use of the ROP Action Matrix demands that its inputs be discrete and not duplicative. When separate licensee performance deficiencies result in separate degraded conditions that overlap each other in time, there could be a synergistic risk impact during the overlapping period of time that is greater than the sum of the two parts. This possibility motivated the development of a rule to treat such conditions. This rule considered the following points.

The staff is responsible to define licensee performance deficiencies. Where the proximate cause of multiple degraded conditions is the same, there is likely to be only one finding (based on the identified performance deficiency related to the proximate cause) and the

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risk impact of the collective degraded conditions (including any overlapping conditions) is then appropriately used as the basis for the SDP result. However, this concept could be taken to an extreme of defining all licensee performance deficiencies as "management weakness" or something similarly fundamental. Doing so would then cause all degraded conditions to be manifestations of a single and possibly never-ending finding, would make unnecessary the need for an Action Matrix, and may require the staff to devise a continuous risk meter or similar substitute for the Action Matrix. Thus, a "floor" was set for the implementation of this concept that is consistent with the ROP framework, in that no performance deficiency should be defined at a level associated with the ROP cross-cutting issues (i.e., human performance, safety-conscious work environment, and problem identification and resolution) or more fundamentally. Although artificially setting this "floor" may create a philosophical inconsistency with use of a probabilistic thinking framework (i.e., if there is really a known common-cause effect taking place, then it should be explicitly acknowledged in a probabilistic model), it remains necessary for practical reasons as long as the Action Matrix continues in its present form. Concerns about possible insufficient regulatory responses arising from this approach are also mitigated as noted below.

When multiple findings are judged to be separate and independent of each other, yet cause degraded conditions that overlap in time, the SDP will treat them independently and thereby allow the Action Matrix to receive multiple inputs and perform the "summing" of these risk impacts (along with all other cornerstone inspection and PI inputs) to inform the degree of regulatory response required for that licensee. This approach has the valuable benefit of allowing individual SDP risk determinations to proceed independently and therefore generally in a more timely fashion. In most cases, it is believed that the "summing" result of the Action Matrix will produce a regulatory response equal to that of combining the multiple findings into a single finding of collective risk significance. The staff's use of risk tools in other processes (e.g., Accident Sequence Precursor Program) or simply for the purpose of understanding collective risk significance may be appropriate, and in those cases where it is determined that such understanding should alter the agency's response to the specific licensee, the staff may invoke a deviation from the Action Matrix by appropriate justification and meeting the prescribed process requirements of the ROP.

Laur, Steven

From: Cheek, Michael
Sent: Friday, March 11, 2011 7:36 PM
To: Rodriguez, Veronica; Laur, Steven; Lee, Samson; Harrison, Donnie
Subject: FW: draft slides for March 24
Attachments: public meeting 032411.ppt

Importance: High

FYI

From: Dube, Donald
Sent: Friday, March 11, 2011 2:21 PM
To: Frahm, Ronald; Franovich, Rani; Cheek, Michael; Brown, Frederick; Coe, Doug; Hunter, Christopher
Subject: FW: draft slides for March 24
Importance: High

From: Dube, Donald
Sent: Friday, March 11, 2011 2:21 PM
To: Ader, Charles; Mrowca, Lynn; Fong, CJ; Lombard, Mark
Subject: draft slides for March 24
Importance: High

Attached are draft slides for the March 24 public meeting.

Don

AD/128-



Public Meeting on Risk-Informed Regulatory Guidance for New Reactors

Contact: Donald A. Dube, Office of New Reactors, (301) 415-1483

March 24, 2011

1



Meeting Purpose

**Discussion of Commission's Staff
Requirements Memorandum
(SRM) regarding SECY-10-0121,
"Modifying the Risk-Informed
Regulatory Guidance for New
Reactors"**

2

Agenda

- **Contents of the SRM**
- **Deliverables**
- **Major tasks and schedule**
- **Next steps**

Contents of SECY-10-0121

- **Four major change processes and guidance**
- **Previous Commission expectations, policy papers, and Part 52 regulations**
- **Issues related to risk-informed changes to licensing basis and Reactor Oversight Process (ROP)**
- **Interactions with stakeholders**
- **Options and staff recommendation**



Options Provided in SECY-10-0121

- 1) No changes to existing risk-informed guidance (status quo)**
- 2) Implement enhancements to existing guidance to prevent significant decrease in enhanced safety (NRC staff recommendation)**
- 3) Develop lower numeric thresholds for new reactors**

5



Commission SRM in Brief

- **Commission approved a hybrid of Options 1 and 2**
 - **Continue existing risk-informed framework pending a series of tabletop exercises that test existing guidance**
- **Commission “reaffirms” existing**
 - **safety goals**
 - **safety performance expectations**
 - **subsidiary risk goals and associated risk guidance**
 - **key principles (e.g., RG 1.174)**
 - **quantitative metrics**

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SRM in Brief (cont.)

- **Commission expects:**
 - **Advanced technologies in new reactors will result in enhanced margins of safety**
 - **As a minimum, new reactors have the same degree of protection of the public and environment as current generation LWRs**
- **New reactors with these enhanced margins and safety features should have greater operational flexibility than current reactors**



Key Deliverables

- **Brochure summarizing Commission policies and decisions regarding new reactor safety performance**
- **Guidance on 50.59-like process for new reactors under Part 52**
- **Tabletop exercises to test adequacy of existing guidance (risk-managed tech specs and 50.69 specifically called out)**
- **Progress report every 6 months**
- **Commission paper with specific recommendations by June 2012**



Staff's Proposed Approach

- **Leverage current industry effort to revise NEI 96-07 to address new reactor change processes (new Appendix C)**
- **Prepare summary document/brochure entirely with in-house NRO staff**
- **Leverage on-going efforts in the review of US-APWR risk-managed tech specs**
 - **Follow with 50.69 and RI-ISI**
- **Utilize in-house staff to exercise SPAR models for AP1000, ABWR, and US-APWR**
- **Call upon reactor designers to perform parallel computations for modifications and realistic plant modifications and licensing basis changes**

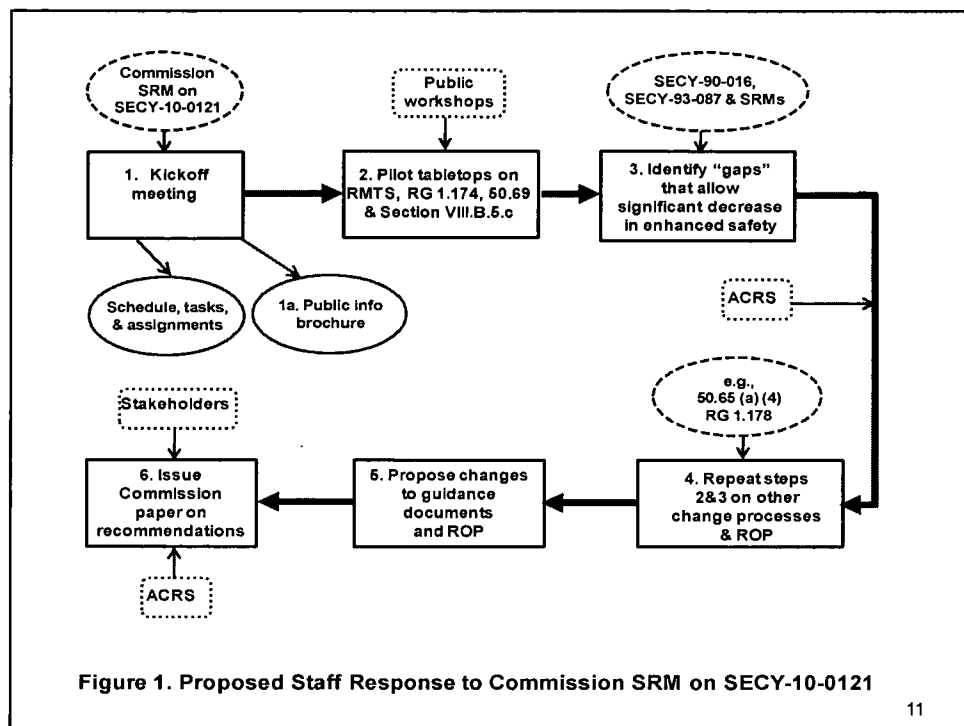
9



Proposed Approach (cont.)

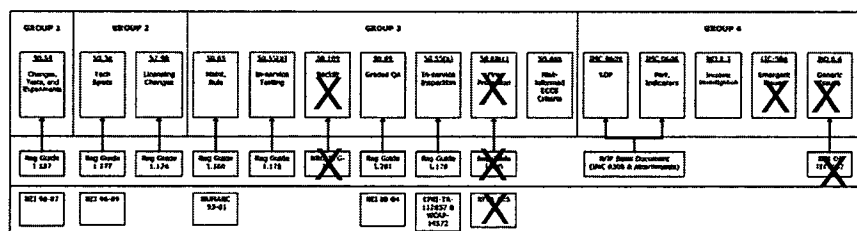
- **Define “significant decrease” in enhanced margin of safety, as necessary**
- **Address large release frequency (LRF), including such options as its elimination as a risk metric, replacement by LERF, or transition from LRF to LERF after initial fuel loading**
- **Draft Commission paper early 2012 along with holding several ACRS briefings**
 - **Recommendations on the kinds of changes to guidance that are necessary, but not a “red-line” mark-up of the documents**
 - **No expedited change to Reg Guides anticipated**
 - **If necessary, issue interim staff guidance**

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Figure 2. Key Risk-Related Regulations, Programs, & Processes



DISCUSSION

RG 1.174 defines defense-in-depth criteria and introduces the concept of an acceptably "small" increase in risk. Together, these are used to ascertain compliance with regulations. Although written for a specific application, the underlying philosophy and principles form the basis of a broad spectrum of regulatory activities. All of the programmatic areas and their guidance documents listed above have an impact or explicit link to RG Guide 1.174.

For example, the ROP Basis Document (IMC 0308) states that thresholds should be "consistent with other NRC applications...e.g., RG 1.174."

If changes are made to either the deterministic criteria or risk thresholds in RG 1.174, the documents shown above may be affected. NRC staff and managers should evaluate each document to determine the impact and whether changes are appropriate.

SECY-10-0121 defines four categories of guidance documents that may be impacted by changes to RG 1.174:

- Group 1. Guidance for changes to a licensee's approved licensing basis without prior NRC approval.
- Group 2. Risk-informed guidance to support changes to a licensee's approved licensing basis, including operational programs, with prior NRC approval.
- Group 3. Guidance to support implementation of risk-informed regulations.
- Group 4. Guidance to support implementation of the ROP.

These categories are important because the roles and responsibilities of NRC technical staff and managers may be different for each category. For example, the Division of Inspection and Regional Support in NRC may have the lead on Group 4 but have limited or no involvement in Group 2. Senior management will be responsible for ensuring a reasonable level of consistency between groups.

X Signifies processes where there is likely insufficient time & resources to tabletop

Contact: CJ Fong

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Existing Risk-Informed Regulation, Program, Process, or Guidance	Specific Licensing Basis Change, Plant Modification, Event, or Performance Deficiency	Controls that Limit Decrease in Safety Margin	Analysis Results	Gap Identified?
Risk-Informed Tech Spec Initiative 4b (completion times)				
50.69 Risk-Informed Categorization and Treatment of SSCs				

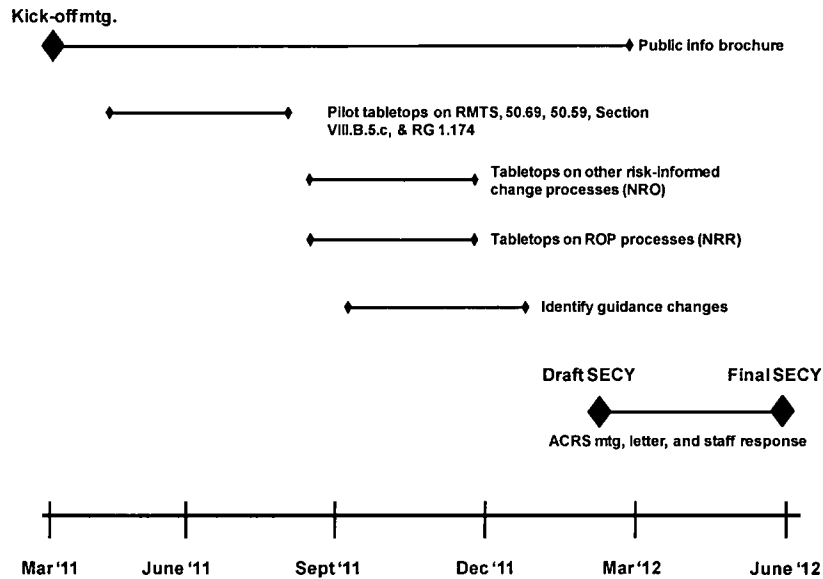


Figure 3. Approximate timeline



Next steps

- **Revise tasks and schedule as necessary**
- **Identify organizations, resources, and detailed schedule for the first two to three activities (RMTS, 50.69, Part 52 change process)**
 - **For each change process, identify plant modification, condition, configuration, or deficiency to be assessed**
- **Staff proposes periodic workshops every three to four weeks for tabletop exercises, beginning late April/early May through November**
- **Others?**

From: [Woodsmith Tips](#)
To: [Leeds, Eric](#)
Subject: Woodsmith Annual Volumes---your ultimate reference guide
Date: Friday, March 11, 2011 9:02:28 PM

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Dean, Bill

From: Dean, Bill
Sent: Friday, March 11, 2011 10:40 PM
To: Gallagher, Johanna
Subject: Query for data

Any way you could look at last two years of regional SES postings to see how often we have gotten HQ or other regional candidates to apply??

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

Matakas, Gina

From: McCree, Victor
Sent: Friday, March 11, 2011 10:21 PM
To: Dean, Bill; Collins, Elmo; Satorius, Mark
Subject: Re: Succession planning

Yes - I'm still energized on the subject - and believe that we should discuss it at the meeting.

Vic

This email is being sent from an NRC Blackberry device.

----- Original Message -----

From: Dean, Bill
To: Collins, Elmo; Satorius, Mark; McCree, Victor
Sent: Fri Mar 11 15:45:07 2011
Subject: Succession planning

A couple months ago we had indicated to Marty that we wanted a slot on the succession planning agenda to discuss incentives (and disincentives) for SES geographical moves. Is there still energy around this? If so, I will ask for some time on the agenda and try to develop a strawman for us to chew on.

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Case, Michael
To: Kammerer, Annie
Subject: Good Morning
Date: Saturday, March 12, 2011 8:40:24 AM

I turned over your name and number to Dave Skeen. Good luck today. I think there will be more questions today! (As opposed to the mid shift)
Sent from Blackberry
Michael Case.

AD/132

From: Case, Michael
To: Kammerer, Annie; Hogan, Rosemary
Cc: Richards, Stuart
Subject: Re: I'm at the op center....FYI
Date: Saturday, March 12, 2011 1:38:54 PM

Thanks for your help on this. The TV seems to still be focused on what happened over there and not so much on what do we do here. It's coming! Meanwhile it good to work ahead a little.
Sent from Blackberry
Michael Case.

From: Kammerer, Annie
To: Hogan, Rosemary
Cc: Richards, Stuart; Case, Michael
Sent: Sat Mar 12 12:46:05 2011
Subject: I'm at the op center....FYI

Rosemary, I have been working for the op center (last night from home until about 11pm) and today I was called in. Just to let you know....

Mike is aware of last nightl as he came in as I was checking out and going to bed...

AD/133

From: Grobe, Jack
To: Cheok, Michael
Subject: Fw: Meeting Monday 2-4
Date: Saturday, March 12, 2011 1:41:56 PM

Can you support?
Jack Grobe, Deputy Director, NRR

----- Original Message -----
From: Ruland, William
To: Grobe, Jack
Sent: Sat Mar 12 10:54:01 2011
Subject: Re: Meeting Monday 2-4

No, sorry.
Bill Ruland, from
USNRC Blackberry

----- Original Message -----
From: Grobe, Jack
To: Ruland, William
Sent: Sat Mar 12 09:23:18 2011
Subject: Meeting Monday 2-4

Bill

There is a semiannual meeting with RES from 2-4 on Monday afternoon. Could yo suport that meeting for me? Thanks.
Jack Grobe, Deputy Director, NRR

AD/134

Matakas, Gina

From: Lew, David
Sent: Saturday, March 12, 2011 3:01 PM
To: Dean, Bill
Subject: RE: TA call

Bill, I'm back from my workout. Since I have access to a computer, I can listen in and take notes for the rest of the team. Dave

From: Dean, Bill
Sent: Saturday, March 12, 2011 1:12 PM
To: Lew, David
Subject: Re: TA call

I got it. Thanks.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Lew, David
To: Dean, Bill
Sent: Sat Mar 12 13:02:22 2011
Subject: TA call

Bill, Did you want me to listen in on the 3:30 pm TA call? I'm headed to the gym, so I won't be responding for a while. Dave

AD/135

From: [Schoen, Gerhard](#)
To: [Coyne, Kevin](#)
Subject: AW: Agenda of the 12th WGRISK Annual Meeting
Date: Sunday, March 13, 2011 1:08:57 PM

Dear Kevin

Since there are many unplanned activities here ongoing, it will be difficult for me, to send you the slides end of next week (may be I will need another week (till 25. March), I will do my best).

Best regards,
Gerhard

Von: Coyne, Kevin [mailto:Kevin.Coyne@nrc.gov]
Gesendet: Donnerstag, 10. März 2011 01:33
An: Reino.Virolainen@stuk.fi; Jean PRIMET; Schoen Gerhard
Cc: Siu, Nathan
Betreff: FW: Agenda of the 12th WGRISK Annual Meeting

Dear Reino, Jean, and Gerhard –

Thank you again for agreeing to participate in the technical discussion on risk communication for decision makers at the upcoming WGRisk annual meeting. As indicated in the draft meeting agenda, Abdallah has the following presentations scheduled under Topic 17, "Technical Discussion":

- "Use of the PSA in the Integrated Regulatory Safety Oversight in Switzerland" by Gerhard Schoen, ENSI, Switzerland
- "Risk-informed applications: how to provide wide and efficient information to decision makers? An EdF R&D perspective" by Jean Primet, EdF, France
- "Communicating Risk Information to Support Regulatory Decision-Making in Finland" by Reino Virolainen, STUK, Finland
- Round Table discussion and conclusions

To support the round table discussion, I plan to have a few slides to guide the overall discussion. In particular, I think determining overall working group interest in potential follow up activities such as workshops or more formal activities (e.g., questionnaires or surveys) would be very useful.

Abdallah has requested slides by March 18 in order to make copies prior to the meeting. If you could also send a copy of your slides to me when you send them to Abdallah, I'd very much appreciate it.

Thanks you again for your help, and I'm very much looking forward to the discussion!

AD/136

Best regards,

Kevin

From: Abdallah.AMRI@oecd.org [mailto:Abdallah.AMRI@oecd.org]

Sent: Thursday, February 10, 2011 5:21 AM

To: hollo@nubiki.hu; pat@ujv.cz; francois.corenwinder@irsn.fr; vc@aerb.gov.in; comanesl@aecl.ca; christian.kirchsteiger@ec.europa.eu; magiel.versteeg@minvrom.nl; marina.roewekamp@grs.de; mauritz.gardinge@okg.eon.se; djordje.vojnovic@gov.si; isabelle.hendrickx@tractebel.com; k109sky@kins.re.kr; agz@csn.es; rino.caporali@apat.it; vgodinez@cnsns.gob.mx; ming.ang@eon-uk.com; hgkang@kaeri.re.kr; abdallah.amri@oecd.org; michel.hugon@ec.europa.eu; reino.virolainen@stuk.fi; bo.liwang@ssm.se; bassanelli@sogin.it; cillik@vuje.sk; kovacs@relko.sk; varde@barc.gov.in; muramatsu.ken@jaea.go.jp; michel.marques@cea.fr; j.mertens@fz-juelich.de; fujimoto-haruo@jnes.go.jp; tomas.jelinek@ssm.se; remy.bertrand@irsn.fr; nakai.ryodai@jaea.go.jp; vinh.dang@psi.ch; anders.hallman@ssm.se; stojka@vuje.sk; giustino.manna@jrc.nl; gabriel.georgescu@irsn.fr; bugra.kilinc@taek.gov.tr; raducu.gheorghe@cnsccs.gc.ca; jeanne-marie.lanore@irsn.fr; hbalfanz@tuev-nord.de; sabhardwaj@npcil.co.in; elter@npp.hu; ana.gomez-cobo@hse.gsi.gov.uk; pierre.le-bot@edf.fr; rlopezm@cnsns.gob.mx; shane.turner@hse.gsi.gov.uk; yolande.akl@cnsccs.gc.ca; irina.sanda@cncan.ro; pieter.degelder@belv.be; gerhard.schoen@ensi.ch; emmanuel.raimond@irsn.fr; steve.collier@hrp.no; nuc@brs.dk; atoosa.p-j.thunem@hrp.no; jan.husarcek@ujd.gov.sk; dk@beredskabsstyrelsen.dk; uchida-tsuyoshi@jnes.go.jp; bareith@nubiki.hu; ibilgic@taek.gov.tr; jan-erik.holmberg@vtt.fi; manfred.haferburg@wanopc.org; brinkman@nrg.eu; a.lyubarskiy@iaea.org; paolo.contri@enel.com; jorma.sandberg@stuk.fi; Siu, Nathan; luciano.burgazzi@enea.it; alg@csn.es; vincent.sorel@edf.fr; Coyne, Kevin

Subject: Agenda of the 12th WGRISK Annual Meeting

Dear All,

Attached please find a tentative agenda of the 12th WGRISK annual meeting to be held on 30 March – 1 April 2011, at the OECD Conference Centre, 2 rue André Pascal, 75116 Paris, France.

You are kindly requested to consider this agenda with the following:

- 1) Please confirm your participation to the NEA Secretariat at your earliest convenience but not later than 18 March 2011. Delegates wishing to present papers, reports, proposals, etc. are requested to send an electronic copy of the paper to the NEA Secretariat by 18 March 2011 if prior distribution is required.
- 2) Please note that Task Group meetings (page 3 of the notification) are planned on 28 – 29 March and take the appropriate arrangements for your participation in these meetings. In particular, you are kindly requested to inform, before 18 March 2011, the NEA Secretariat of your participation in these meetings, so your access to the OECD meeting rooms may be facilitated.
- 3) During the WGRISK annual meeting, we plan on having extended discussions on the group's strategic direction and working methods. You are kindly requested to come prepared with your ideas on these matters. Under item 19 "WGRISK New Activities", we also plan to discuss potential new tasks for the group; please be prepared to make proposals.

Thank you very much for your cooperation.

With my best regards.

Abdallah AMRI
OECD/NEA Nuclear Safety Division
Phone: + 33 1 45 24 10 54
Fax: + 33 1 45 24 11 29

From: [Srinivasan, Makuteswara](#)
To: [Richards, Stuart](#); [Gavrilas, Mirela](#)
Cc: [Case, Michael](#)
Subject: RE: Bristol Trip
Date: Sunday, March 13, 2011 4:05:29 PM

Hi Stu,

Venue: The meeting is in Mansfield College, Oxford University, London.

Organizer: The meeting is organized by Nuclear Installations Inspectorate (HSE) and EdF Energy, the operator of British AGRs.

Background: This meeting is a prelude to launch an International Cooperative Research Program (ICRP), under the auspicious of NEA/OECD.

Presently, there are a number of research programs in the USA, EU and China looking at graphite deformation and potential fracture for nuclear components.

Meeting Objective: The purpose of this meeting is to gather selected experts from around the world, and establish an understanding of the scope of the problem, the work that is already in place (do we understand what each is doing and why?) and complete a Gap analysis to see where we need to go next.

Next Steps: After this experts meeting, armed with information, the organizers expect to seek views from sponsoring bodies such as PRG and CSNI, etc.

My Role: I have been invited to participate as an expert in graphite and ceramic fracture. I will convey the regulatory and safety implications of fracture in graphite core components in terms of the overall safety risk and exploration of potential compensatory measures as well as inservice inspection procedures and proactive periodic graphite performance assessment by core monitoring.

Please let me know if you need any additional information.

Thanks.

Srini.

From: Richards, Stuart
Sent: Friday, March 11, 2011 5:33 PM
To: Gavrilas, Mirela; Srinivasan, Makuteswara
Cc: Case, Michael
Subject: Bristol Trip

Mirela/Srini

Regarding the Bristol trip, the question came up as to who is organizing this meeting? Is it under the auspices of a technical society? Or a standing CSNI group?

Thanks
Stu

AD/137

From: Srinivasan, Makuteswara
To: Richards, Stuart; Gavrilas, Mirela
Cc: Case, Michael
Subject: RE: Bristol Trip
Date: Sunday, March 13, 2011 4:17:55 PM

Stu,

Please see my role also on Wednesday's session (Session 6). Many of these topics are the results of my repeated discussions in several meetings over the past 3 or so years with international graphite experts at various meetings, which I attended. Session 1 for example is the result of my contributions while at NII, and subsequently, I have also initiated the ASTM task on this, which will conclude this year. I have made several contributions regarding Session 7 previously.

Please note that I am not offering these as justification for this trip request. However, I am providing these information because I firmly believe that our agency will benefit tremendously by my participation by nudging future research planners to conduct research to provide experimental data and models, which will address technical safety issues related to graphite core performance. Our agency will use these results in formulating our staff positions and in regulatory guide development.

Thanks.

Srini.

The tentative agenda is below:

Graphite Fracture

11th-13th April 2011

Mansfield College Oxford University, United Kingdom

JCR and Council Room

Agenda – Draft 3

The meeting will be formed around a series of Sessions, as below, in which a Question will be introduced which will be addressed by three groups in parallel. For each Question each of the groups will review what is currently being done in that area, where we would like to be, and how the gap may be bridged. At the end of each Session the Groups will re-convene to discuss their findings.

Monday 11th

10:30 Tea/Coffee – Council Lobby

11:00 General Introduction

12:00 Lunch

13:00 Statement of Current Research Position – UK

Statement of Current Research Position – China

Statement of Current Research Position – USA

15:00 Tea/Coffee

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15:30 – 17:00

Session 1: How can small scale strength measurements on irradiated graphite be applied to large scale?
– GBN to introduce.

Tuesday 12th

09:00 – 10:30

Session 2: How should component integrity be determined at high weight loss? – PF to introduce.

10:30 Tea/Coffee

11:00 – 12:30

Session 3: What would determine the stability and rate of crack growth in components? – AGS to introduce.

12:30 Lunch

13:30 – 15:00

Session 4: What would determine the direction and shape of crack growth in components? – NMCL to introduce.

15:00 Tea/Coffee

15:30- 17:00

Session 5: What are the key components of fracture models? – BJM to introduce.

Wednesday 13th

09:00 – 10:30

Session 6: What experiments should be performed to validate models? – Srini to introduce.

10:30 Tea/Coffee

11:00 – 12:30

Session 7: How does micro-structure play a role in crack initiation an arrest? – JM to introduce.

12:30 Lunch

13:30 – 15:00

Wrap-up

15:00 Tea/Coffee

From: Richards, Stuart
Sent: Friday, March 11, 2011 5:33 PM
To: Gavrilas, Mirela; Srinivasan, Makuteswara
Cc: Case, Michael
Subject: Bristol Trip

Mirela/Srini

Regarding the Bristol trip, the question came up as to who is organizing this meeting? Is it under the auspices of a technical society? Or a standing CSNI group?

Thanks
Stu

From: Givvines, Mary
To: Gallagher, Johanna; Johns, Nancy
Cc: Grobe, Jack; Leeds, Eric
Subject: My rotation to SBCR
Date: Sunday, March 13, 2011 4:13:16 PM

Ladies,

I've been asked (EDO, DEDOs and Eric Leeds) to help SBCR and will be on a 4-6 month rotation effective early April. Are you familiar with this rotation? If so, do you have any details that you can provide?

I have been in touch with Ren and hoping she makes the announcement to her staff this week and then I will announce to my staff.

Can one of you please call me tomorrow to discuss?

Thanks
Mary

AD/139

From: Arbinger Community
To: Ruland, William
Subject: Always Learning -- But We Pick How
Date: Sunday, March 13, 2011 6:32:15 AM

Arbinger Community

A path to peace ... both individually and globally

A message to all members of Arbinger Community

I thought to begin this note by telling you that I'm back in the "learner's seat," taking an Arbinger course I haven't before. Then it occurred to me: *Are we ever NOT in the learner's seat?* Some make the case that by simply occupying space in the world, we are intaking and inputting, sorting, processing, choosing, impacting.

What I love is that we can consciously make choices about how to walk the learning path. You see, down the street from "My Personal Choice Institute of Higher Learning" appears to be "The School of Hard Knocks." I definitely prefer the former. :)

Which brings me to the Arbinger course I'm taking, *The Choice in Coaching*. Although I'm tempted to effuse about how fantastic the course leaders are, how Jon, Nancy and Sharon are expertly guiding us through the experience of being "stuck-yet-desiring-change," and how readily relevant the material is to "life," I'll wait on that. What I'm most struck with is the impact of an Arbinger coaching experience. The Choice in Coaching reminds me how we learn best: *in relationship*.

I would love for you to experience learning with an Arbinger coach. You can do this anytime, one-on-one, by contacting Nancy, our Director of Individual and Group Coaching Services at nsmyth@arbinger.com. Or you may wish to enroll in an Arbinger group coaching course.

We have two upcoming opportunities to learn deeply, in relationship:

The Anatomy of Peace Course by Phone

March 22 - May 10, 2011

\$250 USD per person

Beginning next month is **Arbinger's Parenting Program: Helping Things Go Right**. Remember The School of Hard Knocks? There are so many lessons we learn as parents, some through difficult experience...difficult for us, *and* for our children. This course is a great place to learn a most valuable parenting lesson -- **how to help things go right**.

Amber and Nancy explain it this way:

Parenting is challenging and sometimes downright difficult. Arbinger supports parenting to be a more loving, unproblematic experience. Caregivers that have not known which way to turn have found more

AD/140

peace and less struggle with Arbinger's help. This advanced Arbinger course offers parents and caregivers more options to reduce tense moments, to create closeness and offer happiness and hope.

You'll find more information and an invitation to the course [here](#) on Arbinger Community. **Arbinger's Parenting Program: Helping Things Go Right** begins on April 5.

We hope you'll consider joining us. Thanks for reading!

Warmly,

Heather

Arbinger Community Team

PS Anytime you have a question about anything "Arbinger," please do contact us: questions@arbinger.com.

Visit Arbinger Community at: http://arbingercommunity.ning.com/?xg_source=msg_mes_network

To control which emails you receive on Arbinger Community, [click here](#)

From: ET07 Hoc
To: Ash, Darren
Cc: Borchardt, Bill; Virgilio, Martin; Weber, Michael; Cianci, Sandra; Taylor, Renee; Muessle, Mary; Andersen, James
Subject: Coverage for Monday, March 14 Events Brief and Chairman's Morning Meeting
Date: Sunday, March 13, 2011 8:34:37 PM

Darren,

This is Alan Frazier working with Bill this evening in the Ops Center. Bill asked that I send you an email asking that you please cover the 8am Events Brief and 8:30am Chairman's morning meeting tomorrow. Bill will be in tomorrow but probably not in time to cover these two meetings. Marty will be in the Ops Center and Mike will have just finished the night shift.

Regards,

Alan

AD/141

From: Virgilio, Martin
To: Taylor, Renee; Cianci, Sandra
Cc: Muessle, Mary; Johnson, Michael; Leeds, Eric
Subject: Re: calendar
Date: Sunday, March 13, 2011 9:44:17 PM

Thanks Renee

We should plan to have Eric and Mike cover the chairman budget brief.

I will need Some time to get ready for the trip on so please reserve Monday 4-6.

Marty

AD/142

Owen, Lucy

From: Kennedy, Kriss
Sent: Sunday, March 13, 2011 9:47 PM
To: Howell, Art; Collins, Elmo
Subject: All Hands Meeting?

Elmo/Art

You may have already considered this, but we may want to consider having an all hands meeting tomorrow to communicate to the rest of the staff the events of the weekend, the info we know, NRC activities, etc.

Kriss

This email is being sent from an NRC Blackberry device.

From: [Harris, Charles](#)
To: [Coyne, Kevin](#)
Subject: RE: CAPS on Use of OECD Data Project Products in (PSA)
Date: Monday, March 14, 2011 5:56:04 AM

Kevin,

OPDE officially ends in June 2011. OPDE and SCAP are being combined into a single new project:

OECD Component Operational Experience, Degradation and Ageing Programme – CODAP.

Charlie

AD/144

From: Valentin, Andrea
To: Boyce, Tom (RES)
Cc: Richards, Stuart; Case, Michael
Subject: Mid Years for RGDB
Date: Monday, March 14, 2011 7:19:08 AM

Tom,

I checked with Debbie Chan (our RES HR person) on who should do mid years for RGDB. She said that you can do them since we will have both been in the position for about the same amount of time this fiscal year. I can provide you input (written or verbal, whichever you prefer). It will be an expansion of what we already discussed when you took over the job.

Thanks,

Andrea Valentin, Acting Director
Program Management, Policy Development and Analysis Staff
Office of Nuclear Regulatory Research
301-251-7497

AD/145

From: Cianci, Sandra
To: "john.nakoski@oecd.org"
Cc: Williams, Shawn; Schwartzman, Jennifer; Virgilio, Martin; Ramsey, Jack
Subject: NEA/SURN Activities and Insights Meeting/Teleconference with Marty (8:30am EST)
Date: Monday, March 14, 2011 7:24:17 AM
Importance: High

John,

Due to scheduling conflicts this morning, I canceled the teleconference with Marty. I will be in touch later today regarding a reschedule.

Thank you.

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

AD/146

From: [Bano, Mahmooda](#)
To: [RES International Travel Dist](#); [Eisenberg, Wendy](#)
Cc: [Krotiuk, William](#); [Elkins, Scott](#)
Subject: pretrip-WKrotiuk.doc
Date: Monday, March 14, 2011 7:28:25 AM
Attachments: [pretrip-WKrotiuk.doc](#)

AD/147

Foreign Travel Pre-Trip Notification

This is due 30 days before trip start date. Please complete the light shaded area.

TRAVEL INFORMATION

• Traveler Name(s): (include Office/Division)	William Krotiuk /RES/DSA/RSAB		• Phone #(s):	301-251-7541
• E-mail Address(es):	William.Krotiuk@nrc.gov		• Location(s):	CSB-3A10
• Multiple Travelers:	<input checked="" type="checkbox"/> Less than 3 <input type="checkbox"/> 3 travelers (Office Directors to be notified) <input type="checkbox"/> 4 + (see below)			
If 4+, Coordinating Office:				
If 4+, Office Director Approvals:	(1)	CHOOSE ONE OF THE FOLLOWING	Date:	
(Office Director approves travelers	(2)	CHOOSE ONE OF THE FOLLOWING	Date:	
from his/her office only)	(3)	CHOOSE ONE OF THE FOLLOWING	Date:	
	(4)	CHOOSE ONE OF THE FOLLOWING	Date:	
ADAMS Accession Number: [If 4+, Submit NRC Daily Note with ML# of pre-trip notification 30 days before trip start date]				
• Travel Dates [mm/dd/yyyy]:	W. Krotiuk - 05/21/2011 to 05/25/2011			
• Destination(s) [City, Country]:	Paris, France			
• Framework:	<input type="checkbox"/> Export and Import Licensing <input type="checkbox"/> Multilateral Cooperation and Assistance <input type="checkbox"/> Treaties, Agreements, and Conventions <input checked="" type="checkbox"/> International Cooperative Research <input type="checkbox"/> Bilateral Cooperation and Assistance <input type="checkbox"/> Other (specify)			
• International Organization:	<input checked="" type="checkbox"/> NEA/CSNI <input type="checkbox"/> NEA/CNRA <input type="checkbox"/> NEA/RWMC <input type="checkbox"/> NEA/MDEP <input type="checkbox"/> NEA/CRPPH <input type="checkbox"/> IAEA/NS(TRANSSC) <input type="checkbox"/> IAEA/NS(WASSC) <input type="checkbox"/> IAEA/(NUSSC) <input type="checkbox"/> IAEA/NS(RASSC) <input type="checkbox"/> IAEA/Safeguards <input type="checkbox"/> IAEA/NS <input type="checkbox"/> IAEA/NE <input type="checkbox"/> IAEA/Technical Cooperation <input type="checkbox"/> Other: _____			
• Purpose of Travel:	Mr. Krotiuk will discuss the results of TRACE post-test assessments conducted for ROSA-2 and discuss the NRC proposal for optional test 6. He will also participate in discussions on future tests/simulations and the organization of the ROSA-2 workshop in early 2012 to ensure that follow-on activities continue to support TRACE assessment needs. Mr. Krotiuk will also participate in the discussion concerning the Chinese request to participate in the ROSA-2 program.			
• Desired Outcome:	Mr. Krotiuk will present the results of TRACE post-test predictions for ROSA-2 Tests 1 and 2, and insure that the NRC's needs are reflected in the upcoming test and the proposed ROSA test 6. This program is important to be able to validate the TRACE computer code for intermediate break LOCA simulations for which existing data is limited. He will also discuss the NRC's view regarding Chinese participation in the ROSA-2 program.			
• Traveler Role(s):	May 23, 2011 ROSA-2 Program Review Meeting May 24, 2011 ROSA-2 Program Review & Management Board Meeting			

	<p>Mr. Krotiuk is the NRC representative to ROSA-2 and has performed the TRACE analyses that support this activity. He will also participate in the deliberations on specifications for pending tests and will contribute to programatic discussions.</p>	
<p>• Is this an NRC Core or Non-Core Trip? [Core means NRC-Funded. Non-Core is externally funded or travel to Canada]</p>	<input checked="" type="checkbox"/> Core	<input type="checkbox"/> Non-Core
<p>• Is there a speech or presentation to be given? [If yes, send ADAMS ML# of presentations in an EDO One Week Look Ahead]</p>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p>• Are policy issues or other items of Commission interest to be raised?</p>	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
<p>If yes, how will the Commission be informed?</p>	<p>n/a</p>	

From: Cianci, Sandra
To: Cianci, Sandra; Leeds, Eric; Johnson, Michael
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessle, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Date: Monday, March 14, 2011 7:31:21 AM

I have notified the Chairman's office. Thank You

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

From: Cianci, Sandra
Sent: Monday, March 14, 2011 7:29 AM
To: Leeds, Eric; Johnson, Michael
Cc: Virgilio, Martin; Sprogeris, Patricia; Schwarz, Sherry; Taylor, Renee; Muessle, Mary
Subject: RE: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing 11:00AM
Importance: High

Eric/Mike,

Please move forward with the Chairman briefing without Marty, he is in the Ops Center on day shift. Thank you

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

-----Original Appointment-----

From: Garland, Stephanie **On Behalf Of** Virgilio, Martin

AD/148

Sent: Wednesday, March 02, 2011 3:32 PM

To: Leeds, Eric; Johnson, Michael

Subject: FIRM - Meeting w/Chairman re: prep for March 16th Congressional Hearing

When: Monday, March 14, 2011 11:00 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).

Where: Chairman's Office

3/10/11- Eric and Mike, Please attend with Marty. SCianci x1714

3/3 /11 per Patti meeting is FIRM (smg)

3/2/11 per Patti Pace x1820 (will call or email to confirm)

Stephanie Garland

Administrative Assistant to Darren Ash, DEDCM

Office of the Executive Director for Operations

O-17 H15

301-415-8704

stephanie.garland@nrc.gov

From: Virgilio, Martin
To: Cianci, Sandra
Subject: Fw: MEETING
Date: Monday, March 14, 2011 7:33:12 AM

FYI

From: Way, Ralph
To: Virgilio, Martin
Sent: Mon Mar 14 06:26:49 2011
Subject: MEETING

Good Morning Marty,

If you have a few minutes one morning, I would like to come up and ask you a question.

Thx,

r

AD/14.9

From: [Arbinger Community](#)
To: [Ruland, William](#)
Subject: Helping Things Go Right
Date: Monday, March 14, 2011 7:40:20 PM

Arbinger Community

A path to peace ... both individually and globally

A message to all members of Arbinger Community

Dear Arbinger Global Community,

We are pleased to inform you that Nancy Smyth will be our guest for the March Global Community Call. Nancy and I will be having a conversation about helping things go right on March 30, 2011. Visit the [homepage](#) for details. We'd love to have you join us, either in person or by listening to the recording later. You can register [here](#).

Warm Regards,

Sarah Dean

Arbinger Community Team

P.S. The homepage link will only work if you are signed into the Arbinger Community.

Visit Arbinger Community at: http://arbingercommunity.ning.com/?xg_source=msg_mes_network

To control which emails you receive on Arbinger Community, [click here](#)

AD/150

From: Cianci, Sandra
To: Virgilio, Marty
Subject: Reserve Time - 4-6pm
Date: Monday, March 14, 2011 7:45:06 AM

Marty,

4:30-6 pm is reserved for your trip prep. I scheduled Mike Johnson to meet with you at 4pm for turnover items.

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

AD/151

From: [3WFN_Survey_Resource](#)
To: [3WFN Dining Survey](#)
Cc: [Pittiglio, Clayton](#)
Subject: Friendly Reminder: NRC Three White Flint North (3WFN) Dining Services Survey
Date: Monday, March 14, 2011 7:47:51 AM

If you have already taken the survey, thank you.

If you haven't taken the survey, please click on the link below and take a few minutes to provide your input. Your input is very important for the design of the new dining facility. The survey will be available through March 16, 2011.

From: 3WFN_Survey_Resource
Sent: Wednesday, March 09, 2011 7:55 AM
To: 3WFN Dining Survey
Cc: Pittiglio, Clayton
Subject: NRC Three White Flint North (3WFN) Dining Services Survey Initiation

As announced on March 2, 2011, your participation is requested in a survey related to the dining facility in the 3WFN building. The purpose of the survey is to obtain your feedback on a range of issues related to your favorite foods, anticipated use of the new dining facility, and the other factors that are most important to you. The results from the survey will help the facility design consultant, Cini Little, determine the equipment and layout necessary to deliver the desired menu items and services.

Please click on the following link on the **Zoomerang** website or copy and paste the link into your web browser to take the survey:
<http://www.zoomerang.com/Survey/WEB22BYCPL4GU5/>

The survey should take no more than 10 minutes to complete, and your responses will be completely anonymous. Be sure to complete the survey in one session; you will not be able to return to survey to finish it or change your answers later. The survey will be available from today through March 16, 2011.

The Computer Security Office has given its approval to conduct the survey.

Please participate in the survey; your input is very important for the design of the new dining facility.

Should you have any questions about the survey, please direct them to:
3WFN_Survey.Resource@nrc.gov

AD/152

From: Cheok, Michael
To: Harrison, Donnie; Heida, Bruce; Johnson, Deborah; Klein, Alex; Laur, Steven; Lee, Samson; Rodriguez, Veronica; Tate, Travis
Cc: Graham, Camillea; Alexander, Cheryl; Cohen, Shari; Schwarz, Sherry; Grobe, Jack
Subject: My status for today
Date: Monday, March 14, 2011 7:58:37 AM

Hi all:

I have been supporting the Ops Center this past weekend, and have just finished a 11pm (last night) to 7:00 am shift (this morning). I will be going home soon to catch some sleep, and will return tomorrow.

Sam will cover my meetings for today, but if you would like, we can also re-schedule.

Thanks

Mike

AD/153

From: Armstrong, Janine on behalf of Mamish, Nader
To: Flanders, Scott; Chokshi, Niles; Munson, Clifford; Rosales-Cooper, Cindy; Case, Michael; Hogan, Rosemary;
Kammerer, Annie; Dehn, Jeff; Schwartzman, Jennifer
Subject: Canceled: International Coordination on IAEA Seismic Safety Issues
Attachments: Request to schedule a meeting for Nader.msg
Importance: High

When: Monday, March 14, 2011 8:00 AM-8:45 AM (GMT-05:00) Eastern Time (US & Canada).
Where: O-4C3

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

3/7 – jva, per Jen Schwartzman

AD/154

Attachment Request to schedule a meeting for Nader.msg (2560 Bytes) cannot be converted to PDF format.

From: Bearde, Diane on behalf of R1DRSCAL RESOURCE
To: Wilson, Peter; Weerakkody, Sunil; Trapp, James; Kennedy, Silas; Henderson, Pamela; Conte, Richard;
Doerflein, Lawrence; Rogge, John; Hansell, Samuel; Schmidt, Wayne; Cahill, Christopher; Cook, William;
Bearde, Diane
Subject: 8-8:30 DRP/DRS PLANT STATUS MEETING

When: Occurs every Monday effective 3/14/2011 from 8:00 AM to 8:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: DRP

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

AD/155

From: [Case, Michael](#)
To: [Lorette, Phillip](#)
Subject: FW: E-DISTRIBUTION: Acceptance of Position
Date: Monday, March 14, 2011 8:06:00 AM
Attachments: [ML110530467.ADC](#)

Please print

From: Herbert, Tiana
Sent: Friday, March 11, 2011 11:35 AM
To: Ward, Steven; Habighorst, Peter; Bailey, Marissa; Kinneman, John; Moyer, Carol; Case, Michael
Cc: FCSS_Document_Processing Resource
Subject: E-DISTRIBUTION: Acceptance of Position

Date signed: March 9, 2011

ADAMS Accession Number: **ML110530467**

ADAMS Document Title: Acceptance of Position

AD/156

Attachment ML110530467_1.ADC (107 Bytes) cannot be converted to PDF format.

From: Dinsmore, Stephen
To: Ruland, William; Dudley, Richard; Cheok, Michael; Lee, Samson; Harrison, Donnie; Collins, Timothy
Cc: Barrett, Harold
Subject: Consistency between 50.46a and 50.48(c)
Date: Monday, March 14, 2011 8:16:25 AM

As requested, three specifics on how 50.46a is consistent with 50.48(c)

- 1) Both rules follow the RG 1.174 risk-informed evaluation framework
- 2) Both rules permit self-approval of changes which cause "minimal" increases in risk
- 2) Both rules require evaluation of the cumulative effect on risk from changes made under the rule

AD/157

From: Alan
To: Beasley, Benjamin; Demoss, Gary; Ott, William; Peters, Sean; Salley, Mark Henry; Kuritzky, Alan
Cc: Coe, Doug
Subject: FW: ACTION: 2nd Quarter FY2011 OpPlan Update and Performance Report Input - Due 3/30
Date: Monday, March 14, 2011 8:18:29 AM
Attachments: 2nd Quarter Performance Report Input.doc

Everyone,

Please update your E and O level milestones in the OpPlan as soon as practical. I would like **everyone** to send me an email which either states that your milestones have been updated or that no updates are necessary. Also, please include in your email significant accomplishments, if any, for the first 3 months of this calendar year (published NUREGs or Reg. Guides, ACRS meetings, PSA 2011 papers, etc.).

Thank you in advance for your timely response,
Alan

From: Hudson, Daniel
Sent: Friday, March 11, 2011 11:02 AM
To: Beasley, Benjamin; Demoss, Gary; Ott, William; Peters, Sean; Salley, Mark Henry; Kuritzky, Alan
Cc: Coe, Doug; Coyne, Kevin; Hudson, Daniel; Ibarra, Jose
Subject: ACTION: 2nd Quarter FY2011 OpPlan Update and Performance Report Input - Due 3/30

BCs:

Please update your E and O level milestones on the RES User Need and Operating Plan SharePoint Site and provide the following input for the 2nd Quarter FY2011 (1/1/2011 – 3/31/2011) Performance Report to Jose Ibarra **by COB on Wednesday, 3/30**:

- (1) 1-2 significant accomplishments per Branch, including a description of the regulatory significance and identification of the staff involved.
- (2) NUREGs published.
- (3) Significant meetings/conferences/published papers.
- (4) 1 challenge affecting technical work per Branch (if applicable).

To provide your input, you can either add your information to the attached template, or you can edit the shared file on the DRA SharePoint site at:

<http://portal.nrc.gov/edo/res/dra/Shared%20Documents/Quarterly%20Performance%20Report%20and%20OpPlan/FY%202011/2nd%20Quarter%20Performance%20Report%20Input.doc>

Thanks,
Dan

Daniel W. Hudson
Technical Assistant
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Daniel.Hudson@nrc.gov
301-251-7919

AD/158

**Office of Nuclear Regulatory Research
FY 2011 Performance Report – 2nd Quarter**

I. Significant Accomplishments

Division of Risk Analysis (DRA)

- ETB Accomplishment 1
- ETB Accomplishment 2
- FRB Accomplishment 1
- FRB Accomplishment 2
- HFRB Accomplishment 1
- HFRB Accomplishment 2
- OEGIB Accomplishment 1
- OEGIB Accomplishment 2
- PRAB Accomplishment 1
- PRAB Accomplishment 2
- PRB Accomplishment 1
- PRB Accomplishment 2

**Office of Nuclear Regulatory Research
FY 2011 Performance Report – 2nd Quarter**

[illegible]

**Office of Nuclear Regulatory Research
FY 2011 Performance Report – 2nd Quarter**

[illegible]

**Office of Nuclear Regulatory Research
FY 2011 Performance Report – 2nd Quarter**

II. Challenges

- Challenge 1
- Challenge 2
- Challenge 3

From: Case, Michael
To: Rivera-Lugo, Richard; Betancourt, Luis
Cc: Hogan, Rosemary; Sydnor, Russell; Richards, Stuart
Subject: FW: RIC Posters in My Office - Church Street 06D06
Date: Monday, March 14, 2011 8:21:00 AM

Hey guys, thanks.

From: Bonaccorso, Amy
Sent: Thursday, March 10, 2011 3:45 PM
To: Bonaccorso, Amy; Hudson, Daniel; Hill, Kendra; Sturzebecher, Karl; Betancourt, Luis; Stevens, Gary; Focht, Eric; Fleger, Stephen; Xing, Jing; D'Agostino, Amy; Peters, Sean; Rao, Appajosula; Moyer, Carol; Tregoning, Robert; Rudland, David; Philip, Jacob; Cumblidge, Stephen; Iyengar, Raj; Sancaktar, Selim; Waterman, Michael; Kanney, Joseph; Rathbun, Howard; Hamdan, Latif; Rivera-Varona, Aida; Snyder, Amy; Araguas, Christian; Mroz (Sahm), Sara; Zuberi, Sardar; Glazer, Adam; Danoff, Karen; Mendiola, Mary; Couret, Ivonne; Ramsey, Jack; Emche, Danielle; Coates, Carlotta; Raaum, Darrin; GRAPHICS Resource; Medina, Veronika
Cc: Kipfer, Lorna; Langlie, Liz; Bush-Goddard, Stephanie; Armstrong, Kenneth; Rini, Brett; Donaldson, Leslie; Valentin, Andrea; Uhle, Jennifer; Gibson, Kathy; Lui, Christiana; Coe, Doug; Richards, Stuart; Case, Michael; Sheron, Brian; Sangimino, Donna-Marie; Sangimino, Donna-Marie; Gonzalez, Felix; Gonzalez, Sergio; Betancourt, Luis; Rivera-Lugo, Richard; Givvines, Mary; Salley, MarkHenry; Scott, Michael
Subject: RIC Posters in My Office - Church Street 06D06

Good afternoon:

If you did not pick up your poster, it should be in my cubicle: Church Street 06D06. Please feel free to come by and pick it up. If you don't want it, let me know. And, if you are at White Flint or anywhere else, send me an email and I should be able to arrange for it to be mailed to you next week.

We originally planned for poster presenters to carry their posters with them at the end of the program. Most people told us they wanted to take their posters with them on a form. But, a lot of the posters were left behind. We packed them to make sure that nobody lost a poster they wanted though, and they are here.

A special thank you to **Felix Gonzalez, Sergio Gonzalez, Luis Betancourt, and Richard Rivera-Lugo** for their help with packing and transporting the posters! I could not have done it without you guys!

Thank you,

Amy

Amy Bonaccorso
Senior Communications Specialist
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
301-251-7681
amy.bonaccorso@nrc.gov

A0/159



From: Bonaccorso, Amy

Sent: Friday, March 04, 2011 1:23 PM

To: Hudson, Daniel; Hill, Kendra; Sturzebecher, Karl; Betancourt, Luis; Stevens, Gary; Focht, Eric; Fleger, Stephen; Xing, Jing; D'Agostino, Amy; Peters, Sean; Rao, Appajosula; Moyer, Carol; Tregoning, Robert; Rudland, David; Philip, Jacob; Cumblidge, Stephen; Iyengar, Raj; Sancaktar, Selim; Waterman, Michael; Kanney, Joseph; Rathbun, Howard; Hamdan, Latif; Rivera-Varona, Aida; Snyder, Amy; Araguas, Christian; Mroz (Sahm), Sara; Zuberi, Sardar; Glazer, Adam; Danoff, Karen; Mendiola, Mary; Couret, Ivonne; Ramsey, Jack; Emche, Danielle; Coates, Carlotta; Raaum, Darrin; GRAPHICS Resource; Medina, Veronika

Cc: Kipfer, Lorna; Langlie, Liz; Bush-Goddard, Stephanie; Armstrong, Kenneth; Rini, Brett; Donaldson, Leslie; Valentin, Andrea; Uhle, Jennifer; Gibson, Kathy; Lui, Christiana; Coe, Doug; Richards, Stuart; Case, Michael; Sheron, Brian; Sangimino, Donna-Marie; Sangimino, Donna-Marie

Subject: RIC Poster Reminders

Good afternoon!

I'm excited about the RIC and want to make sure everyone has the details they need for next week.

Set Up

Your poster or tabletop will be set up for you on Monday at the Marriott. If you requested equipment (like laptops) or have handouts to display– it's important to come to the hotel on Monday at 1:00 p.m. Test your equipment, load laptops with any materials you plan on showing, and arrange your display. People will be there to assist you if you need help or have questions. All set up should be complete by 3:00 p.m.

Showtime

It's best to be at your display and available to answer questions a little bit before the plenary sessions begin on Tuesday and Wednesday. The plenary sessions begin at 8:30 a.m., for instance, so I plan to arrive at 8:00 a.m. or earlier. Before the plenary sessions, lots of people are walking the halls and studying the exhibits, so it's a great time to talk to attendees.

Otherwise, the most important times to be available are during breaks....but feel free to be available during other times too. Sometimes, attendees might talk to a poster presenter in depth when most people are in sessions.

Need Assistance?

RIC Volunteers should be there in force with badges. I will be on-site, have a blackberry, and you are welcome to call my cell – 703-577-2855. Additional RIC support staff will be in the Glen Echo room (downstairs).

Taking Your Poster with You

At the end of the conference, break down your tabletops and roll up your posters if you want to keep them. We should have shipping tubes for the posters if you want to use one, and rubber bands....but please feel free to bring your own packing materials (maybe a trash bag in case it rains?)

Thank You!

Thank you so much for your hard work. This will be a great RIC and I can't wait to see everyone's display!

Please don't hesitate to contact me with questions.

Amy

Amy Bonaccorso
Senior Communications Specialist
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
301-251-7681
amy.bonaccorso@nrc.gov



From: Hogan, Rosemary
To: Case, Michael
Subject: Out of Office: RIC Posters in My Office - Church Street 06D06
Date: Monday, March 14, 2011 8:21:37 AM

I will be out of the office Mar 14-24, 2011.

Herman Graves will be Acting Branch Chief March 14-17, 2011. Please contact him at 301-251-7625 or herman.graves@nrc.gov

Jose Pires will be Acting Branch Chief March 18-24, 2011. Please contact him at 301-251-7696 or jose.pires@nrc.gov

AD/160

From: [Pedersen, Renee](#)
To: [Zimmerman, Roy](#)
Cc: [Leeds, Eric](#)
Subject: RE: OCWE Video- Rescheduled
Date: Monday, March 14, 2011 8:26:59 PM

Roy,

A big part of the success for this video is to include diverse locations. As such, we want to include Mike outside at the 3WFN construction site. Caroline has been doing a **great** job setting up locations and making sure that we don't disrupt business.

I will send you the latest script when I get in the office tomorrow. I can also show you the video we've shot thus far, including Eric Leeds.

Renee

From: Zimmerman, Roy
Sent: Monday, March 14, 2011 3:32 PM
To: Pedersen, Renee
Cc: Campbell, Andy
Subject: FW: OCWE Video- Rescheduled

What have you got planned for Mike? Is there a script? thx

From: Weber, Michael
Sent: Monday, March 14, 2011 3:16 PM
To: Cianci, Sandra
Cc: Bowman, Gregory; Zimmerman, Roy; Campbell, Andy
Subject: Response - OCWE Video- Rescheduled

Sounds fine. I would not want to be on site without a safety brief!

From: Cianci, Sandra
To: Weber, Michael
Sent: Mon Mar 14 10:48:23 2011
Subject: OCWE Video- Rescheduled

Mike,

We are rescheduling the OCWE video shoot. The plan is to have your video shoot on the construction site of 3WFN. However, the builder requires a brief safety orientation prior to the shoot. OE would like to ensure you are comfortable with this request. Thanks

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714*

AD/161

sandra.cianci@nrc.gov

From: Bahadur, Sher
To: Ruland, William
Subject: RE: Weekly counterparts meeting with Ader/Ruland
Date: Monday, March 14, 2011 8:30:26 AM

ok

SHER BAHADUR; DEPUTY DIRECTOR, NRR/DSS
301-415-3283
sher.bahadur@nrc.gov

From: Ruland, William
Sent: Monday, March 14, 2011 8:18 AM
To: Bahadur, Sher
Subject: Fw: Weekly counterparts meeting with Ader/Ruland

Please handle
Bill Ruland, from
USNRC Blackberry

From: Scott, Michael
To: Ader, Charles; Ruland, William; Balarabe, Sarah; Penny, Melissa
Sent: Mon Mar 14 08:17:20 2011
Subject: RE: Weekly counterparts meeting with Ader/Ruland

If this is on today, I will be the RES rep as Kathy is out. Please advise as to location so I know where to call in.

Thanks

-----Original Appointment-----

From: RES_DSA_Calendar Resource
Sent: Monday, January 03, 2011 12:18 PM
To: RES_DSA_Calendar Resource; Scott, Michael; Kathy Gibson; Charles Ader; William Ruland; Sarah Balarabe; Penny, Melissa
Subject: Weekly counterparts meeting with Ader/Ruland
When: Monday, March 14, 2011 3:00 PM-4:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: TBD on a weekly basis

When: Occurs every Monday effective 11/09/2009 from 3:00 PM to 4:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: TBD on a weekly basis

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

.AD/162

From: [Harrison, John](#)
To: [Leeds, Eric](#)
Subject: BWR expertise in SWP
Date: Monday, March 14, 2011 8:36:13 AM

Eric,

HRs Strategic Workforce Planning Database should identify individuals with all types of expertise. Do you want me to look into it?

John

Sent from John Harrison's NRC Blackberry

AD/163

From: Inverso, Tara \
To: Ruland, William
Cc: Clifford, Paul; Helton, Shana; McGinty, Tim
Subject: Query: Thursday's (3/17) 50.46(b) Division Director Mtg
Date: Monday, March 14, 2011 8:56:12 AM

Bill,

A 50.46(b) Division Director meeting is tentatively scheduled for this Thursday (3/17, 11am – 12 pm). The purpose of the meeting would be to align on the RES deliverables (technical basis documents), and associated due dates.

The working group developed a schedule and tentative deliverables, due dates last week. Michelle, between then and now, is taking that information back to her management, and the working group will finalize those details at tomorrow's working group meeting.

RES has recommended that, in lieu of Thursday's division director meeting, I send out a detailed e-mail of the schedule/deliverables following tomorrow's working group meeting, and seek alignment through that correspondence.

Which approach do you prefer: e-mail summary, or Thursday 11 am – 12 pm Division Director meeting?

Please let me know if you have any questions.

Thank you,
Tara

Tara Inverso, Project Manager
Rulemaking Branch
O12-D21 / (301)-415-1024 / Tara.Inverso@nrc.gov

AD/164

From: West, Stephanie
To: RES DE
Subject: Training
Date: Monday, March 14, 2011 8:59:32 AM

Good Morning Everyone,

I will be at training at the PDC, Monday, Tuesday and Wednesday of this week. Please contact Phil Lorette for assistance.

Thanks,
Stephanie

AD/165

From: Laur, Steven
To: Cheok, Michael; Grobe, Jack; Lee, Samson
Cc: Rodriguez, Veronica
Subject: RE: ASP Briefing Follow-up
Date: Monday, March 14, 2011 9:01:27 AM

The policy appears to be well thought out and makes sense.

In hindsight, maybe analysts should do a "quick look" ASP (i.e., aggregate all the conditions in an ASP-like manner) during the SDP for a complex or complicated event. This could at least give management a "heads up" that there could be disparate-seeming results between SDP and ASP and avoid the angst when the ASP is performed many months later.

Steven A. Laur

NRR Division of Risk Assessment
OWFN 10-C15
(301) 415-2889
steven.laur@nrc.gov

From: Cheok, Michael
Sent: Friday, March 11, 2011 7:20 PM
To: Grobe, Jack; Laur, Steven; Lee, Samson
Cc: Rodriguez, Veronica
Subject: FW: ASP Briefing Follow-up

FYI

From: Franovich, Rani
Sent: Friday, March 11, 2011 5:08 PM
To: Bowman, Gregory
Cc: Brown, Frederick; Westreich, Barry; Cheok, Michael; Shoop, Undine; Vaughn, Stephen; Demoss, Gary; Coyne, Kevin; Scott, Michael; Rodriguez, Veronica
Subject: ASP Briefing Follow-up

Hi Greg,

Just FYI... the *excerpt* below is from IMC 0308 (ROP Basis for the Significance Determination Process). It relates to the discussion we had with the Chairman this afternoon. Parts of it may be useful in the AO report to describe the option we could exercise to address licensee performance if we do not believe the regulatory response dictated by the Action Matrix (AM) is appropriate (see highlighted text below). We should defer to Region II to provide the rationale for our satisfaction with the licensee's actions in response to the March 2010 event such that an AM Deviation is not warranted.

The other point the Chairman made that also is going through the minds of senior execs in NRR relates to the implications for ROP effectiveness. As I alluded to in the TA briefing this afternoon, two of the objectives of the AARM are 1) to review results of the staff's assessment of ROP effectiveness, including a review of approved deviations from the action matrix, and 2) to ensure that trends in industry and licensee performance are recognized and appropriately addressed. The **final** ASP determination and its implications for the ROP may warrant **formal** AARM discussion in 2012. The staff is getting out in front

AD/166

of this potential data point by planning to informally discuss (following the AARM next month) the implications of the Robinson ASP for ROP assessments of licensee performance and associated regulatory response.

Hope this helps,
Rani

0308, Att 3 Issue Date: 10/16/06

6. TREATMENT OF CONCURRENT DEGRADED CONDITIONS

The use of the ROP Action Matrix demands that its inputs be discrete and not duplicative. When separate licensee performance deficiencies result in separate degraded conditions that overlap each other in time, there could be a synergistic risk impact during the overlapping period of time that is greater than the sum of the two parts. This possibility motivated the development of a rule to treat such conditions. This rule considered the following points.

The staff is responsible to define licensee performance deficiencies. Where the proximate cause of multiple degraded conditions is the same, there is likely to be only one finding (based on the identified performance deficiency related to the proximate cause) and the risk impact of the collective degraded conditions (including any overlapping conditions) is then appropriately used as the basis for the SDP result. However, this concept could be taken to an extreme of defining all licensee performance deficiencies as "management weakness" or something similarly fundamental. Doing so would then cause all degraded conditions to be manifestations of a single and possibly never-ending finding, would make unnecessary the need for an Action Matrix, and may require the staff to devise a continuous risk meter or similar substitute for the Action Matrix. Thus, a "floor" was set for the implementation of this concept that is consistent with the ROP framework, in that no performance deficiency should be defined at a level associated with the ROP cross-cutting issues (i.e., human performance, safety-conscious work environment, and problem identification and resolution) or more fundamentally. Although artificially setting this "floor" may create a philosophical inconsistency with use of a probabilistic thinking framework (i.e., if there is really a known common-cause effect taking place, then it should be explicitly acknowledged in a probabilistic model), it remains necessary for practical reasons as long as the Action Matrix continues in its present form. Concerns about possible insufficient regulatory responses arising from this approach are also mitigated as noted below.

When multiple findings are judged to be separate and independent of each other, yet cause degraded conditions that overlap in time, the SDP will treat them independently and thereby allow the Action Matrix to receive multiple inputs and perform the "summing" of these risk impacts (along with all other cornerstone inspection and PI inputs) to inform the degree of regulatory response required for that licensee. This approach has the valuable benefit of allowing individual SDP risk determinations to proceed independently and therefore generally in a more timely fashion. In most cases, it is believed that the "summing" result of the Action Matrix will produce a regulatory response equal to that of combining the multiple findings into a single finding of collective risk significance. The staff's use of risk tools in other processes (e.g., Accident Sequence Precursor Program) or simply for the purpose of understanding collective risk significance may be appropriate, and in those cases where it is determined that such understanding should alter the

agency's response to the specific licensee, the staff may invoke a deviation from the Action Matrix by appropriate justification and meeting the prescribed process requirements of the ROP.

Hergenroder, Dan

From: Collins, Elmo
Sent: Monday, March 14, 2011 9:18 AM
To: Leeds, Eric
Cc: Virgilio, Martin
Subject: Info for your consideration as needed.

Eric

Wrt to the conference we had this morning, Region IV will be providing some names.

My name will be missing from the list, but I am available, willing, and interested if it fits agency and international needs.

I worked for GE for 5 years:

SRO certified, BWR4/6

ECCS system pre-operational testing experience, wrote and performed tests

System test engineer/system engineer on RCIC

Control Room experience as advisor to STA in BWR-4

With NRC:

Resident inspector, Sr. Resident inspector BWR-2 (isolation condenser facility)

Extensive inspection experience BWR-4 and 6

Elmo

From: Stuchell, Sheldon
To: Lubinski, John; Thomas, Brian; Lupold, Timothy; Cusumano, Victor; Pelton, David; Auluck, Rajender; Hiser, Allen; Skeen, David; Khanna, Meena; Rodriguez, Veronica; Dennig, Robert; Scott, Michael; Titus, Brett; Chokshi, Niles; Lauron, Carolyn; Mrowca, Lynn; McGovern, Denise; Rivera-Varona, Aida; Gavrilas, Mirela; Koshy, Thomas; Hogan, Rosemary; Beasley, Benjamin; Kuritzky, Alan; Demoss, Gary
Cc: Jolicoeur, John
Subject: FW: Underground Piping and Tanks Integrity Initiative. 03/07/2011
Date: Monday, March 14, 2011 9:24:55 AM
Attachments: [distribution.doc](#)
[ML110700120.APK](#)

All,

As the NRR POC for any NEI interactions, I received the attached report. Please refer to **ML110700120** for the complete package (3 documents, including the revised guidance document). I provide the attached for information and potential coordination within the NRC.

The cover letter provides the guidance document for NRC informational purposes, and does not request endorsement.

The document was sent to Eric Leeds, with copies going to Jack Grobe, Michele Evans, and Robert Hardies.

I do not intend to respond at this time. If others should be made aware of these documents, please pass along.

Sheldon

From: E-RIDS2 Resource
Sent: Friday, March 11, 2011 10:34 AM
To: RidsAcraAcnw_MailCTR Resource; RidsManager Resource; RidsNroDcipCaeb Resource; RidsNroDnrlNrga Resource; RidsNroDnrlNwe1 Resource; RidsNrrDe Resource; RidsNrrDrs Resource; RidsNrrDrsIolb Resource; RidsNrrDrsIts Resource; RidsNrrDlrRapb Resource; RidsNrrDlrRarb Resource; RidsNrrDpr Resource; RidsNrrDprPfpb Resource; RidsNrrDprPspb Resource; RidsNrrPmda Resource; RidsNrrPmdaPhcb Resource; RidsResDE Resource; Stuchell, Sheldon
Subject: Underground Piping and Tanks Integrity Initiative. 03/07/2011

ADAMS Distribution Notification

D046 - Project 689 - NRR/NRO Interactions with Nuclear Energy Institute (NEI)

Title	Underground Piping and Tanks Integrity Initiative.
Docket Number	PROJ0689
Document Date	03/07/2011
Author Name	Marion A
Author Affiliation	Nuclear Energy Institute (NEI)
Addressee Name	Leeds E J

AD/168

Addressee Affiliation	NRC/NRR
Document Type	Letter
Availability	Publicly Available
Date to be Released	03/21/2011
Document Sensitivity	Non-Sensitive
Comment	EIE Submittal
Date Added	03/11/2011

Electronic Recipients can RIGHT CLICK and OPEN the first Attachment to View the Document in ADAMS. The Document may also be viewed by searching for **Accession Number ML110700120**.

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Document Profile

Accession Number	ML110700121
Title	Underground Piping and Tanks Integrity Initiative.
Docket Number	PROJ0689
Document Date	03/07/2011
Author Name	Marion A
Author Affiliation	Nuclear Energy Institute (NEI)
Addressee Name	Leeds E J
Addressee Affiliation	NRC/NRR

Document Type	Letter
Availability	Publicly Available
Date to be Released	03/21/2011
Document Sensitivity	Non-Sensitive
Comment	EIE Submittal
Date Added	03/11/2011
Keyword	exb3 tjb2

Attachment ML110700120.APK (107 Bytes) cannot be converted to PDF format.

From: Valentin, Andrea
To: Case, Michael
Subject: FW: Training Procurement
Date: Monday, March 14, 2011 9:27:02 AM

Mike,

As discussed, please see the latest e-mail from Jody Hudson. Can you give him a call and make sure we are on track with your training?

Thanks!

From: Hudson, Jody
Sent: Monday, March 14, 2011 8:28 AM
To: Valentin, Andrea
Subject: RE: Training Procurement

Thanks for the follow up Andrea.

I can see from your attached correspondence that there has been much internal discussion within RES on the subject course procurement.

The issue that we are raising is that only HR is authorized to procure training in HQ. This authorization applies regardless of the source of the funding. When an office desires training such as the course RES is interested in, the approach that should be used is for RES to work in partnership with us whereby we manage the procurement and the funding provided by RES (or others).

Our management of the procurement and the course assures that we can also comply with federal regulatory requirements regarding the reporting of agency training to OPM and the capture of completed training in employees official training records.

I hope this helps. If you'd like to discuss live as opposed to email, I welcome the conversation (301-492-2215).

Regards

-
Jody Hudson
Chief Learning Officer
Human Resources Training & Development
U.S. Nuclear Regulatory Commission
Mailstop: GW-4A01
301-492-2215

From: Valentin, Andrea
Sent: Monday, March 14, 2011 7:34 AM
To: Hudson, Jody
Subject: FW: Training Procurement

AD/169

Hi Jody,

I have seen some e-mail traffic on this proposed course, and I wanted to double check on whether or not RES is now following the appropriate procedure to procure this training.

Thanks,

Andrea Valentin, Acting Director
Program Management, Policy Development and Analysis Staff
Office of Nuclear Regulatory Research
301-251-7497

From: Betancourt, Luis
Sent: Friday, March 11, 2011 2:34 PM
To: Purdie, Deonna
Subject: RE: Training Procurement

Hi Deonna,

RES/DE is in the process of contracting for Areva's TSX training course. Our management is already aware of this (see attached) and we are still in the process of discussing estimated costs with AREVA. If you still have any questions feel free to call me.

Thanks,

LUIS BETANCOURT DIGITAL I&C ENGINEER (EIT) RES/DE/DICB 301-251-7409 MS C-2A07M Luis.Betancourt@nrc.gov U.S. Nuclear Regulatory Commission

 Please consider the environment before printing this e-mail

From: Purdie, Deonna
Sent: Friday, March 11, 2011 2:30 PM
To: Betancourt, Luis
Subject: FW: Training Procurement

Based on the attached email is training in the works? Please advise, thank you

From: Hudson, Jody
Sent: Friday, March 11, 2011 11:54 AM
To: Purdie, Deonna
Subject: RE: Training Procurement

Hi Deonna

The below email was provided to me by my TTC staff. What they were not certain of is whether the RES procurement was planned or actual. It appears from the correspondence that at least one key individual involved is Luis Betancourt.

I hope this helps.

Regards

Jody Hudson

Chief Learning Officer
Human Resources Training & Development
U.S. Nuclear Regulatory Commission
Mailstop: GW-4A01
301-492-2215




From: Betancourt, Luis
Sent: Tuesday, February 08, 2011 11:17 AM
To: Picon-Colon, Reinaldo
Subject: Vendor training

Hi Réy,

I need your help on something since you're one of the people I know in HR. Currently, my branch is looking to contract a vendor to provide the NRC staff some training on specific platforms that are commonly used in the field. However, there are around 15 staff members from different offices that are interested in the training and I've being asked to check on the feasibility of getting HR's training division to help pay and put this together. Can you refer me to someone who can help me with this?

Thanks,

Luis D. Betancourt, EIT

Digital I&C Engineer
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Digital Instrumentation and Control Branch
21 Church Street, Rockville MD, 20850, USA
 C-2A07M
 301-251-7409
 301-251-7422

Luis.Betancourt@nrc.gov

"We are what we believe we are" - C.S. Lewis

 Please consider the environment before printing this e-mail

Laur, Steven

From: Laur, Steven
Sent: Monday, March 14, 2011 9:39 AM
To: Laur, Steven
Subject: Weekly Report: March 7 - 11, 2011

Highlights include:

Meetings: =====

Monday, 03/07 – DRA Staff meeting (1.0); comments on draft SRM on CAP (0.5)
Tuesday, 03/08 – Monitor updated P-203 (RTE task) (3.0); RIC session on GSI-191 PWR sumps (2.0)
Wednesday, 03/09 – RIC Plenary sessions: Commissioners Magwood and Apostolakis (2.0); RNP ASP event with APOB (0.25); pre-meeting for RIC on CAP credit (0.5)

Thursday, 03/10 – Presentation on CAP Credit at RIC (1.5); GI-199 generic letter meeting (2.0)
Friday, 03/11 – Chairman brief on Robinson dual fire event (1.0); **CWS Off**

New Assignments: =====

Accomplishments: =====

- Draft SRM on CAP credit approves staff's option 1 – final SRM should be out soon!
- Prepared closure memo for RTE task 1.4.1, upgrade P-203 (HRA) course. Issued on 03/09/2011.

Weekly Activity: =====

Administrative - Miscellaneous e-mail, work planning, etc. Read daily reports and looking at similar information ("Inside NRC") to keep abreast of what is happening in the nuclear arena.

CAP Credit SRM – SECY issued draft SRM for comment last Friday (I received copy on Monday). DSS thought we should provide comments. After much discussion (Rich, Robert D., Donnie and I), we agreed to minimalistic suggested changes. The idea is not to snatch defeat from the jaws of a great victory!

Robinson dual fire event ASP – read the INPO SOER on that event. While INPO missed quite a lot (e.g., that RNP operators failed to trip RCP's A and C), it is clear that the event was significant in several respects. The INPO document convinces me that RCP seal support was indeed totally lost for some amount of time (rather than a vague inference based on a diversion path opening up). ***Attended RES briefing of the Chairman on Friday for one hour (my CWS).***

Steven A. Laur
NRR Division of Risk Assessment
OWFN 10-C15
(301) 415-2889
steven.laur@nrc.gov

Steven A. Laur
NRR Division of Risk Assessment

AD/170

From: Casto, Greg
To: Ruland, William
Subject: BWR Experience
Date: Monday, March 14, 2011 9:52:18 AM

Understand from Steve that you were looking for expertise. I've worked at several, primarily in the HP end. I was EP manager at Cooper, and have the engineering/ops certification as well as the SAMG and accident scenario and mitigation management experience. I could go if needed to provide a accident management and emergency preparedness perspective if needed. tx greg

AD/471

From: edats@nrc.gov
To: [Stevens, Mackenzie](#); [Stevens, Mackenzie](#); [Seltzer, Rickie](#); [Olive, Karen](#); [Jaegers, Cathy](#); [Rakovan, Lance](#); [Taylor, Renee](#); justin.toth@exceptionalsoftware.com; [Landau, Mindy](#); [Thomas, Ann](#); [Garland, Stephanie](#); [Trocine, Leigh](#); [Harrison, John](#); [Jacobs-Baynard, Elizabeth](#); [Arildsen, Jesse](#); [Hasan, Nasreen](#); [Williams, Shawn](#); [Wallace, Denise](#); [Borchardt, Bill](#); [Recio, Arthur](#); [Kasputys, Clare](#); [Trapp, James](#); [Clayton, Kathleen](#); [Andersen, James](#); [Corley, Cherrie](#); [Frazier, Alan](#); [Rihm, Roger](#); [Muessle, Mary](#); [Mamish, Nader](#); [Langlie, Liz](#); [Cianci, Sandra](#); [Wittick, Brian](#); [Elmers, Glenn](#); [Bowman, Gregory](#); [Kotzalas, Margie](#); [Brock, Kathryn](#); [Debnam, Consuella](#); [Sanfilippo, Nathan](#); dan.merzke@nrc.gov; [Carpenter, Cynthia](#); [Davis, Kristin](#); [McLaughlin, Terri](#)
Cc: [Davis, Kristin](#); [Stevens, Mackenzie](#); [Garland, Stephanie](#); [Cianci, Sandra](#); [Davis, Chon](#); [Stevens, Mackenzie](#); [Taylor, Renee](#)
Subject: Action: EDATS Task OEDO-2010-0157 Approved for Distribution Notice SUBJECT: Annual Report - Management Directive 715 Report to the Equal Employment Opportunity Commission
Date: Monday, March 14, 2011 9:58:44 AM

This is to notify you that the Letter prepared for EDATS Task Number OEDO-2010-0157 has been approved and distributed.

Subject: Annual Report - Management Directive 715 Report to the Equal Employment Opportunity Commission

Description:

AD/172

From: Weaver, Tonna
To: NRR DSS SBPB Distribution; Bailey, Stewart; Balarabe, Sarah; Ruland, William; Bahadur, Sher; Collins, Timothy; Clifford, Paul; Titus, Brett; Mendiola, Anthony; Dennig, Robert; Ulses, Anthony
Subject: Delegation March 14.docx
Date: Monday, March 14, 2011 9:59:38 AM
Attachments: Delegatio March 14.docx

AD/173



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

March 14, 2011

MEMORANDUM TO: Sher Bahadur, Deputy Director
Division of Safety Systems
Office of Nuclear Reactor Regulation

FROM: Greg Casto, Branch Chief
Balance of Plant Branch (SBPB)
Division of Safety Systems

SUBJECT: DELEGATION OF AUTHORITY

While I am out of the office on March 14th 2011, Gerard Purciarello (415-1105) will be acting branch chief for SBPB:

DISTRIBUTION
DSS DDs, BCs, Secys
SBPB staff

From: Lee, Samson
To: Boger, Bruce
Cc: Klein, Alex; Rodriguez, Veronica; Cheok, Michael; Grobe, Jack
Subject: DRA recommendations to support current events overseas
Date: Monday, March 14, 2011 10:06:40 AM
Attachments: From DRA March 14 2011.doc

Bruce:

As requested at ET today, please see attached response from DRA.

Thanks,
Sam

AD/174

3/14/11

From DRA:

Jeff Circle

Mr. Circle has extensive experience in the following areas:

- Probabilistic risk assessments, including system modeling.
- ROP, SDP, and SERPs
- Licensing interface
- Maintenance rule
- Reactive inspection decision-making
- Outage management

Mr. Circle is a member of the HQ Incident Response Reactor Safety Team. Prior to joining the NRC, Mr. Circle worked for Entergy for 6 years (2000-2006) and with the New York Power Authority for 7 years (1993-2000). He has significant experience with BWRs and PWRs.

Harold Barrett

Mr. Barrett has significant BWR experience. He worked at Nine Mile Point on and off for about 15 years. He held a Senior Reactor Operator's license at Nine Mile Point Unit 1, including several positions in Operations Management (Assistant Operations Superintendent and General Supervisor Operations), was qualified in Emergency Plan Implementation and was involved with symptom-based procedure development and participated on the BWR Owner's Group Emergency Procedures Committee (responsible for the BWR Emergency Procedure Guidelines for all BWR product lines) in the mid-1980s.

From: Grobe, Jack
To: Leeds, Eric; Meighan, Sean
Subject: Names
Date: Monday, March 14, 2011 10:05:47 AM

Eric

For the ops center type folks, I would emphasize today folks who are BWR SRIs, BWR licensed operators or BWR license certifications (these folks have severe accident management training) and severe accident management experts (like Charlie Tinkler).

For folks we are sending to the Embassy, the level of technical capability is less important as is the level of understanding of reactor operations and operations emergency response. This category from NRR would include Brown, Holian, Ruland, Evans, etc., and multiple other BCs and above who have ops experience and/or SRI experience along with Reactor Safety Team leadership experience.

How can I help?

Jack Grobe, Deputy Director, NRR

AD/175

From: Ruland, William
To: McHale, John; Bahadur, Sher
Cc: Silk, Anne
Subject: RE: ET Significant Topic
Date: Monday, March 14, 2011 10:20:00 AM

Anne, please work with Sher to schedule.

From: Mchale, John
Sent: Thursday, March 10, 2011 11:18 AM
To: Ruland, William
Cc: Silk, Anne
Subject: FW: ET Significant Topic

Bill,

Per our brief discussion at the RIC this morning, I'm sending along a proposed ET Significant Topic on operator licensing. I can be ready to deliver at any of the open meeting times this month (Mar. 17, 24 or 31). Thanks.

Jack

From: Mchale, John
Sent: Thursday, March 03, 2011 8:21 AM
To: Ruland, William
Cc: Brown, Frederick
Subject: FW: ET Significant Topic

Bill,

Per Anne's direction, I've attached a POP and slide presentation for a potential ET Significant topic on March 17. Please let me know if you approve and would like it added to the ET schedule, or if you have questions or need more info. Thanks.

Jack

Jack Mchale, Chief
Operator Licensing & Training Branch
Division of Inspection & Regional Support
Office of Nuclear Reactor Regulation
(301) 415-3254
John.Mchale@nrc.gov

From: Silk, Anne
Sent: Wednesday, March 02, 2011 2:07 PM
To: Mchale, John
Subject: RE: ET Significant Topic

AD 1176

Hi Jack,

The new LT Chair, Bill Ruland, has requested that interested presenters provide him with a POP and advance copy of any slides to be used. Can you please see Bill with this info and then let me know when you have spoken with him and get the green light?

Thanks,
Anne

From: McHale, John
Sent: Wednesday, March 02, 2011 11:27 AM
To: Silk, Anne
Subject: ET Significant Topic

Hi Anne,

I have an ET Significant Topic I would like to present on March 17 (looks like an open day on the SharePoint calendar). The topic is Operator Licensing Process Improvement Initiatives. I've discussed this with my Div Director (Fred Brown), who suggested I contact you to get on the schedule. Slides are attached for reference. Please let me know if you need any more information or if I should do anything else to get on the schedule. Thanks!


Jack


Jack McHale, Chief
Operator Licensing & Training Branch
Division of Inspection & Regional Support
Office of Nuclear Reactor Regulation
(301) 415-3254
John.McHale@nrc.gov

From: [Brookings Alert](#)
To: [Virgilio, Martin](#)
Subject: Brookings: Guantanamo; Metro Monitor; the New Global Order
Date: Monday, March 14, 2011 10:24:25 AM

View online: <http://www.brookings.edu/newsletters/brookingsalert/2011/0314.aspx>

[Brookings.edu](#) March 14, 2011

Brookings  *Alert*

 **Bipartisan Deal on Guantánamo?**

President Obama announced last week a new review process for detainees at Guantánamo Bay and permitted military trials of detainees there to resume. Benjamin Wittes writes that the fallout from Obama's actions may encourage the administration to make a deal with Congressional Republicans that could result in a truly bipartisan detention policy.

[Read More »](#)

Public Workers Feel Pinch

Wisconsin's denial of bargaining rights to government labor unions last week follows on a national trend toward fewer public workers. The March MetroMonitor finds the economic recovery is "uneven and unsure" across the 100 largest metropolitan areas as local government employment fell in 60 metros; state government employment declined in 48.

[Read More »](#)

Is America the Largest Minority Shareholder in the Global Order?

The influence of emerging powers such as Brazil, Russia, India and China is a central fact of geopolitics, while the Arab world's shifting political landscape is still playing out. On March 15, Brookings and *Foreign Policy* magazine host a discussion of a new paper on implications of these shifts for cooperation on issues vital to U.S. interests and a stable world order.

[Read More »](#)

THIS WEEK AT BROOKINGS

International Organizations and Taiwan

March 14, 2011, 10:00 AM to 11:45 AM

Global Energy Agenda for the 21st Century

March 15, 2011, 10:30 AM to 11:30 AM

Shifting Balance of Power: Has the U.S. Become the Largest Minority Shareholder in the Global Order?

AD/177

March 15, 2011, 2:00 PM to 3:30 PM

Defense Challenges and Future Opportunities

March 16, 2011, 9:30 AM to 4:00 PM

The Federal Budget: A Live Web Chat with Bill Frenzel

March 16, 2011, 12:30 PM to 1:00 PM

From Popular Revolutions to Effective Reforms: The Georgian Experience

March 17, 2011, 2:00 PM to 3:00 PM

ON THE HORIZON

A. Alfred Taubman Forum on Improving Government Performance

March 22, 2011, Governance Studies

Southern Sudan in Transition: Promoting and Protecting Human Rights

March 25, 2011, Brookings-Bern Project on Internal Displacement

RESEARCH AND COMMENTARY ON MIDDLE EAST UNREST



The Real Military Options in Libya

Kenneth M. Pollack, The Brookings Institution



On the Libya No-Fly Zone, Put the UN Security Council Front Forward

Bruce Jones, The Brookings Institution



Why Middle East Monarchies Might Hold On

Shadi Hamid, The Atlantic



Political Unrest Brings a New Arab World

Shibley Telhami



Why Egypt Has to be the U.S. Priority in the Middle East

Robert Kagan and Michele Dunne, The Washington Post

[More Research and Commentary on Middle East Unrest »](#)

OTHER RESEARCH & COMMENTARY



@ Brookings Podcast: The Census and Changing Demographics in U.S. Schools

William H. Frey, The Brookings Institution



Opportunity through Education: Two

Proposals

Grover J. "Russ" Whitehurst, The Brookings Institution



Rebuilding America: The Role of Foreign Capital and Global Public Investors

Darrell M. West, Rick Kimball, Raffiq Nathoo, Daniel Zwirn, Vijaya Ramachandran, Gordon M. Goldstein and Joel H. Moser, The Brookings Institution



An Overview of Macroprudential Policy and Countercyclical Capital Requirements

Douglas J. Elliott, Brookings

Endowed by Their Creator?: The Future of Constitutional Personhood

James Boyle, The Brookings Institution



Patterns of Conflict in Pakistan: Implications for Policy

Mohammad Waseem, The Brookings Institution



A Ways To Go In Iraq

Michael E. O'Hanlon, Washington Times



Trust in Public Institutions over the Business Cycle

Betsey Stevenson and Justin Wolfers, The Brookings Institution



Colombia's Consolidation: Everything Coming up Orchids?

Vanda Felbab-Brown, The Brookings Institution



The Three Strategic Visions of Turkey

Ömer Taşpınar, The Brookings Institution



Metropolitan Areas Can Fuel the Next Economy

Alan Berube



International Women's Day: Celebrating Quality and Equality

Rebecca Winthrop and Lauren Greubel, The Brookings Institution

Election Season Returns to Taiwan: Prospects for Taiwan's National Elections in 2012

Dafydd Fell, The Brookings Institution

India's Budget: Deft Political Management (and Some Luck) Needed for Fiscal Consolidation

Urjit R. Patel, The Brookings Institution

UP FRONT BLOG



What Does Protection Mean When Disasters Strike?

Elizabeth Ferris, The Brookings Institution



Can President Obama and Congressional Republicans Reach a Deal on Guantánamo?

Benjamin Wittes, The Brookings Institution

David Broder, In Memoriam

Ron Nessen, The Brookings Institution



Web Chat: Libya and the U.S. Role in the Middle East/North Africa Unrest

Kenneth M. Pollack, The Brookings Institution



What is Next for the Eurozone? Taking Stock of the Euro and EU Summits

Domenico Lombardi, The Brookings Institution



The New Egypt and the Muslim Brotherhood

Shadi Hamid, The Brookings Institution



Is NYC's Bold Transportation Commissioner a Victim of Her Own Success?

Christopher B. Leinberger, The Brookings Institution



Qaddafi's Corrupt Influence in the U.S.: International State Capture?

Daniel Kaufmann, The Brookings Institution

[Up Front Blog Archives »](#)

BROOKINGS PRESS



Detention and Denial: The Case for Candor after Guantánamo

Benjamin Wittes



Deadly Embrace: Pakistan, America, and the Future of the Global Jihad

Bruce Riedel

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April 19-21, 2011, Washington, DC

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From: Ruland, William
To: Hasselberg, Rick
Subject: sub
Date: Monday, March 14, 2011 10:32:00 AM

Rick,

Can you find someone to sub for me from 4 to 5 today? I have an EDO briefing I need to attend.

Bill

AD/178

From: Nguyen, Quynh
To: Leeds, Eric; Boger, Bruce; Grobe, Jack; Stone, Rebecca
Cc: Ruland, William; Brown, Frederick; Hiland, Patrick; McGinty, Tim; Meighan, Sean
Subject: Comments on Protecting Our Nation (NUREG BR-0314) Electronic Concurrence
Date: Monday, March 14, 2011 10:47:52 AM
Attachments: COMMENT REQUESTED - Comments on Protecting Our Nation (NUREG BR-0314) Electronic Concurrence.msg

Rebecca,

I talked with Bruce Boger. Unless you hear otherwise, I am recommending concurrence with no comments from NRR.

Thanks,
Quynh

AD/179

Hergenroder, Dan

From: Collins, Elmo
Sent: Monday, March 14, 2011 11:03 AM
To: Caniano, Roy; Lopez, Joseph
Cc: Howell, Art
Subject: RE: Ask Management

Looks good to me
Elmo

From: Caniano, Roy
Sent: Monday, March 14, 2011 9:53 AM
To: Collins, Elmo; Lopez, Joseph
Subject: Ask Management

Hi, I shared with Chuck the writeup(attached) associated with the ask management question last week. He was comfortable with the writeup. I also told him that Elmo would be discussing it at this weeks current events meeting. Thanks, Roy

From: McCree, Victor
To: Leeds, Eric; Casto, Chuck
Subject: RE: Heads up - we may need chuck.
Date: Monday, March 14, 2011 11:09:47 AM

Ok...got it. We just spoke to Nader about this and Chuck is ready and willing...but, will await confirmation.

Vic

From: Leeds, Eric
Sent: Monday, March 14, 2011 10:55 AM
To: Casto, Chuck; McCree, Victor
Subject: Heads up - we may need chuck.

Just spoke with Bill B. Chuck is high on the list to be sent as our senior management rep. hold tight and we'll let you know as soon as we can.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/181

From: Boger, Bruce
To: Brown, Frederick; Leeds, Eric
Cc: Westreich, Barry
Subject: RE: SENSITIVE - DIRS BWR folks
Date: Monday, March 14, 2011 10:30:49 AM

Got it. Thanks, appreciate the supporting information.

From: Brown, Frederick
Sent: Monday, March 14, 2011 10:28 AM
To: Leeds, Eric; Boger, Bruce
Cc: Westreich, Barry
Subject: SENSITIVE - DIRS BWR folks
Importance: High

Tim Kolb – currently working in Ops Center as BWR specialist, have not confirmed interest. Would be reliable.

Kristy Bucholtz – have not been able to talk to her (on leave), but recently licensed SRO at Peach Bottom.

Larry Vick – interested (not recommended by DIRS).

John Munro – not comfortable with the role.

AD/182

Owen, Lucy

From: ManageBetter.biz [ragan@reply.ms00.net]
Sent: Monday, March 14, 2011 10:49 AM
To: Collins, Elmo
Subject: 102 ways to be a better manager

manageBetter.biz

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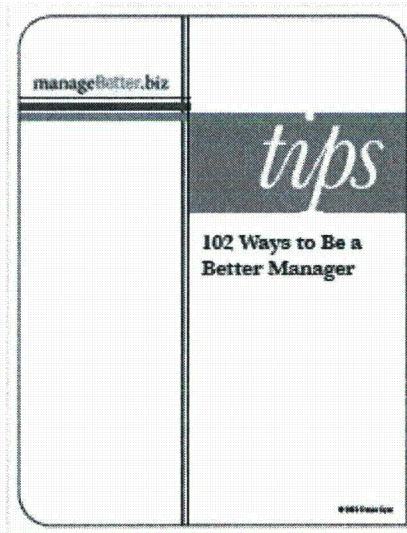
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pmsguid:..

From: Cianci, Sandra
To: Schwarz, Sherry; Jacobs-Baynard, Elizabeth; Muesle, Mary; Andersen, James; Sprogeris, Patricia
Cc: Leeds, Eric; Johnson, Michael
Subject: FW: 11:00AM Hearing Prep Pushed to 11:30AM
Date: Monday, March 14, 2011 10:50:25 AM
Importance: High

FYI

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

From: Pace, Patti
Sent: Monday, March 14, 2011 10:48 AM
To: Schwarz, Sherry; Sprogeris, Patricia; Hudson, Sharon; Belmore, Nancy; Pulley, Deborah; Mayberry, Theresa; Quesenberry, Jeannette; Sosa, Belkys; Nieh, Ho; Blake, Kathleen; Herr, Linda; Garland, Stephanie; Cianci, Sandra
Cc: Dhir, Neha; Coggins, Angela; Batkin, Joshua; Gibbs, Catina; Speiser, Herald
Subject: 11:00AM Hearing Prep Pushed to 11:30AM
Importance: High

Good Morning,

The Hearing Prep Meeting scheduled for this morning at 11:00AM in the Chairman's conference room will be postponed to 11:30A due to a conflict on the Chairman's calendar. I will alert you right away if we need to further change or cancel this meeting, we may need to do so with little notice. Please keep an eye on email for updates. Also, please note that Eric Leeds and Mike Johnson will lead this briefing as Marty Virgilio is at the Ops center all day.

Thanks,

Patti Pace
Assistant to Chairman Gregory B. Jaczko
U.S. Nuclear Regulatory Commission
301-415-1820 (office)
301-415-3504 (fax)

AD/184

From: [Salley, MarkHenry](#)
To: [Ibarra, Jose](#); [Demoss, Gary](#); [Beasley, Benjamin](#); [Ott, William](#); [Peters, Sean](#); [Appignani, Peter](#)
Cc: [Coyne, Kevin](#)
Subject: RE: Lessons Learned from RIC
Date: Monday, March 14, 2011 10:56:08 AM

Posters need to be turned 90 degrees ~ it's too tight when they are located as they were this year.

From: Ibarra, Jose
Sent: Monday, March 14, 2011 9:56 AM
To: Demoss, Gary; Beasley, Benjamin; Ott, William; Peters, Sean; Appignani, Peter; Salley, MarkHenry
Cc: Coyne, Kevin
Subject: Lessons Learned from RIC

BCs,
Please provide the lessons learned from the latest RIC. I need the information by COB Thursday. It is alright to say everything went well. Thanks. Jose

AD/185

Hergenroder, Dan

From: Collins, Elmo
Sent: Monday, March 14, 2011 10:58 AM
To: Owen, Lucy
Subject: FW: QUES: Agenda for ANO Visit 3/29?

Let's discuss at our scheduling meeting

From: Clark, Jeff
Sent: Monday, March 14, 2011 10:56 AM
To: Collins, Elmo
Subject: QUES: Agenda for ANO Visit 3/29?

Elmo,

We are preparing for your visit to ANO on 3/29. I have a few questions for you, so that we can plan your agenda.

- 1) What time do you expect to arrive at the site on Tuesday (3/29)?
- 2) Are there any specific ANO managers you would like to meet with?
- 3) We assume your plant tour will include RCA (requiring site dosimetry). Is that correct?

We also anticipate you will need to leave the site no later than 3:00 PM for your flight out of Little Rock.

Thanks,

Jeff Clark, P.E.
BC-PBE (ANO/FCS/W3)
RIV/DRP
(817)860-8147
Jeff.Clark@nrc.gov

From: MARION, Alex
To: Nguyen, Quynh
Cc: Schwarz, Sherry; Cohen, Shari; Grobe, Jack; Leeds, Eric; Boger, Bruce; MINAHAN, Stewart; RINCKEL, Jeannie; WALTERS, Doug
Subject: RE: NEI Meetings with Eric Leeds and Jack Grobe
Date: Monday, March 14, 2011 10:59:57 AM

I was going to send them an email suggesting postponement but haven't had an opportunity it has been Things have been quite hectic here. Thanks!

From: Nguyen, Quynh [mailto:Quynh.Nguyen@nrc.gov]
Sent: Monday, March 14, 2011 10:53 AM
To: MARION, Alex
Cc: Schwarz, Sherry; Cohen, Shari; Grobe, Jack; Leeds, Eric
Subject: NEI Meetings with Eric Leeds and Jack Grobe

Alex,

I just called and left you a message. Given the recent events in Japan, I recommend that we postpone your status periodic with Eric Leeds and Jack Grobe (both occurring on March 16).

I believe you are scheduled to meet with Jack on March 30th.


Can you confirm receipt of cancellations? Meeting on 30th?

Thanks,
Quynh



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Sent through mail.messaging.microsoft.com

AD/187

From: [Kuritzky, Alan](#)
To: [Coyne, Kevin](#)
Subject: Draft email for Reino
Date: Monday, March 14, 2011 11:09:53 AM

Kevin,

Please modify the below as you see fit. If you know Reino pretty well, you may want to use his first name.

Thanks,
Alan

Dear Dr. Virolainen:

Last April, STUK and VTT provided the NRC with comments on the Brookhaven National Laboratory (BNL) draft report entitled, "Review of Quantitative Software Reliability Methods." Since that time, the NRC has sponsored BNL to perform additional work in the area of quantitative software reliability. BNL has recently submitted a report entitled, "Development of Quantitative Software Reliability Models for Digital Protection Systems of Nuclear Power Plants." The study documented in this report continues BNL's preceding work on software reliability by selecting candidate quantitative software reliability models and further developing them in preparation for a case study of the selected methods. After completion of an internal NRC review by the project manager, we are planning to have the report reviewed by a set of approximately four external peer reviewers (domestic and international), before releasing the report publicly.

As last time, we would like to have STUK (and VTT, if available) participate as a peer reviewer. The report will probably be issued for peer review early next month (April 2011) and we would like written comments back 8 weeks later. The report will probably end up being around 70-80 pages.

Please let me know if STUK can support us in this effort. Also, please do not hesitate to contact me if you have any questions.

Thank you and best regards,

AD/188

From: [Kuritzky, Alan](#)
To: [Coyne, Kevin](#)
Subject: RE: Underground Piping and Tanks Integrity Initiative. 03/07/2011
Date: Monday, March 14, 2011 11:10:26 AM

Will do.

From: Coyne, Kevin
Sent: Monday, March 14, 2011 11:08 AM
To: Kuritzky, Alan
Subject: RE: Underground Piping and Tanks Integrity Initiative. 03/07/2011

Alan --

It's just a standard information email. Can you forward the information to Jeff Wood -- it might be useful for his piping reliability project...

Thanks!

From: Kuritzky, Alan
Sent: Monday, March 14, 2011 10:47 AM
To: Coyne, Kevin
Subject: FW: Underground Piping and Tanks Integrity Initiative. 03/07/2011

Kevin,

I don't know why I was sent this and you were not at least copied. I'm not sure if this is PRAB branch chief stuff or something else. Do you know what this is about or should I send an email to Sheldon asking why he forwarded this to me?

Thanks,
Alan

From: Stuchell, Sheldon
Sent: Monday, March 14, 2011 9:25 AM
To: Lubinski, John; Thomas, Brian; Lupold, Timothy; Cusumano, Victor; Pelton, David; Auluck, Rajender; Hiser, Allen; Skeen, David; Khanna, Meena; Rodriguez, Veronica; Dennig, Robert; Scott, Michael; Titus, Brett; Chokshi, Nilesh; Lauron, Carolyn; Mrowca, Lynn; McGovern, Denise; Rivera-Varona, Aida; Gavrilas, Mirela; Koshy, Thomas; Hogan, Rosemary; Beasley, Benjamin; Kuritzky, Alan; Demoss, Gary
Cc: Jolicoeur, John
Subject: FW: Underground Piping and Tanks Integrity Initiative. 03/07/2011

All,

As the NRR POC for any NEI interactions, I received the attached report. Please refer to **ML110700120** for the complete package (3 documents, including the revised guidance document). I provide the attached for information and potential coordination within the NRC.

AD/189

The cover letter provides the guidance document for NRC informational purposes, and does not request endorsement.

The document was sent to Eric Leeds, with copies going to Jack Grobe, Michele Evans, and Robert Hardies.

I do not intend to respond at this time. If others should be made aware of these documents, please pass along.

Sheldon

From: E-RIDS2 Resource

Sent: Friday, March 11, 2011 10:34 AM

To: RidsAcrsAcnw_MailCTR Resource; RidsManager Resource; RidsNroDcipCaeb Resource; RidsNroDnrlNrga Resource; RidsNroDnrlNwe1 Resource; RidsNrrDe Resource; RidsNrrDirs Resource; RidsNrrDirsIolb Resource; RidsNrrDirsItsrb Resource; RidsNrrDlrRapb Resource; RidsNrrDlrRarb Resource; RidsNrrDpr Resource; RidsNrrDprPfpb Resource; RidsNrrDprPspb Resource; RidsNrrPmda Resource; RidsNrrPmdaPhcb Resource; RidsResDE Resource; Stuchell, Sheldon

Subject: Underground Piping and Tanks Integrity Initiative. 03/07/2011

ADAMS Distribution Notification

D046 - Project 689 - NRR/NRO Interactions with Nuclear Energy Institute (NEI)

Title	Underground Piping and Tanks Integrity Initiative.
Docket Number	PROJ0689
Document Date	03/07/2011
Author Name	Marion A
Author Affiliation	Nuclear Energy Institute (NEI)
Addressee Name	Leeds E J
Addressee Affiliation	NRC/NRR
Document Type	Letter
Availability	Publicly Available
Date to be Released	03/21/2011
Document Sensitivity	Non-Sensitive
Comment	EIE Submittal
Date Added	03/11/2011

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Owen, Lucy

From: Hays, Myra
Sent: Monday, March 14, 2011 11:12 AM
To: Collins, Elmo
Subject: FW: Any Word on a continued CR????

HQ CFO has nothing more than what is being said in the news, that being a three week CR ending Apr8. Nothing is in stone of course.

From: Williams-Johnson, Patrice
Sent: Monday, March 14, 2011 11:03 AM
To: Hays, Myra
Subject: RE: Any Word on a continued CR????

Hi Myra,

I believe everyone is hearing in the news talks of a three week CR. We will put out communication as soon as something has been confirmed as moving forward for the President's signature.

Patrice

From: Hays, Myra
Sent: Monday, March 14, 2011 10:48 AM
To: Williams-Johnson, Patrice
Subject: Any Word on a continued CR????

From: Quinones, Lauren
To: Boger, Bruce; Mamish, Nader
Cc: Zimmerman, Jacob; Virgilio, Martin; Williams, Shawn; Leeds, Eric; McGinty, Tim; Quay, Theodore; Blount, Tom; Hopkins, Jon; Cullingford, Michael; Borchardt, Bill; Doane, Margaret; Gitter, Joseph; Grobe, Jack; Clarke, Deanna; Couret, Ivonne; Crockett, Steven; Decker, David; Deegan, George; Dehn, Jeff; Dudek, Michael; Fields, Leslie; Gartman, Michael; Graham, Thorne; Hill, Brittain; Meighan, Sean; Mitchell, Matthew; Nourbakhsh, Hossein; Reinert, Dustin; Rough, Richard; Schwartzman, Jennifer; Simmons, Anneliese; Suttenger, Jeremy; Titus, Brett; Wong, Albert; Abu-Fid, Bobby; Cool, Donald; Virgilio, Rosetta; Kotzalas, Margie; Skeen, David; Tappert, John; Regan, Christopher; Pederson, Cynthia; Gibson, Lauren; Tate, Travis; McHale, John; Karwoski, Kenneth; Tabatabai, Omid; Rosales-Cooper, Cindy; Rodriguez, Veronica; Astwood, Heather; Titus, Brett; Smith, Shawn; Roquecruz, Carla; Evans, Jonathan; Coleman, Nicole; Williams, Barbara
Subject: INFO: CNS Monthly Status Update
Date: Monday, March 14, 2011 11:30:46 AM

Bruce, Nader,

The monthly status of our preparation activities for the 2011 Convention on Nuclear Safety is up on our internal SharePoint Portal.

<http://portal.nrc.gov/edo/nrr/dpr/pfib/international/2011%20CNS/default.aspx>

After clicking on the link, click on 'CNS Activities Status' in the upper left corner.

If you have any questions, please feel free to contact me.

Thanks,
Lauren

AD/191

From: Sheron, Brian
To: Bonaccorso, Amy; Case, Michael
Cc: Richards, Stuart; Donaldson, Leslie; Valentin, Andrea; Kardaras, Tom; Uhle, Jennifer
Subject: RE: 9-11 Commemoration Panel - NSIR - Need Speaker/Presentation Description
Date: Monday, March 14, 2011 11:31:03 AM

Don't restrict it to non-supervisory experts. The presenters should just be the best experts on the subject.

I thought the areas we might somehow discuss are the aircraft impact analyses that RES did. I'm not sure to what extent we were involved in the development of the B5B measures. However, our SOARCA analyses have shown the benefits of the B5B actions, so maybe someone like Charlie could speak to those.

From: Bonaccorso, Amy
Sent: Monday, March 14, 2011 9:30 AM
To: Case, Michael
Cc: Richards, Stuart; Donaldson, Leslie; Valentin, Andrea; Kardaras, Tom; Sheron, Brian; Uhle, Jennifer
Subject: 9-11 Commemoration Panel - NSIR - Need Speaker/Presentation Description

Good morning Mike:

NSIR is ready to establish a list of speakers and topics for their 9-11 seminar. I just got a tasker to reach out within RES and get a name of a potential speaker and also a sentence or two on what the presentation would be about.

So far, it sounded like NRR would probably focus on B5B, and NRO would focus on the Aircraft Impact Rule. This is not official yet - but this is the discussion I heard at the meeting this morning.

They seemed confident that RES would have something to contribute and I remember you having some ideas many months ago when this first came up. Charlie Tinkler's name came up in this meeting too. Do you have anything in mind? The first 9-11 planning meeting happened so long ago that I can't remember exactly what you (or Stu) proposed.

The tricky part is that the leads for this seminar specifically said that they'd like speakers who are senior level experts/non-supervisory. I expressed some concern over that because we can't always be sure that the person with the most expertise will be non-supervisory. For example, at the TMI Seminar, we had Brian and Gary speak.

They'd like a name and topic by early next week.

I'm cc'ing Brian because he was on a lot of the email traffic leading up to the seminar and may also have some ideas on this.

Thanks,

Amy

Amy Bonaccorso

AD/192

Senior Communications Specialist
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
301-251-7681
amy.bonaccorso@nrc.gov



From: Cianci, Sandra
To: Virgilio, Marty; Weber, Michael
Cc: Muessle, Mary
Subject: FW: Both Hearing Prep Meetings Canceled for Today
Date: Monday, March 14, 2011 11:41:58 AM
Importance: High

For your information, both briefings were canceled today. Thank you

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov*

From: Cianci, Sandra
Sent: Monday, March 14, 2011 11:40 AM
To: Sprogeris, Patricia; Schwarz, Sherry; Walker, Dwight; Casby, Marcia
Cc: Leeds, Eric; Johnson, Michael; Haney, Catherine; Moore, Scott; Green, Jamie; Jacobs-Baynard, Elizabeth; Muessle, Mary
Subject: FW: Both Hearing Prep Meetings Canceled for Today
Importance: High

FYI- Chairman briefings canceled today.

Thank you

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov*

From: Pace, Patti
Sent: Monday, March 14, 2011 11:36 AM
To: Schwarz, Sherry; Sprogeris, Patricia; Hudson, Sharon; Belmore, Nancy; Pulley, Deborah; Mayberry, Theresa; Quesenberry, Jeannette; Sosa, Belkys; Nieh, Ho; Blake, Kathleen; Herr, Linda; Garland, Stephanie; Cianci, Sandra
Cc: Dhir, Neha; Coggins, Angela; Batkin, Joshua; Gibbs, Catina; Speiser, Herald
Subject: Both Hearing Prep Meetings Canceled for Today
Importance: High

AD/193

Sorry for the short notice.

Thanks,

Patti Pace

Assistant to Chairman Gregory B. Jaczko

U.S. Nuclear Regulatory Commission

301-415-1820 (office)

301-415-3504 (fax)

From: Giitter, Joseph
To: Ruland, William
Cc: Hasselberg, Rick
Subject: RE:
Date: Monday, March 14, 2011 11:48:07 AM

I understand that. I'll forward to Hasselberg.

From: Ruland, William
Sent: Monday, March 14, 2011 11:46 AM
To: Giitter, Joseph
Subject: RE:

You need to get back on the list, including getting on a RST.

From: Giitter, Joseph
Sent: Monday, March 14, 2011 10:57 AM
To: Ruland, William
Subject: RE:

Not recently. When I came to NRR they dropped me from the fuel cycle safety team and never added me to other teams. Of course, I ran the op center for 8 years and served on many teams in the past.

From: Ruland, William
Sent: Monday, March 14, 2011 10:53 AM
To: Giitter, Joseph
Subject: RE:

Have you been through the IRC training?

Bill

From: Giitter, Joseph
Sent: Monday, March 14, 2011 10:42 AM
To: Ruland, William
Subject: RE:

Bill—For some reason I didn't get called to the Op Center this weekend. Just want to let you know that I'm available to help. I'm sure Allen and Nelson would be willing as well.

From: Ruland, William
Sent: Monday, March 14, 2011 10:04 AM
To: Giitter, Joseph
Subject: RE:

Norton based on what?

From: Giitter, Joseph
Sent: Monday, March 14, 2011 9:47 AM
To: Ruland, William
Subject:

AD/194

Recommend Chuck Norton to support Japan. I would be willing to go as well (source term, incident response, but not a BWR expert--other than the TTC series many years ago).

Joseph G. Gitter

Director

Division of Operating Reactor Licensing

Office of Nuclear Reactor Regulation

From: Inverso, Tara
To: Ruland, William
Cc: Clifford, Paul; Helton, Shana; McGinty, Tim
Subject: RE: Query: Thursday's (3/17) 50.46(b) Division Director Mtg
Date: Monday, March 14, 2011 12:02:49 PM

Bill,

Thank you for your input. I will note in the e-mail I send tomorrow that, if there is alignment on its content, the meeting on Thursday will be canceled.

Tara

From: Ruland, William
Sent: Monday, March 14, 2011 10:57 AM
To: Inverso, Tara
Cc: Clifford, Paul; Helton, Shana; McGinty, Tim
Subject: RE: Query: Thursday's (3/17) 50.46(b) Division Director Mtg

Let's try the e-mail approach first and go to a meeting only if needed.

Bill

From: Inverso, Tara
Sent: Monday, March 14, 2011 8:56 AM
To: Ruland, William
Cc: Clifford, Paul; Helton, Shana; McGinty, Tim
Subject: Query: Thursday's (3/17) 50.46(b) Division Director Mtg

Bill,

A 50.46(b) Division Director meeting is tentatively scheduled for this Thursday (3/17, 11am – 12 pm). The purpose of the meeting would be to align on the RES deliverables (technical basis documents), and associated due dates.

The working group developed a schedule and tentative deliverables, due dates last week. Michelle, between then and now, is taking that information back to her management, and the working group will finalize those details at tomorrow's working group meeting.

RES has recommended that, in lieu of Thursday's division director meeting, I send out a detailed e-mail of the schedule/deliverables following tomorrow's working group meeting, and seek alignment through that correspondence.

Which approach do you prefer: e-mail summary, or Thursday 11 am – 12 pm Division Director meeting?

Please let me know if you have any questions.

AD/195

Thank you,
Tara

Tara Inverso, Project Manager
Rulemaking Branch
O12-D21 / (301)-415-1024 / Tara.Inverso@nrc.gov

From: [Appignani, Peter](#)
To: [Coyne, Kevin](#)
Subject: FW: Info: BWR SAM experience at INL
Date: Monday, March 14, 2011 12:04:28 PM

BWR SAM experience at INL

From: John A Schroeder [mailto:John.Schroeder@inl.gov]
Sent: Monday, March 14, 2011 10:32 AM
To: Appignani, Peter
Subject: Info

Pete,

We are still looking into the MLSR's

In our department Shawn StGermain has some experience with SAMGs. He was an SRO at Columbia. Also, Joy Rempe may be our best authority on serve accidents. She is currently a member of the ACRS so I suspect she is already being consulted. Will keep looking.

Your question appears to have been asked at very high management levels. So things are happening that I am not privy to...

John A. Schroeder
Idaho National Laboratory
Battelle Energy Alliance, LLC
P.O. Box 1625
Idaho Falls, ID 83415-3850

Ph: 208-526-8755
FAX: 208-526-2930

AD/196,

From: Cunningham, Liza
To: Auluck, Rajender; Boyce, Tom (RES); Brock, Kathryn; Campbell, Stephen; Carlson, Robert; Casto, Greg; Chernoff, Harold; Cranston, Gregory; Dennig, Robert; Dozier, Jerry; Eads, Johnny; Elliott, Robert; Franovich, Rani; Gavrilas, Mirela; Harrison, Donnie; Helton, Shana; Howe, Allen; Imboden, Andy; James, Lois; Kemper, William; Khanna, Meena; Klein, Alex; Kobetz, Timothy; Kulesa, Gloria; Lupold, Timothy; Manoly, Kamal; Markley, Michael; McHale, John; McMurtray, Anthony; Mendiola, Anthony; Mitchell, Matthew; Murphy, Martin; Pascarelli, Robert; Pelton, David; Pham, Bo; Raghavan, Rags; Rosenberg, Stacey; Salgado, Nancy; Scott, Michael; Shoop, Undine; Simms, Sophonia; Tate, Travis; Taylor, Robert; Thatcher, Dale; Thorp, John; Wilson, George; Wrona, David; Zimmerman, Jacob; Boger, Bruce; Givvines, Mary; Grobe, Jack; Leeds, Eric; Bahadur, Sher; Blount, Tom; Brown, Frederick; Cheok, Michael; Cunningham, Mark; Evans, Michele; Ficks, Ben; Galloway, Melanie; Glitter, Joseph; Hilland, Patrick; Holian, Brian; Lee, Samson; Lubinski, John; Lund, Louise; McGinty, Tim; Nelson, Robert; Quay, Theodore; Ruland, William; Skeen, David
Cc: NRR DIRS IOFB Distribution
Subject: FW: PNO-IV-11-001a Update - Diablo Canyon Power Plant Notification of Unusual Event
Date: Monday, March 14, 2011 12:11:44 PM
Attachments: PNO-IV-11-001a DC ADAMS.docx

Attached is the PNO-IV-11-001A: UPDATE - DIABLO CANYON POWER PLANT
NOTIFICATION OF UNUSUAL
EVENT

Thanks,
Liza Cunningham

From: Tannenbaum, Anita
Sent: Monday, March 14, 2011 12:09 PM
To: R4; PN_Distribution
Subject: PNO-IV-11-001a Update - Diablo Canyon Power Plant Notification of Unusual Event

ADAMS ML110730377

AD/197

March 14, 2011

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE -- PNO-IV-11-001a

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region IV staff on this date.

Facility

Pacific Gas and Electric Company
Diablo Canyon Nuclear Plant Units 1 and 2
Avila Beach, CA
Docket: 50-275, 50-323
License: DPR-80, DPR-82

Licensee Emergency Classification

XX Notification of Unusual Event
 Alert
 Site Area Emergency
 General Emergency
 Not Applicable

SUBJECT: UPDATE - DIABLO CANYON POWER PLANT NOTIFICATION OF UNUSUAL EVENT

DESCRIPTION:

This preliminary notification updates information provided in PNO-IV-11-001, which was issued on March 11, 2011. Diablo Canyon Power Plant declared a Notification of Unusual Event at 4:23 a.m. EST on March 11, 2011, based on receipt of a tsunami warning from West California Emergency Management Agency resulting from the earthquake in Japan. There was no impact on plant operations and both units continued to operate at full power throughout the event. Maximum wave surge estimated at the site was approximately 3 feet. The tsunami warning was lifted at 6:12 p.m. EST on March 11, 2011, and the licensee subsequently terminated the Unusual Event declaration at 6:28 p.m. EST. The NRC resident inspectors responded to the site to monitor plant conditions and licensee actions for the duration of the event.

NRC Region IV has been in contact with licensee and governmental officials within the areas affected and there have been no reported impacts from the tsunami on nuclear materials licensees and other NRC licensed facilities on the west coast.

The NRC entered the Monitoring Mode at 9:46 a.m. EST on March 11, 2011 in response to the tsunami warning at Diablo Canyon. The NRC is coordinating its actions with other Federal agencies as part of the U.S. government response to the events in Japan.

The state of California has been informed. This information has been discussed with licensee management and is current as of 10:55 a.m. EST.

This preliminary notification is issued for information only.

ADAMS ACCESSION NUMBER: ML110730377

CONTACTS:

Lara Uselding
(817)917-0321
lara.uselding@nrc.gov

Geoffrey Miller
(817) 917-1212
Geoffrey.Miller@nrc.gov

From: Cianci, Sandra
To: Borchardt, Bill; HOO Hoc
Cc: Dyer, Jim; Hudson, Sharon; Weber, Michael; Ash, Darren; Garland, Stephanie; Muessle, Mary; Hasan, Nasreen; Leeds, Eric; Schwarz, Sherry; Wiggins, Jim; Salus, Amy; Johnson, Michael; Sprogeris, Patricia; Dean, Bill; Matakas, Gina; McCree, Victor; Miles, Patricia; Satorius, Mark; Buckley, Patricia; Collins, Elmo; Owen, Lucy; Pace, Patti; Gibbs, Catina; Speiser, Herald; Taylor, Renee; Sanfilippo, Nathan; Merzke, Daniel; Trapp, James; Wittick, Brian
Subject: CANCELED: Delegation of Authority for Martin J Virgilio 3/15/11 - 3/19/11
Date: Monday, March 14, 2011 12:36:03 PM

Delegation of Authority canceled for Marty Virgilio 3/15/11-3/19/11, He will be in the office this week.

Thank you

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov*

From: Cianci, Sandra
Sent: Thursday, March 10, 2011 2:27 PM
To: Borchardt, Bill
Cc: Dyer, Jim; Hudson, Sharon; Weber, Michael; Ash, Darren; Garland, Stephanie; Muessle, Mary; Hasan, Nasreen; Leeds, Eric; Schwarz, Sherry; Wiggins, Jim; Salus, Amy; Johnson, Michael; Sprogeris, Patricia; Dean, Bill; Matakas, Gina; McCree, Victor; Miles, Patricia; Satorius, Mark; Buckley, Patricia; Collins, Elmo; Owen, Lucy; HOO Hoc; Pace, Patti; Gibbs, Catina; Speiser, Herald; Taylor, Renee; Sanfilippo, Nathan; Merzke, Daniel; Trapp, James; Wittick, Brian
Subject: Delegation of Authority for Martin J Virgilio 3/15/11 - 3/19/11

Delegation of Authority for Martin J. Virgilio, March 15, 2011 - March 19, 2011. Michael Johnson Acting

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov*

AD/198

From: [Siu, Carolyn](#)
To: [RES Distribution](#)
Cc: [RidsResOd Resource](#); [RidsEdoMailCenter Resource](#); [RidsHrMailCenter Resource](#)
Subject: Designation of Acting Division Director and Acting Deputy Division Director for the Division of Risk Analysis, Office of Nuclear Regulatory Research
Date: Monday, March 14, 2011 12:41:57 PM
Attachments: [Memo.docx](#)
[ML110680586.ADC](#)

If you have any questions or comments, please contact Doug Coe at 301-251-7430.

Carolyn Siu

Fiction reveals truths that reality obscures.

Division line: 301-251-7430

Direct line: 301-251-7568

Fax: 301-251-7424

Email: Carolyn.Siu@nrc.gov

AD/199

March 11, 2011

MEMORANDUM TO: Michael F. Weber
Deputy Executive Director for Materials, Waste,
Research, State, Tribal, and Compliance Programs
Office of the Executive Director for Operations

FROM: Brian W. Sheron, Director */RA/*
Office of Nuclear Regulatory Research

SUBJECT: DESIGNATION OF ACTING DIVISION DIRECTOR AND ACTING
DEPUTY DIVISION DIRECTOR FOR THE DIVISION OF RISK
ANALYSIS, OFFICE OF NUCLEAR REGULATORY RESEARCH

Because of the long-term assignment of Christiana Lui to Commissioner Apostolakis's office, Doug Coe has been designated as Acting Director for the Division of Risk Analysis and Kevin Coyne has been designated as Acting Deputy Division Director from February 21, 2011, until Richard Correia assumes the position of permanent Division Director.

CONTACT: Doug Coe, RES/DRA
301-251-7430

From: Dennig, Robert
To: Titus, Brett; Casto, Greg; Ulses, Anthony
Cc: Ruland, William; Bahadur, Sher
Subject: RE: ACTION: please review RNWL-100, Rev 2 by 3/15
Date: Monday, March 14, 2011 12:46:09 PM

OK as is.

From: Titus, Brett
Sent: Friday, March 11, 2011 10:53 AM
To: Casto, Greg; Ulses, Anthony; Dennig, Robert
Cc: Ruland, William; Bahadur, Sher
Subject: FW: ACTION: please review RNWL-100, Rev 2 by 3/15
Importance: High

Sorry I didn't send this out sooner. Got lost in the RIC shuffle...anyway, I thought you might want to have someone in your staff take a look at this document and provide feedback.

I went through it myself first. There is a lot of the standard agency stuff in it. I would ask your reviewers to focus on the description of **DSS' role on page 12 of 24**...it is very short. Do we need to add/revise or do we like it that way?

Also, **page 15 of 24 describes the DLR Tech Branches responsibilities**. Do we agree or overlap on some issues?

Finally, there is a **table of responsibilities on pages 18/19 of 24**. Any revisions where NRR Tech Branches should be added or taken out?

Please have your comments to me on 3/15. I will consolidate and deliver to DLR that same day. Also, please send a negative response if no comments.

As always, let me know if you have any questions.

Thanks,

Brett Titus
301-415-3075

From: Susco, Jeremy
Sent: Thursday, March 03, 2011 3:26 PM
To: Titus, Brett; Cusumano, Victor; Roquecruz, Carla; Heida, Bruce; Valentine, Nicholee; Cartwright, William; Meighan, Sean
Subject: ACTION: please review RNWL-100, Rev 2 by 3/15

ACTION: Please review Rev 2 to RNWL-100 for DD concurrence and provide comments and/or recommend concurrence. The update is attached. You can use track changes or provide me paper comments.

DUE DATE: 3/15

AD/200

TAC: MD5473

Thanks,
Jeremy

From: Weaver, Tonna
To: Ruland, William; Bahadur, Sher; Collins, Timothy; Clifford, Paul; Titus, Brett; Mendiola, Anthony; Dennig, Robert; Ulses, Anthony; Bailey, Stewart; NRR, DSS, SBPB Distribution
Cc: Casto, Greg
Subject: Delegation March 14th thru 18th.docx
Date: Monday, March 14, 2011 12:47:10 PM
Attachments: Delegation March 14th thru 18th.docx

AD/201



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555 - 0001

March 14, 2011

MEMORANDUM TO: Sher Bahadur, Deputy Director
Division of Safety Systems
Office of Nuclear Reactor Regulation

FROM: Greg Casto, Branch Chief
Balance of Plant Branch
Division of Safety Systems

SUBJECT: DELEGATION OF AUTHORITY

While I am out of the office from March 14th through March 18th, 2011, I have designated Mr. Gerard Purciarello (415-1105, room O10F4) as acting Branch Chief for the Balance of Plant Branch:

DISTRIBUTION
DSS DDs, BCs, Secys
SBPB staff

From: Focht, Eric
To: Case, Michael; Csontos, Aladar; Bamford, Lisa; Colon, Heriberto
Subject: New DMW Evaluation Contract

When: Monday, March 14, 2011 1:00 PM-1:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Mike's Office

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

We need to discuss the options presented by DC regarding the new contract for the DMW residual stress and fracture evaluation project.

DC's most recent proposed approach is to issue a blanket purchase agreement with the tasks broken out into individual Task Orders. From a contract management perspective, this is not preferred because each task is handled as if it were a separate contract and are difficult to modify. I am managing a BPA now and it requires considerably more FTE than my other contract and it is not agile enough to handle shifting NRR priorities.

AD/202

From: Buford, Angela
To: Galloway, Melanie; Lubinski, John; Casto, Greg; Sastry, Gayathri
Cc: Miller, Ilyne; DLRCalendar Resource
Subject: Canceled: SES Briefing - IDEAS Pilot Status Update
Attachments: Milestone Schedule for Pilot.xlsx
IDEAS Pilot Status SES Briefing POP 3-14-11.docx
Importance: High

When: Monday, March 14, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-OWFN-11B06-12p

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

I'm going to postpone today's meeting and reschedule for a less hectic time, as I believe John is also helping respond to the Japan events. Thanks.

Updated to include meeting agenda and proposed pilot schedule

AD/203

Project Name: IDEAS Pilot Program

Project Staff: Greg Casto - Supervisor Level Pilot Administrator
 Angela Buford - Staff Level Pilot Administrator
 Gayathri Sastry - Project IT Support
 Ilyne Miller - Knowledge Management Advisor
 Melanie Galloway - SES Sponsor
 John Lubinski - SES Sponsor

Date of Report: March 7, 2011

Task	Responsible	Start Date	Due Date
IDEAS Pilot Planning Meeting for Pilot Administrators		02/07/11	
Confirm Pilot Participants	G. Casto		03/18/11
Develop Initial Pilot Training Course and Create Course materials	G. Casto/A. Buford	03/01/11	04/01/11
Develop/Finalize/Obtain Consensus on Communication Tool	A. Buford	03/01/11	04/01/11
SES Briefing on Pilot Plans/Status		03/14/11	
Install Landing Page/Communication Tool to NRR-IDEAS Weblink	G. Sastry	04/04/11	04/08/11
Install User Counter on Landing Page	G. Sastry		04/08/11
Training Course for Pilot Participants/ Pilot Kickoff	G. Casto/A. Buford/(G. Sastry)	04/11/11 (tentative)	
Develop Electronic Survey for Pilot Users	G. Casto/A. Buford/G. Sastry	04/11/11	04/29/11
Solicit Feedback for Pilot Segment #1	G. Casto/A. Buford	05/02/11	05/06/11
Compile/Analyze Feedback for Pilot Segment #1	G. Casto/A. Buford/G. Sastry	05/09/11	05/13/11
Solicit Feedback for Pilot Segment #2	G. Casto/A. Buford	05/31/11	06/06/11
Compile/Analyze Feedback for Pilot Segment #2	G. Casto/A. Buford/G. Sastry	06/06/11	06/13/11
Solicit General IDEAS feedback from Pilot Participants	G. Casto/A. Buford	06/27/11	07/01/11
Finalize Total Pilot Feedback (including SBPB Performance indicators)	G. Casto/A. Buford/G. Sastry		07/22/11
Present Findings to SES/LT	G. Casto/A. Buford/G. Sastry		07/29/11

IDEAS Pilot Status SES Briefing POP – 3/14/11

Attendees:

Melanie Galloway
John Lubinski
Ilyne Miller
Greg Casto
Gayathri Sastri
Angela Buford

Purpose:

1. To inform SES sponsors of progress in implementing IDEAS pilot
2. To obtain input to/approval of proposed project schedule and milestone due dates

Outcome:

1. Common understanding of project status and next steps
2. Approval of project milestone tasks and dates

Discussion Topics:

- Final Participant list
- List of Milestone Tasks
- Project Schedule
- Training course agenda/materials
- Communication tool content
- Landing page implementation and NRR Link

From: Leeds, Eric
To: MARION, Alex
Subject: Tony called Marty
Date: Monday, March 14, 2011 1:17:00 PM

Alex –

Marty mentioned to me that Tony has called him this am. Marty is tied up in our Ops Center. Let me know if I can help.

I saw Tony on CNN this am, but the sound was muted because we were having a management meeting. I heard he did a nice job.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/204

From: Hiland, Patrick
To: Brown, Frederick; Ruland, William; McGinty, Tim; Skeen, David; Thomas, Eric; Thorp, John; Glitter, Joseph
Cc: Boger, Bruce
Subject: RE:
Date: Monday, March 14, 2011 1:17:37 PM

Looks good; be sure to include other offices that are working on this effort (e.g. RES has drafted a section on seismic and continue to brainstorm questions). I'm assuming that Eric will act as filter, as best he can, to avoid duplication.

From: Brown, Frederick
Sent: Monday, March 14, 2011 1:11 PM
To: Hiland, Patrick; Ruland, William; McGinty, Tim; Skeen, David; Thomas, Eric; Thorp, John; Glitter, Joseph
Cc: Boger, Bruce
Subject:
Importance: High

Drafted the message below for Eric to send to all NRR staff. Does this look like a reasonable scope?

As you are all aware from the Agency wide e-mails, the NRC Operations Center is being manned 24 hours a day to support monitoring of the situation in Japan. Many of your NRR colleagues are involved with this effort.

Here in NRR, we can look forward in the coming days and months to many questions about the situation in Japan and the relevance to domestic nuclear facilities. The staff in the Operations Center has already been working on these types of questions and answers. It will be important to maintain effective communication and coordination between the work done in the Office, and the work done in the Operations Center.

In an effort to minimize disruption of Operations Center activities, NRR has designated Eric Thomas (eric.thomas@nrc.gov) in NRR's Operating Experience Branch to be the focused single point of contact for information requests that NRR staff may have for the Reactor Safety and Preventative Measures Teams in the Operations Center.

If you are assigned a task involving event questions and answers, please let Eric know so that he can coordinate with the Operations Center to ensure that we are providing consistent responses. If you are contacted directly by staff in the Operations Center, please respond to the request promptly, and provide an electronic copy of your response to Eric so that he can maintain the response for future use by others.

AD/206

- 09/1

From: MARION, Alex
To: Leeds, Eric
Subject: RE: Tony called Marty
Date: Monday, March 14, 2011 1:20:21 PM

Tony subsequently spoke with Bill B.

From: Leeds, Eric [mailto:Eric.Leeds@nrc.gov]
Sent: Monday, March 14, 2011 1:18 PM
To: MARION, Alex
Subject: Tony called Marty

Alex –

Marty mentioned to me that Tony has called him this am. Marty is tied up in our Ops Center. Let me know if I can help.


I saw Tony on CNN this am, but the sound was muted because we were having a management meeting. I heard he did a nice job.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270



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Sent through mail.messaging.microsoft.com

AD/207

From: [Coyne, Kevin](#)
To: [Uhle, Jennifer](#)
Subject: RE: assistance in ops center
Date: Monday, March 14, 2011 2:04:00 PM

OK, shall we send him over for a few hours tonight then?

From: Uhle, Jennifer
Sent: Monday, March 14, 2011 2:04 PM
To: Coyne, Kevin
Subject: RE: assistance in ops center

Marty is great. I will call Eric Leeds and inform him. Thanks, J

From: Coyne, Kevin
Sent: Monday, March 14, 2011 2:03 PM
To: Uhle, Jennifer
Cc: Johnson, Michael; Stutzke, Martin; Helton, Donald; Kuritzky, Alan
Subject: RE: assistance in ops center

Jennifer –

Marty could do the 3-11pm shift on March 16; however, he has been in the office all day today and would not be able to stay until 11 pm tonight. Marty is willing to go over to the Ops Center for a few hours this afternoon if it would help.

Don Helton is down at the PSA-2011 conference in Wilmington, NC this week, so covering the evening shift today is not an option. Don is willing to come back from the conference early to help out in the ops center if needed (though he's scheduled to present on Wednesday morning). However, since Marty can handle the Wednesday shift, I don't think it would be worth bringing him back (he drove down so he'd have a few hours on the road to get back to DC).

So, let me know if you need Marty, or if you believe that the situation warrants bringing Don back from the PSA conference early.

Kevin

From: Uhle, Jennifer
Sent: Monday, March 14, 2011 1:40 PM
To: Coyne, Kevin
Cc: Johnson, Michael
Subject: assistance in ops center

Kevin,

Is Marty Stutzke or Don Helton able to do the 3:00 pm to 11pm shift today and the 16th in risk/severe accident area to cover for Mike Cheok. Don Dube will also be asked.

J

AD/208

From: [Rodriguez, Veronica](#)
To: [Zoulis, Antonios](#); [Coyne, Kevin](#); [Ferrante, Fernando](#); [Wood, Jeffery](#); [Gonzalez, Michelle](#); [Stambaugh, Margaret](#)
Cc: [Laur, Steven](#)
Subject: RE: Risk Insights Tool
Date: Monday, March 14, 2011 2:05:41 PM

Corrected link: www.riskviz.com

From: Zoulis, Antonios
Sent: Monday, March 14, 2011 1:16 PM
To: Rodriguez, Veronica; Coyne, Kevin; Ferrante, Fernando; Wood, Jeffery; Gonzalez, Michelle; Stambaugh, Margaret
Cc: Laur, Steven
Subject: Risk Insights Tool

All,

Erin Engineering is developing an iPad and Smartphone application that contains much of the information we are proposing in the PRIB. They have a demo at www.riskviz.com

All you need to do is enter your email address and the following password **psa2011** to view the information. They have 4 sample plant types. Its interesting since we joked about it on one of are calls but it would served the exact purpose we are talking about and give the inspectors a toll to carry around with them on their rounds.

It just food for thought. The added advantage would be they could have access to licensee plant-specific risk information as well as our SPAR information.

Antonios

AD/209

From: Coyne, Kevin
To: Davis, Chon
Cc: Littlejohn, Jennene; Appignani, Peter; Kuritzky, Alan
Subject: RE: Closeout of N6751
Date: Monday, March 14, 2011 2:06:00 PM

Chon –

Any FY2011 budgeted funds should be reassigned to JCN V6043 (Resolution of Key Technical Issues). Pete Appignani is the PM.

-Kevin

From: Davis, Chon
Sent: Monday, March 14, 2011 1:10 PM
To: Coyne, Kevin
Subject: FW: Closeout of N6751

Hi Kevin.

I'm not sure how to respond to this email. I came by to talk to you about it and there was a line. You're clearly very busy. Can you give me some clue as to how I go about answering Lisa's question please? Thank you.

Chon Davis
Management Analyst
RES/DRA
C04D01
301-251-7567

From: Bamford, Lisa
Sent: Monday, March 14, 2011 10:22 AM
To: Davis, Chon; Coyne, Kevin
Subject: Closeout of N6751

Hi,

We have received the countersigned closeout document for JCN N6751 however, I cannot close this JCN in ROMA until the FY11 budget is reassigned. Please let me know which active JCN should receive this budget reassignment.

Thanks,

Lisa Bamford

*U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Sr. Program Analyst
C6-D01
Tel.: 301-251-7927*

AD/210

From: Dudley, Richard
To: Bavol, Rochelle
Cc: Helton, Shana; Collins, Timothy; Quay, Theodore; Ruland, William; Dinsmore, Stephen; Tregoning, Robert; Landry, Ralph
Subject: March 24 Commission meeting
Date: Monday, March 14, 2011 2:11:09 PM
Importance: High

Our March 24 meeting on 50.46a appears to be the first one we will have since the problems in Japan. Is SECY making plans for extra security and do we have contingency plans if there are a lot of demonstrators?

Dick Dudley
301-415-1116

AD/211

From: CuadradoDeJesus, Samuel
To: Ruland, William
Subject: RE: Salem's SER concurrence
Date: Monday, March 14, 2011 2:41:45 PM
Importance: High

William:

Do I have your concurrence? Let me know if you have any question.

From: CuadradoDeJesus, Samuel
Sent: Friday, February 25, 2011 1:59 PM
To: Ruland, William
Cc: Brady, Bennett; Dennig, Robert; Casto, Greg; Ulses, Anthony
Subject: Salem's SER concurrence
Importance: High

William,

I'm assisting Salem's PM Bennett M. Brady with the concurrence on Salem's SER. We have made some editorial, non substantive changes to your division's input and we have your BCs concurrence. I'll leave a hard copy of the concurrence package in your office, please concur by COB on Wednesday, March 9, 2011.

Regards,

Samuel Cuadrado de Jesús

AD/212

From: Appignani, Peter
To: Coyne, Kevin; Davis, Chon
Cc: Littlejohn, Jennene; Kuritzky, Alan; Bamford, Lisa
Subject: RE: Closeout of N6751
Date: Monday, March 14, 2011 2:45:23 PM

All

Spoke with Lisa Bamford and she is moving the FY11 budgeted funds from N6751 to V6043.

Pete

From: Coyne, Kevin
Sent: Monday, March 14, 2011 2:06 PM
To: Davis, Chon
Cc: Littlejohn, Jennene; Appignani, Peter; Kuritzky, Alan
Subject: RE: Closeout of N6751

Chon –

Any FY2011 budgeted funds should be reassigned to JCN V6043 (Resolution of Key Technical Issues). Pete Appignani is the PM.

-Kevin

From: Davis, Chon
Sent: Monday, March 14, 2011 1:10 PM
To: Coyne, Kevin
Subject: FW: Closeout of N6751

Hi Kevin.

I'm not sure how to respond to this email. I came by to talk to you about it and there was a line. You're clearly very busy. Can you give me some clue as to how I go about answering Lisa's question please? Thank you.

Chon Davis
Management Analyst
RES/DRA
C04D01
301-251-7567

From: Bamford, Lisa
Sent: Monday, March 14, 2011 10:22 AM
To: Davis, Chon; Coyne, Kevin
Subject: Closeout of N6751

Hi,

We have received the countersigned closeout document for JCN N6751 however, I cannot

.AD / 213

close this JCN in ROMA until the FY11 budget is reassigned. Please let me know which active JCN should receive this budget reassignment.

Thanks,

Lisa Bamford

*U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Sr. Program Analyst
C6-D01
Tel.: 301-251-7927*

From: Cusumano, Victor
To: Thomas, Brian
Cc: Lubinski, John
Subject: DCI Op Center Staff
Date: Monday, March 14, 2011 2:45:56 PM

Brian,

Per this morning's meeting:

Op Center team Members

Lubinski

Taylor

McMurtray

Technical Experts (on call)

Mitchell

Karwoski

Vic

VICTOR CUSUMANO
TECHNICAL ASSISTANT

NRR/DCI
Phone: 301.415.4011
Location: 0-09C10

AD/214

From: [Csontos, Aladar](#)
To: [Rivera-Lugo, Richard](#); [Gavrilas, Mirela](#); [Boyce, Tom \(RES\)](#); [Sydnor, Russell](#); [Koshy, Thomas](#); [Hogan, Rosemary](#)
Cc: [Case, Michael](#); [Richards, Stuart](#)
Subject: RE: ACTION: QUERY: RIC Lessons Learned
Date: Monday, March 14, 2011 2:56:04 PM

Thought most of the sessions and posters were excellent. My main comment is that we limit the number of posters in total (I'm at fault a bit on this) and that we keep them against the wall or at an acute angle instead of making a T with the windows. This created traffic jams down the main hallway and people used the poster alcoves as sanctuaries from the traffic which resulted in less people to view or question the presenters.

From: Rivera-Lugo, Richard
Sent: Monday, March 14, 2011 2:28 PM
To: Csontos, Aladar; Gavrilas, Mirela; Boyce, Tom (RES); Sydnor, Russell; Koshy, Thomas; Hogan, Rosemary
Cc: Case, Michael; Richards, Stuart
Subject: ACTION: QUERY: RIC Lessons Learned

Branch Chiefs,

As mentioned in today's DE meeting, each division has been asked to provide feedback on all activities related to the Regulatory Information Conference (RIC) held last week. Please encourage your staff to provide input on the following questions regarding the RIC:

- What went well?
- What didn't go well?
- What do you recommend for next year to improve the event?

It would be extremely helpful if your staff can classify their comments using the above questions, so I can compile and forward them to the office TA.

Please send me your input by Wednesday (3/16) at COB. Thanks!

Richie

Richard Rivera-Lugo, EIT, MEM
Technical Assistant (Acting)
U.S. Nuclear Regulatory Commission – HQ
RES/DE
Ph. 301-251-7652
Fax 301-251-7420
Mail M.S. C5C07M
E-mail Richard.Rivera-Lugo@nrc.gov



Please consider the Environment before printing this e-mail.

AD/215

From: The Performance Institute
To: Grobe, Jack
Subject: GPRA Meeting: March 16
Date: Monday, March 14, 2011 3:02:35 PM

Hi John,

The news about GPRA is becoming more pervasive and more public as budget cuts and the potential government shutdown loom. To help ease the changeover and ensure compliance with new priority performance goals, the Performance Institute and IBM are providing a complementary webinar on Wednesday, titled **Meeting Priority Goals: Complying with GPRA 2.0**. The webinar will give you the tools to measure and comply with new reporting goals, assess essential strategic planning requirements and consolidate similar programs.

There are only **two days left** to register for our complementary webinar. You can learn more and register here: www.PerformanceInstitute.org/GPRA

I look forward to a lively online discussion.

Best,
Jon

Jon Desenberg
Senior Policy Director
The Performance Institute
Desenberg@TheInstituteWeb.org

AD/216

The Performance Institute | 805 15th Street, NW, 3rd Floor | Washington, DC 20005
Voice: (877) 992-9521 | Fax: (866) 234-0680

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From: Leeds, Eric
To: Uhle, Jennifer
Cc: Stutzke, Martin; Coyne, Kevin; Sheron, Brian; Boger, Bruce; Cheok, Michael
Subject: RE: Ops Center help in PRA
Date: Monday, March 14, 2011 3:02:40 PM

Thanks Jennifer. We will not use him today, but the 16th is a great help. I'll let the Ops Center and Mike Cheok know. I really appreciate the help!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Uhle, Jennifer
Sent: Monday, March 14, 2011 2:06 PM
To: Leeds, Eric
Cc: Stutzke, Martin; Coyne, Kevin; Sheron, Brian
Subject: Ops Center help in PRA

Eric,

Marty Stutzke is available. He cannot stay much past normal time today, say 6 pm but is available 3-11 on the 16th.

Thanks,

Jennifer

AD/217

From: Coyne, Kevin
To: Helton, Donald; Kuritzky, Alan
Subject: RE: Self Assessment of Expertise
Date: Monday, March 14, 2011 3:03:00 PM

Don -

Thanks for the update. I think we're good so far and I informed Jennifer about your availability. I think at this point you're good to continue at the PSA conference, but I'll let you and Alan know if anything should change. For what it's worth, Jason Schaperow was down at the ops center today working on Q and A's as part of the 'partial' reactor safety team and indicated that it was not a fulfilling assignment....

Hope the conference is going well!

Kevin

-----Original Message-----

From: Helton, Donald
Sent: Monday, March 14, 2011 1:10 PM
To: Coyne, Kevin; Kuritzky, Alan
Subject: Self Assessment of Expertise

Kevin / Alan:

In the interest of striking a balance between wanting to be responsive but also not wanting to engender false expectations of how I can contribute, the following is my self assessment of my expertise in relevant technical areas:

BWR design and EOPs: minimal
BWR accident phenomenology and accident management: minimal
PWR design and EOPs: moderate
PWR accident phenomenology and accident management: moderate to extensive
SFP phenomenology: moderate to extensive
Consequence analysis: minimal to moderate
Health effects of ionizing radiation and radiological assessment: minimal

Referring back to an earlier discussion with Kevin, I think that folks like Charlie/Jason (internal) and Mark/KC/Mohsen (external) bring a lot more to the table than I do. Folks like John Parillo (internal) and John Lehner/Trevor/Vinod bring more to the table in specific areas.

Having said all that, I'm here to help in whatever way I can...be it not at all, remotely from Wilmington, returning to DC to help out in the OpCenter, or elsewhere...

Best,
Don

A.O./218

From: Cianci, Sandra
To: Schwarz, Sherry; Sprogeris, Patricia
Cc: Virgilio, Martin; Leeds, Eric; Johnson, Michael
Subject: FW: Rescheduling Prep Meetings with DEDOs for Congressional Hearing
Date: Monday, March 14, 2011 3:18:20 PM
Importance: High

Patti/Sherry,

Please ensure Mike and Eric attend with Marty. Thank you

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

From: Pace, Patti
Sent: Monday, March 14, 2011 3:04 PM
To: Belmore, Nancy; Quesenberry, Jeannette; Pulley, Deborah; Mayberry, Theresa; Hudson, Sharon; Ellis, Marv; Taylor, Renee; Garland, Stephanie; Cianci, Sandra; Casby, Marcia; Walker, Dwight
Cc: Coggins, Angela; Batkin, Joshua; Dhir, Neha; Gibbs, Catina
Subject: Rescheduling Prep Meetings with DEDOs for Congressional Hearing
Importance: High

Good afternoon,

I have rescheduled the following briefings for the Chairman in advance of the Congressional hearing on Wednesday morning.

Tuesday March 15th

9:00a – 9:30a

Prep Meeting with Marty Virgilio

Chairman's Conference Room

9:30a – 10:00a

Prep Meeting DEDMRT Areas (Mike Weber not available, will be covered by Mr. Borchardt)

Chairman's Conference Room

As before, OCA, OGC, CFO invited to attend as well as TAs from the Commission offices.

AD/219

Thanks,

Patti Pace

Assistant to Chairman Gregory B. Jaczko

U.S. Nuclear Regulatory Commission

301-415-1820 (office)

301-415-3504 (fax)

From: [Coyne, Kevin](#)
To: Reino.Virolainen@stuk.fi
Cc: [Kuritzky, Alan](#)
Subject: RE: Request for Peer Review of Software Reliability Modeling Report
Date: Monday, March 14, 2011 3:19:00 PM

Dear Reino –

Thank you very much for your help –

Best regards,

Kevin

From: Reino.Virolainen@stuk.fi [mailto:Reino.Virolainen@stuk.fi]
Sent: Monday, March 14, 2011 11:55 AM
To: Coyne, Kevin
Subject: RE: Request for Peer Review of Software Reliability Modeling Report

Dear Kevin,

I will contact VTT with this matter and propose a similar co-operation as with the previous BNL report.

I will inform you as soon as possible.

Best regards,

Reino

From: Coyne, Kevin [mailto:Kevin.Coyne@nrc.gov]
Sent: Monday, March 14, 2011 5:15 PM
To: Virolainen, Reino
Cc: Coe, Doug; Kuritzky, Alan
Subject: Request for Peer Review of Software Reliability Modeling Report

Dear Reino -

Last April, STUK and VTT provided the NRC with comments on the Brookhaven National Laboratory (BNL) draft report entitled, "Review of Quantitative Software Reliability Methods." Since that time, the NRC has sponsored BNL to perform additional work in the area of quantitative software reliability. BNL has recently submitted a report entitled, "Development of Quantitative Software Reliability Models for Digital Protection Systems of Nuclear Power Plants." The study documented in this report continues BNL's preceding work on software reliability by selecting candidate quantitative software reliability models and further developing them in preparation for a case study of the selected methods. After completion of an internal NRC review by the project manager, we are planning to have the report reviewed by a set of approximately four external peer reviewers (domestic and international), before releasing the report publicly.

We very much appreciate the comments we received from your review on the last report and would like to have STUK (and VTT, if available) participate as

AD / 220

a peer reviewer on this new report. The report will probably be issued for peer review early next month (April 2011) and we would like written comments back 8 weeks later. The report will probably end up being around 70-80 pages.

Please let me know if STUK can support us in this effort. Also, please do not hesitate to contact me if you have any questions.

Thank you and best regards,

Kevin

Kevin Coyne, P.E., Ph.D.

Chief, Probabilistic Risk Assessment Branch

Division of Risk Analysis, Office of Nuclear Regulatory Research

U.S. Nuclear Regulatory Commission

Washington, DC 20555-0001

(301) 251-7586 (work)

From: Robles, Jesse
Subject: New OpE Forum COMM Posting - Callaway - SIT Due To Loss of Lubrication to the Turbine Driven Auxiliary Feedwater Pump (TDAFWP) Bearing
Date: Monday, March 14, 2011 3:24:00 PM

This e-mail is being sent to notify recipients of a new posting on the @Operating Experience Community Forum. Recipients are expected to review the posting for applicability to their areas of regulatory responsibility and consider appropriate actions. However, information contained in the posting is not tasking; therefore, no specific action or written response is required.

Information Security Reminder: this link is on NRC's Internal Web site and may contain sensitive information. Please check with the information owner before distributing outside the agency.

The posting may be reviewed at: <http://nrr10.nrc.gov/forum/forumtopic.cfm?selectedForum=03&forumId=AllComm&topicId=3239>.

It is being provided to the following groups and individuals: ***All Communications, Auxiliary Feedwater, ECCS, Emergency Diesel Generators, Human Performance, Inspection Programs, New Reactors, Pump and Valve Performance, Safety Culture, SIT/AIT***

To unsubscribe from this distribution list or to subscribe to a different list on the OpE Community, please visit <http://nrr10.nrc.gov/rps/dyn/subscription1.cfm>.

For more information on the Reactor OpE Program, please visit our OpE Gateway at: <http://nrr10.nrc.gov/ope-info-gateway/index.html>

Jesse E. Robles
U.S. Nuclear Regulatory Commission
Reactor Systems Engineer
NRR/DIRS/IOEB
301-415-2940
301-415-3061 (fax)
Jesse.Robles@nrc.gov

AD/221

From: Taylor, Robert
To: Karwoski, Kenneth
Cc: Lubinski, John; Williams, Shawn
Subject: FW: Response Requested: Steam Generator Blowdowns using Hydrazine chemistry
Date: Monday, March 14, 2011 3:24:26 PM

Ken,

Can you take the lead on this since John and I are handling Ops Center duties?

Rob

From: Williams, Shawn
Sent: Monday, March 14, 2011 3:22 PM
To: Lubinski, John; Taylor, Robert
Cc: Virgilio, Martin
Subject: Response Requested: Steam Generator Blowdowns using Hydrazine chemistry

Hi John,

I see you have a Steam Generator Tube Integrity and Chemical Engineering Branch in your division. I am hoping you are the right division to ask this question to.

During a RIC margin meeting between Terry Jamieson, Vice-President of Canada Nuclear Regulatory Agency and Marty Virgilio, Canada requested our help in gaining information concerning environmental concerns associated with Steam Generator blowdowns in plants using Hydrazine chemistry. Specifically, they requested information on, if U.S. plants have systems in place to collect the blowdown water containing hydrazine and, if so, do U.S. plants treat the water or do they dilute it.

I vaguely recall during the margin meeting, Canada shared that their equivalent EPA has environmental concerns with the current process. I suspect the current Canadian process for plants is to dilute the water before discharging it to the environment - but I really don't know.

We would appreciate if you could provide some insights, or point me in the right direction, so that Marty can respond to Canada's request.

Thank You,
Shawn Williams
Executive Technical Assistant
Office of the Executive Director for Operations
301-415-1009

AD/ 222

From: Powell, Amy
To: Borchardt, Bill
Cc: Schmidt, Rebecca; Batkin, Joshua; Taylor, Renee; Virgilio, Martin
Subject: Interagency briefing for Congressional leadership and committee staff
Date: Monday, March 14, 2011 3:28:12 PM

Bill –

Thanks for supporting the interagency briefing that the White House is coordinating. The target time is NOON tomorrow, however I will keep you posted on what I hear from their Legislative Affairs staff.

Thanks,
Amy

Amy Powell
Associate Director
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-1673

AD/223

Owen, Lucy

From: Castles, Debbie
Sent: Monday, March 14, 2011 3:30 PM
To: Collins, Elmo; Howell, Art; Kennedy, Kriss; Pruett, Troy; Vogel, Anton; Haire, Mark; Bogle, Sue; Trapp, James; OEMAIL Resource; Powell, Amy; Weil, Jenny; Wang, Alan; Gaddy, Vincent; Hagar, Bob; Larkin, Grant; Barrett, Andy; Dricks, Victor; Uselding, Lara; Maier, Bill; Fuller, Karla; Taylor, Nick; Day, Lisa; Clay, Earnestine; Mattila, AnnMarie; Longdo, Phil; mortensengk@INPO.org
Subject: Emailing: EOC 2010 RB MN 04062011 ML110730753.pdf
Attachments: EOC 2010 RB MN 04062011 ML110730753.pdf

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AD/224



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 14, 2011

SUBJECT: OPEN HOUSE WITH MEMBERS OF THE PUBLIC

FACILITY: River Bend Station

DOCKET: 50-458

DATE AND TIME: Wednesday, April 6, 2011
4:00 p.m. – 5:30 p.m.

LOCATION: River Bend Station Training Center
5485 US Hwy 61
St. Francisville, LA 70775

PURPOSE: *This is the end-of-cycle public meeting between the NRC and River Bend Station to present and discuss performance results for the period of January 1 through December 31, 2010.*

CATEGORY 3: This is a category 3 meeting. The public is invited to fully participate in this meeting/open house. The meeting is specifically designed to ensure maximum interaction with the NRC Staff.

The NRC provides reasonable accommodation to individuals with disabilities where appropriate. If you need a reasonable accommodation to participate in this meeting, or need this meeting notice or the transcript or other information from the meeting in another format (e.g. Braille, large print), please notify the NRC's meeting contact listed below. Determinations on request for reasonable accommodation will be made on a case-by-case basis.

PARTICIPANTS: NRC
V. Gaddy, Chief, Project Branch C, Division of Reactor Projects
G. Larkin, Senior Resident Inspector, Division of Reactor Projects
A. Barrett, Resident Inspector, Division of Reactor Projects

LICENSEE
B. Cox, Plant Manager
J. Roberts, Director, Nuclear Safety Assurance
D. Lorfing, Licensing Manager

MEETING CONTACT: Vincent Graddy
Chief, Projects Branch C
817-860-8144
Vincent.Gaddy@nrc.gov

To receive a summary of this meeting and begin receiving other plant-specific e-mail distributions, you must subscribe to the Operating Reactor Correspondence electronic distribution for this plant via <http://www.nrc.gov/public-involve/listserver/plants-by-region.html>. Once subscribed, if you wish to discontinue receiving electronic distribution, you may unsubscribe at any time by visiting the same web address above.

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Art Howell, DRA

Kriss Kennedy, D:DRP

Troy Pruett, DD:DRP

Anton Vogel, D:DRS

Mark Haire, C:DRS/OB

Sue Bogle (OEWEB Resource)

James Trapp, OEDO RIV Coordinator

OEMAIL, D/OE

Amy Powell, OCA

Jenny Weil, Congressional Affairs Officer

mortensengk@INPO.org

Alan Wang, Project Manager, NRR

Vince Gaddy, Branch Chief, PB/C

Bob Hagar, Senior Project Engineer, PB/C

Grant Larkin, Senior Resident Inspector

Andy Barrett, Resident Inspector

Victor Dricks, Region IV PAO

Lara Uselding, Region IV PAO

Bill Maier, Region IV RSLO

Karla Fuller, Region IV RC

Nick Taylor, Region IV ACES

Lisa Day, Site Administrative Assistant

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Ann Mattila, Security Advisor

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Owen, Lucy

From: Susan Hackley [ponlist@thelangfordsgroup.com]
Sent: Monday, March 14, 2011 3:31 PM
To: Collins, Elmo
Subject: Your Course Registration in March

As a past attendee at a Program on Negotiation for Senior Executives seminar, you've reaped the benefits of quality executive education. Now, you can take advantage of power-packed, one-day Author Sessions, taught by the people who wrote the books on negotiation. The fourth in the series occurs on March 31, at The Charles Hotel, Cambridge, Mass., taught by Lawrence Susskind. Because you are a past attendee, you will receive a **15% discount*** for this exciting one-day session.

Based on the book ***Built to Win*** by Lawrence Susskind and Hallam Movius, Susskind will combine lecture, instructional video, role-play simulations and class discussion to help you negotiate as an organization - not just as an individual.

Participants will learn how to develop a world-class negotiating organization capable of reaching consistently higher-value agreements that can be implemented while also protecting valuable relationships and reputations.

Bring the book to life and register today for the one-day author session, **Creating a World-class Negotiating Organization** and receive a discounted rate. **Enter code EAS1103** at registration checkout. Click [here](#) to register now and save.

Can't make it to this session? Join us for another Program on Negotiation course. For more information on this and other course offerings, visit www.executive.pon.harvard.edu.

We look forward to seeing you in March...

Susan Hackley
Managing Director
Program on Negotiation at Harvard Law School
Pound Hall 513
1563 Massachusetts Avenue
Cambridge, MA 02138

P.S. Each participant will receive a signed copy of the book ***Built to Win*** as part of the course registration.

P.P.S. Register now and take advantage of the **15% discount for the Author session!** **Enter code EAS1103** at registration checkout. Click [here](#) to register now and save.

*For new registrations only. Cannot be used on previous orders.

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AD/225

Owen, Lucy

From: Harrison, Deborah
Sent: Monday, March 14, 2011 3:32 PM
To: Collins, Elmo; Howell, Art; Kennedy, Kriss; Pruett, Troy; Vogel, Anton; Kirkland, John; Wingeback, Jacob; Clark, Jeff; Azua, Ray; Melfi, Jim; Smith, Chris; Madison, Berni; Dricks, Victor; Uselding, Lara; Hay, Michael; Wilkins, Lynnea; Herrera, Marisa; Fuller, Karla; Weil, Jenny; OEMAIL Resource; Trapp, James; Powers, Dale; Farnholtz, Thomas; George, Gerond
Subject: FORT CALHOUN STATION - NRC INSPECTION REPORT 05000285/2011008 (ML1106911211)
Attachments: FCS2011008-Cancellation of RPT-TRF.docx

AD/226



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 9, 2011

David J. Bannister, Vice President
and Chief Nuclear Officer
Omaha Public Power District
Fort Calhoun Station FC-2-4
P. O. Box 550
Fort Calhoun, NE 68023-0550

SUBJECT: FORT CALHOUN STATION – NRC INSPECTION REPORT 05000285/2011008

Dear Mr. Bannister:

NRC Inspection Report 05000285/2011008 has been cancelled; therefore, no inspection report will be issued.

Sincerely,

/RA/

Thomas R. Farnholtz, Chief
Engineering Branch 1
Division of Reactor Safety

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 Resident Inspector (Jacob.Wingebach@nrc.gov)
 Branch Chief, DRP/E (Jeff.Clark@nrc.gov)
 Senior Project Engineer, DRP/E (Ray.Azua@nrc.gov)
 Project Engineer (Jim.Melfi@nrc.gov)
 Project Engineer (Chris.Smith@nrc.gov)
 FCS Administrative Assistant (Berni.Madison@nrc.gov)
 Public Affairs Officer (Victor.Dricks@nrc.gov)
 Public Affairs Officer (Lara.Uselding@nrc.gov)
 Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)
 Project Manager (Lynnea.Wilkins@nrc.gov)
 RITS Coordinator (Marisa.Herrera@nrc.gov)
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3/9/2011			

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From: [Leeds, Eric](#)
To: [Harrison, John](#)
Subject: RE: BWR expertise in SWP
Date: Monday, March 14, 2011 3:32:00 PM

Thanks for the offer, John. We got what we needed for now, but if this is protracted, I will come back and request your assistance.

Thank you!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

-----Original Message-----

From: Harrison, John
Sent: Monday, March 14, 2011 8:36 AM
To: Leeds, Eric
Subject: BWR expertise in SWP

Eric,

HRs Strategic Workforce Planning Database should identify individuals with all types of expertise. Do you want me to look into it?

John

Sent from John Harrison's NRC Blackberry

AD/227

From: Cianci, Sandra
To: Taylor, Renee
Cc: Virgilio, Martin
Subject: RE: First-Line Supervisor's meeting tomorrow
Date: Monday, March 14, 2011 3:36:49 PM

Ok, Thank you

Sandy Cianci

*Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov*

From: Taylor, Renee
Sent: Monday, March 14, 2011 3:33 PM
To: Cianci, Sandra
Cc: Virgilio, Martin
Subject: First-Line Supervisor's meeting tomorrow

Sandy,

There is a strong possibility that Bill will be going downtown tomorrow at noon. If so, Marty will need to cover the 1:30 First-Line Supervisor's meeting. I'll let you know as soon as it is confirmed.

Thanks,
Renee

AD/228

From: [Sancaktar, Selim](#)
To: [Coyne, Kevin](#)
Subject: FW: Emailing: Cut Set Report - LLOCA (ET) (2011_03_14_15_34_31).pdf
Date: Monday, March 14, 2011 3:42:36 PM
Attachments: [Cut Set Report - LLOCA \(ET\) \(2011_03_14_15_34_31\).pdf](#)

-----Original Message-----

From: Sancaktar, Selim
Sent: Monday, March 14, 2011 3:41 PM
To: Robert.Buell@inl.gov
Cc: Sancaktar, Selim; Ferrante, Fernando; Appignani, Peter
Subject: Emailing: Cut Set Report - LLOCA (ET) (2011_03_14_15_34_31).pdf

Hi Bob,

I have a question that you may resolve.

In running the current Shearon Harris SPAR model, I got a LLOCA CCDP of about 0.6, which is driven by the top two cutsets, as shown in the attached file.

Are these cutsets legitimate (if yes, what do they mean?)?

If not, what is the correction (I can use a fix before the end of the week!).

Thank you, Selim

AD/229

Cut Set Report - LLOCA (ET)

PWR B SPAR MODEL FOR SHEARON
HARRIS AHZ

Mar 14, 2011 3:34 PM

#	Prob/Freq	Total %	Cut Set	Description
Total	1.39E-6	100	Displaying 10 of 359 Cut Sets.	
1	8.33E-7	59.9	LLOCA :4	
	2.50E-6		IE-LLOCA	LARGE LOCA
	1.00E+0		ACC-CKV-CC-249	FAILURE OF ACC CHECK VALVE 249 TO CL LOOP 1
	3.33E-1		LOCA-LOOPB	LOCA IN LOOP B
2	8.33E-7	59.9	LLOCA :4	
	2.50E-6		IE-LLOCA	LARGE LOCA
	1.00E+0		ACC-CKV-CC-249	FAILURE OF ACC CHECK VALVE 249 TO CL LOOP 1
	3.33E-1		LOCA-LOOPC	LOCA IN LOOP C
3	5.00E-9	0.36	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	2.00E-3		RHR-XHE-XM-CCW	OPERATOR FAILS TO ESTABLISH CCW FOR CL RECIRC
4	1.57E-10	0.01	LLOCA :3	
	2.50E-6		IE-LLOCA	LARGE LOCA
	6.27E-5		RHR-MDP-CF-STRT	COMMON CAUSE FAILURE OF RHR MDPs TO START
5	1.25E-10	0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	5.00E-5		RHR-SMP-PG-SUMP	CONTAINMENT SUMP FAILS
6	9.30E-11	0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	6.20E-3		ESF-LVL-CF-RWST	CCF - 3 OR 4 OF 4 RWST LO-LO LEVEL ACTUATION CHANNELS (PSA)
	6.00E-3		OPR-XHE-XM-OPER4	FAILURE TO OPEN CNMT SUMP VALVES FOLLOWING AUTO FAILURE
7	7.80E-11	0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	3.12E-5		ESW-MDP-CF-STRT	CCF OF ESW MDPs TO START (2)
8	6.00E-11	< 0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	2.00E-3		ESW-MDP-FS-1A	ESW MDP 1A FAILS TO START
	1.20E-2		ESW-MDP-TM-1B	ESW MDP 1B UNAVAILABLE DUE TO TEST AND MAINTENANCE
9	6.00E-11	< 0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	2.00E-3		ESW-MDP-FS-1B	ESW MDP 1B FAILS TO START
	1.20E-2		ESW-MDP-TM-1A	ESW MDP 1A UNAVAILABLE DUE TO TEST AND MAINTENANCE
10	6.00E-11	< 0.01	LLOCA :2	
	2.50E-6		IE-LLOCA	LARGE LOCA
	2.00E-3		CCW-MDP-FS-1B	CCW MDP 1B FAILS TO START
	1.20E-2		ESW-MDP-TM-1A	ESW MDP 1A UNAVAILABLE DUE TO TEST AND MAINTENANCE

From: Coyne, Kevin
To: Eisenberg, Wendy
Cc: Kuritzky, Alan; Coe, Doug; Grancorvitz, Teresa; Valentin, Andrea
Subject: RE: Another travel question
Date: Monday, March 14, 2011 3:43:00 PM

Wendy –

Louis Chu's travel to Korea in April is mission-critical and is supporting our ongoing work under the Digital Instrumentation & Control research plan. We understand that approval of the trip is subject to the availability of funds.

Please let me know if you have any questions –

Kevin

From: Kuritzky, Alan
Sent: Monday, March 14, 2011 3:40 PM
To: Coyne, Kevin
Subject: FW: Another travel question

Kevin,

I believe Louis' trip is mission critical, but I want to "check with my management." Do you concur?

Thanks,
Alan

From: Eisenberg, Wendy
Sent: Monday, March 14, 2011 11:30 AM
To: Velazquez-Lozada, Alexander; Kuritzky, Alan; Marshall, Shawn
Subject: Another travel question

Alex, Alan and Shawn:

After this morning's Stand Up Meeting, I have been asked to verify that all travel submitted is considered "mission critical".

Would you please check with your management and verify that your trip is considered mission critical?

If so, then I can take it to the front office for approval.

Thanks.

Wendy

NB – Alan, yours concerns TL Chu.

AD/230

Owen, Lucy

From: Hanson, Latischa
Sent: Monday, March 14, 2011 3:50 PM
To: Cain, Chuck
Cc: Caniano, Roy; Collins, Elmo
Subject: Title 10 Training

I would like to thank you & the management for the presentation of this education learning opportunity. It is much needed & appreciated. I look for much wisdom to be gained & knowledge transferred during the sessions to come, as with today's session!

Thanx again!

Latischa

AD/231

From: Andersen, James
To: EDO TBPM Distribution
Subject: TBPM Meeting - Tuesday @ 9:00am
Date: Monday, March 14, 2011 3:52:10 PM

All,

Agenda for Tuesday (9:00am)

We will meet in O-16B2.

- 1) Information from Jim
 - Staffing updates
 - Continuing Resolution Update
 - Commission Meeting Feedback
 - Follow the Process
- 2) Hot issues from you???

Thanks all.

Jim A.

AD/232

From: Lubinski, John
To: Thomas, Brian; Beckford, Kaydian
Subject: RE: Monday and Tuesday
Date: Monday, March 14, 2011 3:58:00 PM

I plan to be in on Tuesday. I am not working tonight. If that changes, I'll let you know

From: Thomas, Brian
Sent: Monday, March 14, 2011 2:24 PM
To: Lubinski, John; Beckford, Kaydian
Subject: RE: Monday and Tuesday

John,
Just want to let you know that I did get this and acting accordingly.
Hopefully we will see you tomorrow.

..brian

From: Lubinski, John
Sent: Sunday, March 13, 2011 2:59 PM
To: Thomas, Brian; Beckford, Kaydian; Grobe, Jack; Schwarz, Sherry
Subject: Monday and Tuesday

I am working overnight Sunday (and maybe Monday night) in the op center and therefore will not be in on Monday day.

Brian, please act for me and cover all the meetings. You do not need to attend the 1:00 meeting for me (Kaydian – please let Melanie Galloway know I will not be attending). I'll call you on Monday to discuss the Tuesday schedule.

Thanks

AD/233

From: Dudley, Richard
To: Ader, Charles; Case, Michael; Collins, Timothy; Cheok, Michael; Dinsmore, Stephen; Dube, Donald; Harrison, Donnie; Helton, Shana; Landry, Ralph; McGinty, Tim; Mizuno, Geary; Quay, Theodore; Ruland, William; Terao, David; Tregoning, Robert; Wilson, Jerry; Leeds, Eric; Boger, Bruce; Grobe, Jack; Virgilio, Martin; Borchardt, Bill; Jones, Bradley; Holahan, Gary
Subject: EDO Pre-Brief for 50.46a Commission meeting

When: Monday, March 14, 2011 4:00 PM-5:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O 17B4

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

I have confirmed with the EDO's office that the pre-brief for the 50.46a Commission meeting will take place at 4:00pm today as scheduled.

Richard Dudley
50.46a Project Manager
415-1116

AD/234

From: Silk, Anne
To: Ruland, William
Cc: Brown, Rohn; Warren, Brenett
Subject: FW: SPO Strategy and Schedule
Date: Monday, March 14, 2011 4:01:53 PM

Bill,

Bren Warren in HCB is providing the schedule and process in addition to addressing any questions concerning SPO and mid-year performance appraisals at tomorrow's 9:30 LT meeting.

Anne

From: Nguyen, Quynh
Sent: Monday, March 14, 2011 3:53 PM
To: Ruland, William
Cc: Silk, Anne; Meighan, Sean; Warren, Brenett
Subject: SPO Strategy and Schedule

Bill,

Background:

Bren engaged me early on and TAs were made aware in late Feb/early March. Bren briefed the TAs last week. I briefed the TAs today and explained this activity as "level of effort."

Schedule:

We are on target given the intermediate milestones from PMDA.

TA Schedule

March 23 – Receive inputs from Divisions.

March 25 – Share with LT the draft inputs. Quynh or Sean will talk about the "showstoppers." (Anne, can I get on the LT calendar – 20min?)

March 29 – Make changes for March 30 (PMDA – "LT review of consolidated SPO Input") LT meeting.

PMDA Suggested Schedule for the above:

March 26 – Collect inputs from Divisions

March 30 – Final LT Review

Thanks,
Quynh

AD/235

Murphy, Andrew

From: Murphy, Andrew
Sent: Monday, March 14, 2011 4:01 PM
To: 'A.Altinyollar@iaea.org'
Subject: Access to IAEA Website - EBP

Ayhan,

I am having trouble accessing the ISSC – EBP website. Are there any problems currently? Please send me the website address and I will reload it into my computer.

Thanks,

Andy

AD/236

Murphy, Andrew

From: Graves, Herman
Sent: Monday, March 14, 2011 4:07 PM
To: RES_DE_SGSEB; Murphy, Andrew; Ali, Syed
Subject: FW: ACTION: QUERY: RIC Lessons Learned

To All:

As discussed at this morning's DE meeting. Send RIC feedback to Richie by COB 3/16.

<<Herman>>

<<301.251.7625>>

mail to: Herman.Graves@nrc.gov

From: Rivera-Lugo, Richard
Sent: Monday, March 14, 2011 2:28 PM
To: Csontos, Aladar; Gavrilas, Mirela; Boyce, Tom (RES); Sydnor, Russell; Koshy, Thomas; Hogan, Rosemary
Cc: Case, Michael; Richards, Stuart
Subject: ACTION: QUERY: RIC Lessons Learned

Branch Chiefs,

As mentioned in today's DE meeting, each division has been asked to provide feedback on all activities related to the Regulatory Information Conference (RIC) held last week. Please encourage your staff to provide input on the following questions regarding the RIC:

- What went well?
- What didn't go well?
- What do you recommend for next year to improve the event?

It would be extremely helpful if your staff can classify their comments using the above questions, so I can compile and forward them to the office TA.

Please send me your input by Wednesday (3/16) at COB. Thanks!

Richie

Richard Rivera-Lugo, EIT, MEM
Technical Assistant (Acting)
U.S. Nuclear Regulatory Commission – HQ
RES/DE
Ph. 301-251-7652
Fax 301-251-7420
Mail M.S. C5C07M
E-mail Richard.Rivera-Lugo@nrc.gov

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AD/237

From: Iyengar, Raj
To: Csontos, Aladar; Coyne, Kevin
Subject: RE: the agenda, slides, and bridge line for April 6
Date: Monday, March 14, 2011 4:28:15 PM

Dear Al and Kevin

Thank you for your comments. I will request bridgeline connection for 5 lines (just in case).

Raj

From: Csontos, Aladar
Sent: Monday, March 14, 2011 2:57 PM
To: Coyne, Kevin; Iyengar, Raj
Subject: RE: the agenda, slides, and bridge line for April 6

I agree. I'm not aware of anyone who would phone in either.

From: Coyne, Kevin
Sent: Friday, March 11, 2011 6:36 PM
To: Iyengar, Raj; Csontos, Aladar
Subject: RE: the agenda, slides, and bridge line for April 6

Raj –

I'm not aware of anyone who would need to phone in... It probably wouldn't hurt to have one available just in case though. Al, what do you think?

Kevin

From: Iyengar, Raj
Sent: Friday, March 11, 2011 10:54 AM
To: Csontos, Aladar; Coyne, Kevin
Subject: FW: the agenda, slides, and bridge line for April 6

Dear Al and Kevin

Would we need a bridgeline for the April 6 ACRS meeting?

Also, we need to bring a total of 35 copies of all slides.

Thanks.

Raj

From: Brown, Christopher
Sent: Tuesday, March 08, 2011 8:16 AM
To: Iyengar, Raj

AD/238

Subject: the agenda, slides, and bridge line for April 6

Raj,

Please send me a final agenda by April 4th. All slides are due by April 4th via Email. They should be in final form. Please, no changes on the 6th.

You are required to bring about 10 colored copies for the Members and court reporter and about 25 black and white copies for the audience.

Will you need a bridge line?

Thanks,

Christopher L. Brown, Senior Staff Engineer
USNRC/ACRS
(301) 415-7111
Christopher.Brown@nrc.gov

Murphy, Andrew

From: Ali, Syed
Sent: Monday, March 14, 2011 4:29 PM
To: Chokshi, Nilesh; Murphy, Andrew; Ali, Syed; Kammerer, Annie; Munson, Clifford; Cook, Christopher; Nie, Jinsuo
Subject: Lunch/Refreshments for JNES Meeting

Hello All:

Thanks for everybody's participation in the meeting with the JNES staff.

According to my notes, there were 7 NRC/BNL participants that attended the lunch with JNES on 3/11/11. The cost of lunch and refreshments were:

Lunch: \$224.25
Coffee, refreshments: \$32.00
Total: 256.25
Cost/person: $256.25/7 = \$36.60$

At your convenience, you may send me a check or cash to my mail stop below in inter-office mail or in person if you happen to be in Church Street Bldg.

With best regards,
Syed

Dr. Syed A. Ali, P.E.
Senior Technical Advisor for Civil/Structural Engrg Issues
Division of Engineering (DE)
Office of Nuclear Regulatory Research
United States Nuclear Regulatory Commission

Phone: 301-251-7658
Email: Syed.Ali@nrc.gov

Mailing Address:
Syed A. Ali
M/S CS-5A24M
US Nuclear Regulatory Commission
Washington, DC 20555-0001

From: [Rivera-Lugo, Richard](#)
To: [Csontos, Aladar](#); [Gavrilas, Mirela](#); [Boyce, Tom \(RES\)](#); [Sydnor, Russell](#); [Koshy, Thomas](#); [Hogan, Rosemary](#); [Graves, Herman](#)
Cc: [Case, Michael](#); [Richards, Stuart](#)
Subject: ACTION: ACRS Biennial Review and ROMA Update
Date: Monday, March 14, 2011 4:32:28 PM
Attachments: [Table for ACRS Biennial Review.xlsx](#)
[Project Classification for ACRS Table.docx](#)
Importance: High

--- Very Important Action ---

Branch Chiefs,

All divisions have been issued a ticket to provide information for the ACRS Biennial Review of the projects at the Office of Research, and we will also take advantage of this task to update the information from ROMA for all of them. I have located in the G drive a folder titled [ACRS Biennial Review 2011](#) (this is a hyperlink) which contains an Excel spreadsheet that lists all of projects from RES. This spreadsheet can be sorted by Division and Branch to view only the content that is relevant to your branches (the table is attached for your convenience).

We need to use this spreadsheet to work on the following tasks for the ACRS Review:

- **Task 1:** Enter the relevant technical area from the dropdown list provided by ACRS. There are 15 technical areas and they are available in the drop down menu from the spreadsheet (column N), and are also listed in the attached document.
- **Task 2:** Review the text in the Scope, Regulatory Use, and Objective fields to ensure it's up to date. If those fields are modified, add a "Yes" to Column O, so that the new information can be put into ROMA.
- **Task 3:** Review the Current User Need entry and enter the correct value in the Proposed User Need field.

I think that the best way to handle the organization of these tasks will be to have each of the BCs from DE to save a copy of the spreadsheet with the updated information from their branch in the abovementioned folder. Please remember to save the copy with the name of your branch so that I can sort out the projects from your branch and gather the updated information (e.g. [Table for ACRS Biennial Review_DE_SGSEB.xlsx](#)).

This ticket has to be closed by the end of the month, which is why I am requesting that you update your information No Later Than COB Thursday, March 24, 2011. If you have any questions please contact me and I will gladly give you more detailed instructions on how to provide your information and update the spreadsheet. Thanks.

Richie

Richard Rivera-Lugo, EIT, MEM
Technical Assistant (Acting)
U.S. Nuclear Regulatory Commission – HQ

AD/240

RES/DE

Ph. 301-251-7652

Fax 301-251-7420

Mail M.S. C5C07M

E-mail Richard.Rivera-Lugo@nrc.gov



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Item	Unit	Quantity	Unit Price	Total Price	Remarks
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3.000	m	3.000	3.000	3.000	3.000
4.000	m	4.000	4.000	4.000	4.000
5.000	m	5.000	5.000	5.000	5.000
6.000	m	6.000	6.000	6.000	6.000
7.000	m	7.000	7.000	7.000	7.000
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41.000	m	41.000	41.000	41.000	41.000
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Item	Quantity	Unit	Description	Material	Remarks
1	1	m	1.000	1.000	1.000
2	1	m	1.000	1.000	1.000
3	1	m	1.000	1.000	1.000
4	1	m	1.000	1.000	1.000
5	1	m	1.000	1.000	1.000
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7	1	m	1.000	1.000	1.000
8	1	m	1.000	1.000	1.000
9	1	m	1.000	1.000	1.000
10	1	m	1.000	1.000	1.000
11	1	m	1.000	1.000	1.000
12	1	m	1.000	1.000	1.000
13	1	m	1.000	1.000	1.000
14	1	m	1.000	1.000	1.000
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91	1	m	1.000	1.000	1.000
92	1	m	1.000	1.000	1.000
93	1	m	1.000	1.000	1.000
94	1	m	1.000	1.000	1.000
95	1	m	1.000	1.000	1.000
96	1	m	1.000	1.000	1.000
97	1	m	1.000	1.000	1.000
98	1	m	1.000	1.000	1.000
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100	1	m	1.000	1.000	1.000

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Research Technical Areas:

(None)

Small Modular LWRs

Advanced Non-LWR Designs

Digital Instrumentation and Control Systems

Fire Safety

Reactor Fuel

Human Reliability and Human Factors

Materials and Metallurgy

Neutronics and Criticality Safety

Operational Experience

Probabilistic Risk Assessment

Radiation Protection

Nuclear Materials and Waste

Seismic and Structural Engineering

Severe Accident and Source Term

Thermal Hydraulics

From: Miranda, Samuel
To: Ruland, William
Cc: Ulises, Anthony; Wood, Kent
Subject: FW: Status of Key tasks
Date: Monday, March 14, 2011 4:33:32 PM

Bill,

Here is a summary of Tony's workload for the next few weeks.

I don't know yet who might take over, if necessary. I will try to identify some people, after I check with Kent and others.

Sam

From: Nakanishi, Tony
Sent: Monday, March 14, 2011 4:24 PM
To: Miranda, Samuel
Cc: Wood, Kent; Razzaque, Muhammad
Subject: Status of Key tasks

Sam,
Per your request:

GG EPU/Fuel Storage Muhammad has the RAIs. Probably okay for a couple of weeks.
(contact: Kent/Muhammad)
NMP2 EPU probably okay for a while (contact: Kent)
St Lucie EPU/Fuel Storage probably okay for a few weeks (contact: Kent).
M+ ATWS – probably okay until I return.

Thanks,

Tony

AD/241

From: Kuritzky, Alan
To: Appignani, Peter; Bone, Alysia; Gonzalez, Michelle; Helton, Donald; Kuritzky, Alan; Leschek, Walter; Sancaktar, Selim; Tobin, Margaret; Wood, Jeffery; Harris, Charles
Cc: Coyne, Kevin
Subject: RIC feedback
Date: Monday, March 14, 2011 4:40:27 PM

If anyone has any feedback (positive or negative) or suggestions regarding this year's RIC, please let me know in the next couple of days, and I will pass the info on to Jose Ibarra.

Thanks,
Alan

AD/242

From: Matakas, Gina
To: Lew, David; Clifford, James; Trapp, James; Rogge, John; Roberts, Darrell; Heater, Keith; Baker, Pamela; Walker, Tracy; Larche, Linda; Collins, Daniel; Wilson, Peter; Bearde, Diane; Lorson, Raymond; Weerakkody, Sunil; Miller, Chris
Subject: FW: New NRC Daily Notes for March 14, 2011
Date: Monday, March 14, 2011 4:42:57 PM

From: NRC Daily Notes[SMTP:EDO.GROUPACCOUNT@NRC.GOV]
Sent: Monday, March 14, 2011 4:42:32 PM
To: EDO GroupAccount
Cc: Pena, Alex
Subject: New NRC Daily Notes for March 14, 2011
Auto forwarded by a Rule

~~CONFIDENTIAL - NRC USE ONLY~~
~~DO NOT DISTRIBUTE~~

Daily Notes for March 14, 2011

FSME

~~(OUO-SII)~~

On March 10, FSME staff received a letter from the Utah Division of Radiation Control requesting NRC's review on the final changes to the UT regulations addressing "License Requirements for Land Disposal of Radioactive Waste -- Technical Analysis." The proposed changes were made available to the public on December 1, 2010 and the public comment period ended on January 4, 2011. On December 22, 2010, FSME staff issued a letter with no comments on the proposed changes to the regulation. FSME will review the final regulation which incorporated comments received from Utah's stakeholders.

NRR

~~(OUO-SII)~~

On March 11, the staff conducted its quarterly license renewal public meeting with representatives of NEI and the industry to discuss license renewal topics and activities. NRR staff discussed topics such as integrated scheduling of license renewal reviews, incorporation of operating experience into aging management programs, license renewal commitments, and results from a recent audit of the WESTEMS fatigue analysis code. The next meeting is scheduled for August 2011.

AD/243

RI

(OUO-SII)

On March 15, the Department of Energy and the FBI will hold a tabletop exercise at Rutgers University in Picataway, New Jersey. The exercise, called "Med-Knight Thunder," will focus on a training scenario for adversaries that try to obtain source material to create a weapon of mass destruction. Region I will observe this exercise.

From: Hiland, Patrick
To: Grobe, Jack
Cc: Skeen, David; Wilson, George
Subject: Request Telework Tuesday Day Shift
Date: Monday, March 14, 2011 4:47:07 PM

Since working mids starting Tuesday night, I'd like to telework Tuesday daytime. George Wilson will be here and acting for me and David Skeen will be daytime RST director. This will allow me to rest at home prior to my shift.

AD/244

From: Ferrell, Kimberly
To: Brown, Frederick; Evans, Michele; Ferrell, Kimberly; Gitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Lee, Samson; McGinty, Tim; Ruland, William; Skeen, David; Thomas, Brian; Bahadur, Sher; Blount, Tom; Cheok, Michael; Galloway, Melanie; Howe, Allen; Lubinski, John; Lund, Louise; Nelson, Robert; Quay, Theodore
Subject: Organizational Effectiveness Functions - Sensitive
Date: Monday, March 14, 2011 4:53:46 PM

LT Members,

As part of PMDA's ongoing efforts to improve efficiency and maximize resources, we are reviewing the Organizational Effectiveness (OE) functions which currently reside within HCB.

We'd like LT comments on what services your Division may be utilizing from the OE staff. We'd also appreciate comments on the significance, frequency, or complexity of OE staff involvement.

Please provide your comments to me with a cc: to Mary Givvines by COB Wednesday, March 16.

Please let me know if you have any questions.

Thanks!

Kimberly

AD/245

From: Gavrilas, Mirela
To: Richards, Stuart; Case, Michael
Subject: FW: BADGER Report & Discussion
Date: Monday, March 14, 2011 5:00:02 PM

Also fyi.

Note that Charlie has substantially revised this version of the report since 2/15. No one from RES was on distribution.

From: Taylor, Robert
Sent: Monday, March 14, 2011 7:13 AM
To: Gavrilas, Mirela
Subject: FW: BADGER Report & Discussion

Mirela,

I noticed you were not on distribution. Has this report gone through internal RES review such that it is ready for us to move forward on the mini-PIRT you and I discussed?

Regards,
Rob

From: Harris, Charles
Sent: Monday, March 14, 2011 6:44 AM
To: Taylor, Robert; Yoder, Matthew; Wood, Kent; Nakanishi, Tony; Wong, Emma; Hunt, Christopher; Morgan, Thomas; Dykert, Jason
Subject: BADGER Report & Discussion

Hello Everyone,

I have attached my review on EPRI's BADGER qualification report. I have edited it several times since Jan. and Feb. 15th. This is my draft informational review; it is not a report from my RES branch.

On the 14th floor of OWFN, I have reserved room 14B10 from 2:00-2:30 on March 16th, if anyone would like to hear what I think or ask me any questions.

Thank you,

Charlie

Charles Harris

Materials Engineer
Office of Research
Division of Engineering
Corrosion and Metallurgy Branch

AD/246

Dean, Bill

From: Dean, Bill
Sent: Monday, March 14, 2011 5:02 PM
To: Lorson, Raymond
Subject: RE: follow-up to tabletop exercise

They have been for the last 2-3 years!!

Bill

From: Lorson, Raymond
Sent: Monday, March 14, 2011 1:41 PM
To: Dean, Bill
Subject: FW: follow-up to tabletop exercise

Bill:

Marc's followed up with NSIR this am regarding your question about working with DHS/FBI etc to improve communications (in advance) of these tabletop exercises. Not sure the answer is completely satisfying but it sounds like NSIR is working to improve communications.

Ray

From: Ferdas, Marc
Sent: Monday, March 14, 2011 12:22 PM
To: Lorson, Raymond
Subject: RE: follow-up to tabletop exercise

Based on my discussions, it appears that NSIR was aware of this situation from previous tabletops and were working w/ their counterparts to improve communications between us, DHS, FBI, and NNSA.

From: Lorson, Raymond
Sent: Monday, March 14, 2011 9:41 AM
To: Ferdas, Marc
Subject: follow-up to tabletop exercise

Marc:

You reached out to FSME and NSIR to make them aware of the issue. Did they communicate back to DHS/FBI to request that they be kept in the communications loop for future activities such as this?

Thanks

Ray

From: Coyne, Kevin
To: Peters, Sean; Salley, MarkHenry; Ott, William; Demoss, Gary; Beasley, Benjamin; Siu, Nathan; Stutzke, Martin; Barnes, Valerie; Nicholson, Thomas
Cc: Coe, Doug; Correia, Richard
Subject: Branch/SL Briefings for Rich Correia
Date: Monday, March 14, 2011 5:13:46 PM

Rich would like us to set up briefings starting the week of April 4. Aim for about 45 minutes in length and, as a reminder, the key topics to cover are:

- Your Branch/SL functions
- Projects/activities you are currently working on
- Future projects not yet started – including your goals for the remainder of FY2011
- (BCs only) staffing and budget (FTE & \$s) you have

Let me know if you have any questions at this point, but please get your meetings scheduled...

Thanks!

Kevin

AD/248

Matakas, Gina

From: Picon-Colon, Reinaldo
Sent: Monday, March 14, 2011 5:17 PM
To: Dean, Bill
Cc: Cohen, Miriam; Tracy, Glenn; Shay, Jason; Virgilio, Martin
Subject: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (R1)

Importance: High

Good Afternoon Mr. Dean!

The Commission has approved this year's Distinguished & Meritorious awards recipients.

STEP 1:

Notify your award recipients immediately. Their names are:

- **Bixler, Cyndy** - Meritorious Service Award
- **Hunegs, Gordon** - Meritorious Service Award

STEP 2:

Reply to me by e-mail as soon as you have been able to notify them.

Once I receive your confirmation, I will then contact them to coordinate the follow-up process regarding photography, travel arrangements for family, etc. Usually, this process takes a significant amount of time, and it is required in order to prepare the Certificates, Special Lapel Pins, and brochures. So, I need to begin this process immediately.

Your prompt response will be greatly appreciated.

Our 34th Annual Awards Ceremony will be held on ***Tuesday, June 14, 2011***, at the Bethesda North Marriott Hotel and Conference Center

1:00 pm - 2:00 pm	Pre-Ceremony Reception. (This is for awardees, their guests, Commissioners, and Office Directors)
2:00 pm - 3:00 pm	34 th Annual Awards Ceremony (This is for all employees)
3:00 pm - 4:30 pm	Post Ceremony Reception (This is for all employees)

Thank you in advance for your quick response.

Reinaldo "Rey" Picón-Colón
Project Manager & Coordinator of the Annual Awards Ceremony (June 14, 2011)
U.S. Nuclear Regulatory Commission (NRC)
Office of Human Resources (HR)
Program Management, Policy Development

Matakas, Gina

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Sent: Monday, March 14, 2011 5:17 PM
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Cc: Cohen, Miriam; Tracy, Glenn; Shay, Jason; Virgilio, Martin
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Your prompt response will be greatly appreciated.

Our 34th Annual Awards Ceremony will be held on ***Tuesday, June 14, 2011***, at the Bethesda North Marriott Hotel and Conference Center

1:00 pm - 2:00 pm	Pre-Ceremony Reception. (This is for awardees, their guests, Commissioners, and Office Directors)
2:00 pm - 3:00 pm	34 th Annual Awards Ceremony (This is for all employees)
3:00 pm - 4:30 pm	Post Ceremony Reception (This is for all employees)

Thank you in advance for your quick response.

Reinaldo "Rey" Picón-Colón
Project Manager & Coordinator of the Annual Awards Ceremony (June 14, 2011)
U.S. Nuclear Regulatory Commission (NRC)
Office of Human Resources (HR)
Program Management, Policy Development

and Analysis Staff (PMDA)

"We can't solve problems by using the same kind of thinking we used when we created them."

--Albert Einstein

Reinaldo.Picon-Colon@nrc.gov

1 (301) 492-2272 (office)

1 (301) 492-2241 (fax)

Rini, Brett

From: Sheron, Brian
Sent: Monday, March 14, 2011 5:25 PM
To: Scott, Michael; Gibson, Kathy; Uhle, Jennifer
Cc: Santiago, Patricia; Tinkler, Charles
Subject: RE: OPCEN SUPPORT - BWR SEVERE ACCIDENT ANALYSTS

Nope. My thanks to both Jason and Charlie for supporting the Op center.

From: Scott, Michael
Sent: Monday, March 14, 2011 5:20 PM
To: Gibson, Kathy; Uhle, Jennifer; Sheron, Brian
Cc: Santiago, Patricia; Tinkler, Charles
Subject: OPCEN SUPPORT - BWR SEVERE ACCIDENT ANALYSTS

Jason Schaperow has been there all day and has not been heavily tasked. We have proposed, and the RST lead agreed, that Charlie Tinkler be on call tonight, so we will not have someone sitting there until the wee hours.

Jason is on the Accident Analyst rotation so will be coming in Wednesday on the back shift.

Please let me know if you have any concerns or questions.

Mike

AD/250

From: Mathew, Roy
To: Ruland, William
Subject: RE: Diablo Canyon - LAR Offsite Power Delay Time
Date: Monday, March 14, 2011 5:27:21 PM

I don't know whether Tony briefed you on the issue. Can I come and talk to you.? We need to get the LAR approved or denied..

From: Ruland, William
Sent: Monday, March 07, 2011 9:46 AM
To: Hiland, Patrick
Cc: Mathew, Roy
Subject: RE: Diablo Canyon - LAR Offsite Power Delay Time

I thought this was resolved. I'll check.

From: Hiland, Patrick
Sent: Monday, March 07, 2011 9:40 AM
To: Ruland, William
Cc: Mathew, Roy
Subject: FW: Diablo Canyon - LAR Offsite Power Delay Time
Importance: High

Bill, my staff tells me they are still waiting for DSS?

From: Hiland, Patrick
Sent: Wednesday, March 02, 2011 8:09 AM
To: Ruland, William
Subject: Diablo Canyon - LAR Offsite Power Delay Time
Importance: High

Bill, my staff tells me they are waiting on DSS to satisfy DORL's desire to meet the 1-yr metric on this LAR. One year ends about 3/19. Can we discuss?

AD/251

From: Leeds, Eric
To: Nguyen, Quynh
Cc: Boger, Bruce; Deeds, Erin; Grobe, Jack
Subject: RE: OpsCenter Coverage and Difficult Conversations Next Week?
Date: Monday, March 14, 2011 5:34:16 PM

Yes lets think positive and go forward. I need some hope!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Nguyen, Quynh
Sent: Monday, March 14, 2011 3:01 PM
To: Leeds, Eric
Cc: Boger, Bruce; Deeds, Erin; Grobe, Jack
Subject: OpsCenter Coverage and Difficult Conversations Next Week?
Importance: High

Eric,

What do you want us to do?

Participants should be aware and make arrangements?

Quynh

AD/252

From: NRR HIGNFY Resource
To: NRR Distribution
Subject: Special Edition HIGNFY - Response to Recent Events in Japan - Maintain Effective Communication and Coordination
Date: Monday, March 14, 2011 6:01:13 PM

- March 14, 2011 -

*** SPECIAL EDITION *
Have I Got News For You!**

Office of Nuclear Reactor Regulation Mission Statement

NRR supports the NRC mission to protect public health, safety, and the environment by developing and implementing rulemaking, licensing, oversight, and incident response programs for reactors. We conduct these activities in a manner that develops trust and is consistent with the NRC organizational values.

**Response to Recent Events in Japan
Maintain Effective Communication and Coordination**

As you are all aware from the Agency wide e-mails, the NRC Operations Center is being manned 24 hours a day to support monitoring of the situation in Japan. Many of your NRR colleagues are involved with this effort.

Here in NRR, we can look forward in the coming days and months to many questions about the situation in Japan and the relevance to domestic nuclear facilities. The staff in the Operations Center has already been working on these types of questions and answers. It will be important to maintain effective communication and coordination between the work done in the Office, and the work done in the Operations Center.

In an effort to minimize disruption of Operations Center activities, NRR has designated Eric Thomas (eric.thomas@nrc.gov) in NRR's Operating Experience Branch to be the focused single point of contact for information requests that NRR staff may have for the Reactor Safety and Preventative Measures Teams in the Operations Center.

If you are assigned a task involving event questions and answers, please let Eric know so that he can coordinate with the Operations Center to ensure that we are providing consistent responses. If you are contacted directly by staff in the Operations Center, please respond to the request promptly, and provide an electronic copy of your response to Eric so that he can maintain the response for future use by others.

Thanks for your cooperation and assistance!

AD/253

43

From: Steger (Tucci), Christine
To: Leeds, Eric
Cc: Givvines, Mary
Subject: FYI Support to OPA (today and tomorrow)
Date: Monday, March 14, 2011 6:35:51 PM

Hi Eric,

Toye mentioned you were looking for me. OPA requested support for the next couple days, answering and fielding calls. I will be up there tomorrow as well but will have access to my e-mail if you need anything.

Thanks,
Christine

Christine A. Steger
Communications Analyst
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation
Direct: 301-415-2008
christine.steger@nrc.gov

AD/254

From: MARION, Alex
To: Leeds, Eric
Subject: Re: NEI Meetings with Eric Leeds and Jack Grobe
Date: Monday, March 14, 2011 6:32:57 PM

We can chat tomorrow or later this week if you have the time.

From: Leeds, Eric [mailto:Eric.Leeds@nrc.gov]
Sent: Monday, March 14, 2011 03:03 PM
To: MARION, Alex
Subject: RE: NEI Meetings with Eric Leeds and Jack Grobe

We'll catch up Alex. I'm interested in how Marv discussed the seismic ground motion that engineers use to the Richter scale. We've found that very difficult to discuss with the public.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: MARION, Alex [mailto:axm@nei.org]
Sent: Monday, March 14, 2011 11:00 AM
To: Nguyen, Quynh
Cc: Schwarz, Sherry; Cohen, Shari; Grobe, Jack; Leeds, Eric; Boger, Bruce; MINAHAN, Stewart; RINCKEL, Jeannie; WALTERS, Doug
Subject: RE: NEI Meetings with Eric Leeds and Jack Grobe

I was going to send them an email suggesting postponement but haven't had an opportunity it has been. Things have been quite hectic here. Thanks!

From: Nguyen, Quynh [mailto:Quynh.Nguyen@nrc.gov]
Sent: Monday, March 14, 2011 10:53 AM
To: MARION, Alex
Cc: Schwarz, Sherry; Cohen, Shari; Grobe, Jack; Leeds, Eric
Subject: NEI Meetings with Eric Leeds and Jack Grobe

Alex,

I just called and left you a message. Given the recent events in Japan, I recommend that we postpone your status periodic with Eric Leeds and Jack Grobe (both occurring on March 16).

I believe you are scheduled to meet with Jack on March 30th.

Can you confirm receipt of cancellations? Meeting on 30th?

Thanks,
Quynh

AD/255

From: McHale, John
To: Brown, Frederick; Ruland, William
Cc: Currie, Sean; Bucholtz, Kristy; Elliott, Robert
Subject: RE: DIRS BWR folks
Date: Monday, March 14, 2011 6:52:05 AM

Tim Kolb is a former BWR SRO. He is already on the RST watchbill for the week. Sean Currie has a PWR background, but not yet cross-certified for BWR.

From: Brown, Frederick
Sent: Friday, March 11, 2011 4:27 PM
To: Ruland, William
Cc: McHale, John; Currie, Sean; Bucholtz, Kristy; Elliott, Robert
Subject: DIRS BWR folks

Bill,

We are light on BWR. Kristy Bucholtz was an SRO at Peach Bottom (I believe) and Sean Currie may have cross-certified as a BWR examiner. Kristy lives up in PA, so she would need significant advance notice if called-in to support the Ops Center.

Fred

AD/256

From: [Ruland, William](#)
To: [Givvines, Mary](#)
Subject: RE: Did we close the loop with the CNWRA - looking for more work to give them?
Date: Tuesday, March 15, 2011 12:49:00 AM

ET

From: Givvines, Mary
Sent: Monday, March 14, 2011 2:32 PM
To: Ruland, William
Subject: RE: Did we close the loop with the CNWRA - looking for more work to give them?

Ok – I just wasn't sure. Who do we owe a response to – our ET or the OEDO?

From: Ruland, William
Sent: Monday, March 14, 2011 2:31 PM
To: Givvines, Mary
Subject: RE: Did we close the loop with the CNWRA - looking for more work to give them?

Will be discussed at tomorrow's LT

From: Givvines, Mary
Sent: Monday, March 14, 2011 2:30 PM
To: Ruland, William
Cc: Narick, Marianne
Subject: Did we close the loop with the CNWRA - looking for more work to give them?

Mary Givvines

*Director, Program Management, Policy Development and Analysis Staff
Office of the Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
(301) 415-1275; Mary.Givvines@nrc.gov*

AD/257

From: Bano, Mahmooda
To: RES International Travel Dist; Eisenberg, Wendy
Cc: Calvo, Antony; Hoxie, Chris
Subject: Pre Trip-ACalvo-April 2011 Spring CAMP (Bariloche Argentina) Meeting.docx
Date: Tuesday, March 15, 2011 6:02:18 AM
Attachments: Pre Trip-ACalvo-April 2011 Spring CAMP (Bariloche Argentina) Meeting.docx

AD/258

International Travel Pre-Trip Notification

This is due 30 days before trip start date. Please complete the light shaded area.

TRAVEL INFORMATION

• Traveler Name(s): (include Office/Division)	Chris Hoxie, RES/DSA Antony Calvo, RES/DSA Josh Whitman, RES/DSA Dan Prelewicz, ISL	• Phone #(s):	301-251-7562 301-251-7677 301-251-7514 301-255-2273
• E-mail Address(es):	chris.hoxie@nrc.gov antony.calvo@nrc.gov josh.whitman@nrc.gov danp@islinc.com	• Location(s):	Rockville, MD Rockville, MD Rockville, MD Rockville, MD
• Multiple Travelers:	<input type="checkbox"/> Less than 4 <input checked="" type="checkbox"/> 4 or more (see below)		
If 4+, Coordinating Office:	RES		
If 4+, Office Director Approvals:	(1)	RES: Brian W. Sheron	Date:
(Office Director approves travelers	(2)	CHOOSE ONE OF THE FOLLOWING	Date:
from his/her office only)	(3)	CHOOSE ONE OF THE FOLLOWING	Date:
	(4)	CHOOSE ONE OF THE FOLLOWING	Date:
ADAMS Accession Number: [If 4+, Submit NRC Daily Note with ML# of pre-trip notification 30 days before trip start date]	ML110730387		
• Travel Dates [mm/dd/yyyy]:	04/24/2011 to 04/29/2011		
• Destination(s) [City, Country]:	San Carlos De Bariloche, Argentina		
• Framework:	<input type="checkbox"/> Export and Import Licensing <input type="checkbox"/> Multilateral Cooperation and Assistance <input type="checkbox"/> Treaties, Agreements, and Conventions <input checked="" type="checkbox"/> International Cooperative Research <input type="checkbox"/> Bilateral Cooperation and Assistance <input type="checkbox"/> Other (specify)		
• International Organization:	<input type="checkbox"/> NEA/CSNI <input type="checkbox"/> NEA/CNRA <input type="checkbox"/> NEA/RWMC <input type="checkbox"/> NEA/MDEP <input type="checkbox"/> NEA/CRPPH <input type="checkbox"/> IAEA/NS(TRANSSC) <input type="checkbox"/> IAEA/NS(WASSC) <input type="checkbox"/> IAEA/(NUSSC) <input type="checkbox"/> IAEA/NS(RASSC) <input type="checkbox"/> IAEA/Safeguards <input type="checkbox"/> IAEA/NS <input type="checkbox"/> IAEA/NE <input type="checkbox"/> IAEA/Technical Cooperation <input checked="" type="checkbox"/> Other: Code Application & Maintenance Program (CAMP)		
• Purpose of Travel:	This trip is necessary for NRC to fulfill it's obligations under the CAMP agreements it has with 25 nations.		
• Desired Outcome:	The desired outcome is for NRC to meet its CAMP obligation to hold one CAMP meeting on foreign soil each year, and to continue to energize the participants to use the TRACE code and share their results with the CAMP community.		
• Traveler Role(s):	Chris Hoxie is the lead-off speaker at the Spring 2011 CAMP meeting. He will provide a 45 minute presentation of the TRACE-PARCS-SNAP roadmap to the CAMP participants to inform them of NRC's future thermal hydraulic development		

<p>plans, and to gather their comments. He will also present the new SNAP-TRACE Uncertainty Module software specification and prototype.</p> <p>Josh Whitman will present the details of the improvements that have been made to TRACE, including the new features of TRACE Version 5, Patch 3. This includes new fuel rod modeling capabilities, an improved mechanistic flashing model, and a new "vessel-to-vessel" capability that allows improved modeling of BWR and PWR cores.</p> <p>Doug Barber (ISL contractor) will present the status of the RELAP5 code including the bugs that were fixed to allow the publication of RELAP5, Mod 3.3 Patch 4. The contractor will also take the CAMP meeting minutes.</p> <p>Antony Calvo, the CAMP Manager, will run the CAMP Technical Meeting that takes place on the third day. During that time, Mr. Calvo will make a presentation on the status of CAMP, and will go over with each country the status of their CAMP membership, including the status of their "like-in-kind" contributions.</p>	
<p>• Is this an NRC Core or Non-Core Trip? [Core means NRC-Funded. Non-Core is externally funded or travel to Canada]</p>	<p><input checked="" type="checkbox"/> Core <input type="checkbox"/> Non-Core</p>
<p>• Is there a speech or presentation to be given? [If yes, send ADAMS ML# of presentations in an EDO One Week Look Ahead]</p>	<p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>• Are policy issues or other items of Commission interest to be raised?</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>If yes, how will the Commission be informed?</p>	<p>Via the trip report.</p>

From: [Bano, Mahmooda](#)
To: [RES International Travel Dist; Eisenberg, Wendy](#)
Cc: [Whitman, Josh](#)
Subject: Pre Trip-JWhitman- April 2011 Spring CAMP (Bariloche Argentina) Meeting.docx
Date: Friday, March 18, 2011 2:00:17 PM
Attachments: [Pre Trip-JWhitman- April 2011 Spring CAMP \(Bariloche Argentina\) Meeting.docx](#)

From: Leeds, Eric
To: Sheron, Brian; Picon-Colon, Reinaldo
Cc: Shay, Jason; Cohen, Miriam; Tracy, Glenn; Weber, Michael; Virgilio, Martin
Subject: RE: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (RES & NRR)
Date: Tuesday, March 15, 2011 8:02:00 AM

I already asked Bill Ruland to contact Mike. Thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Sheron, Brian
Sent: Tuesday, March 15, 2011 7:55 AM
To: Picon-Colon, Reinaldo; Leeds, Eric
Cc: Shay, Jason; Cohen, Miriam; Tracy, Glenn; Weber, Michael; Virgilio, Martin
Subject: RE: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (RES & NRR)

OK.

From: Picon-Colon, Reinaldo
Sent: Tuesday, March 15, 2011 7:30 AM
To: Sheron, Brian; Leeds, Eric
Cc: Shay, Jason; Cohen, Miriam; Tracy, Glenn; Weber, Michael; Virgilio, Martin
Subject: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (RES & NRR)
Importance: High

Mr. Leeds & Mr. Sheron,

I just updated my list of awardees and found a change with the following individual:

Scott, Michael - Meritorious Service Award

Please note, Mr. Scott was nominated by NRR, but he recently moved to RES. This is not an unusual situation. For the Annual Awards Ceremony, and Yellow Announcement, he will be listed as an employee of RES.

Mr. Sheron,

Please notify Michael Scott with the good news.

Thank You!!

Reinaldo "Rey" Picón-Colón

Project Manager & Coordinator of the Annual Awards Ceremony (June 14, 2011)
U.S. Nuclear Regulatory Commission (NRC)
Office of Human Resources (HR)
Program Management, Policy Development
and Analysis Staff (PMDA)

AD/259

"We can't solve problems by using the same kind of thinking we used when we created them."

--Albert Einstein

Reinaldo.Picon-Colon@nrc.gov

1 (301) 492-2272 (office)

1 (301) 492-2241 (fax)

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Tuesday, March 15, 2011 8:29 AM
To: Reisifard, Mehdi
Subject: RE: OEGIB Page

Shelby, Jose and Lauren should all be "Generic Issues Program"

From: Reisifard, Mehdi
Sent: Tuesday, March 15, 2011 8:26 AM
To: Beasley, Benjamin
Subject: RE: OEGIB Page

Ben,

Please let me know the "Job Description" (see the table) for Shelby and Jose.

Thanks,

Mehdi

From: Beasley, Benjamin
Sent: Tuesday, March 15, 2011 8:24 AM
To: Reisifard, Mehdi
Subject: RE: OEGIB Page

Mehdi,

In addition to adding Shelby and Jose, I would like to make the Mission statement complete sentences. I have notes the changes here:

Our mission is to manage the identification, assessment and resolution of safety and security issues affecting multiple facilities through conduct of the Generic Issues Program. We also collect and evaluate operating experience and reliability information for use in reactor oversight programs and probabilistic risk assessments.

Thanks for handling this.

Ben

From: Reisifard, Mehdi
Sent: Thursday, March 10, 2011 7:50 AM
To: Beasley, Benjamin
Subject: FW: OEGIB Page

Ben,

Ha is asking for updates for our web page. I am going to add Shelby to the list at the end of the page (what should I say for her Job Description?). Please let me know if you like to make other changes to the page.

<http://www.internal.nrc.gov/RES/about/Divisions/DRA/OEGIB/OEGIB.html>

Thanks,

Mehdi

From: DO, HA

Sent: Wednesday, March 09, 2011 1:53 PM

To: Reisifard, Mehdi

Subject: OEGIB Page

Hi Mehdi,

Please view the OEGIB link below and let me know if you have the update info for the page.

<http://www.internal.nrc.gov/RES/about/Divisions/DRA/OEGIB/OEGIB.html>

Thanks,

Ha

From: [Eisenberg, Wendy](#)
To: [Kuritzky, Alan](#)
Cc: [Siu, Carolyn](#); [Coyne, Kevin](#)
Subject: Foreign Travel Trip Reports and Reminders
Date: Tuesday, March 15, 2011 8:35:31 AM
Attachments: [Untitled.PDF - Adobe Acrobat Pro.pdf](#)

Alan:

On 3/14/11, Jennifer Uhle signed the Form 445 for your contractor's trip to S. Korea and I will send it to OIP for their signature. OIP will then return the form to us so we can notify BNL that his travel has been approved.

REMINDERS:

Pre trip information notice: Already issued, thanks.

Final trip report due: 5/13/11

Thanks.

AD/261

NRC FORM 445 (10-2009) U.S. NUCLEAR REGULATORY COMMISSION REQUEST FOR APPROVAL OF OFFICIAL FOREIGN TRAVEL MUST BE COMPLETED 30 DAYS PRIOR TO TRAVEL		APPROVED BY OMB, NO. 3150-0185 Estimated burden per response to comply with this voluntary collection request: 1 hour. NRC uses this form to authorize foreign travel for non-Federal personnel in the course of conducting business for the NRC. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (1-5 P63), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to: foia@nrc.gov , and to the Desk Officer, Office of Information and Regulatory Affairs, NEOR-10202 (3150-0185), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.	
CONTACT IN OFFICE OR REGION Brian Sheron		PROGRAM OFFICE RES	MAIL STOP C&D20M
A. REVIEW AND APPROVAL			
SIGNATURE - OFFICE DIRECTOR/REGIONAL ADMINISTRATOR <i>OFFICE</i> Brian Sheron - Director, RES		DATE 3/14/11	
SIGNATURE - DIRECTOR, OIP (if required) Margaret Doane - Director, OIP		DATE	
SIGNATURE - CHAIRMAN (if required)		DATE	
B. TRAVELER INFORMATION (To be completed by traveler)			
1. NAME OF TRAVELER (Print or Type - Last, first and middle initial) Chu, Tsong-Lun			
2. IS YOUR PASSPORT CURRENT? <input type="checkbox"/> YES <input type="checkbox"/> NO		3. DATE OF DEPARTURE 04/16/2011	3a. DATE OF RETURN 04/23/2011
4. POSITION TITLE (include profession) Nuclear Engineer		5. EMPLOYER Brookhaven National Laboratory	
6. EMPLOYER ADDRESS 32 Lewis Rd., Bldg 130		7. EMPLOYER CITY (include ZIP Code) Upton, NY 11973	
8. SIGNATURE OF TRAVELER <i>Tsong-Lun Chu</i>			9. DATE 3/10/11
10. PURPOSE OF TRAVEL Kick-off meeting for NRC/Brookhaven National Laboratory (BNL)/Korea Atomic Energy Research Institute (KAERI) collaboration on quantitative software reliability methods. Dr. Tsong-Lun Chu (BNL) will meet with KAERI staff to establish logistics for the collaboration and to learn about previous related work performed by KAERI.			
11. LIST OF PERSONS WITH WHOM TRAVEL HAS BEEN COORDINATED (within NRC and in other U.S. Government agencies) (Name and Agency)			
Name		Agency	
Alan Kuritzky		NRC	
Jeff Dehn		NRC	

12. LIST OTHER NPC TRAVELERS AND CONTRACTORS GOING TO SAME FOREIGN MEETING OR DESTINATION				
Name	Agency			
13. SOURCE OF FUNDING			13a. JGB CODE	
DOE Laboratory contract			V6036	
14. PROPOSED ITINERARY (If this information is CLASSIFIED, be sure to CLASSIFY THIS FORM appropriately. (Account for all time from beginning through ending dates of travel))				
DATES	LOCATION (Installation, City, Country)	INDIVIDUALS TO BE CONTACTED	SUBJECT OF DISCUSSION	IF CLASSI- FIED
04/16/2011	From New York, NY			
	to Incheon, KR		Travel Day (Arrive Incheon on 4/17)	
04/17/2011	From Incheon, KR			
	to Daejeon, KR		Travel Day	
04/18/2011	KAERI, Daejeon, KR	Man-Cheol Kim	K-O mtg for BNL/KAERI collaboration	
04/19/2011	KAERI, Daejeon, KR	Man-Cheol Kim	K-O mtg for BNL/KAERI collaboration	
04/20/2011	KAERI, Daejeon, KR	Man-Cheol Kim	K-O mtg for BNL/KAERI collaboration	
04/21/2011	KAERI, Daejeon, KR	Man-Cheol Kim	K-O mtg for BNL/KAERI collaboration	
04/22/2011	KAERI, Daejeon, KR	Man-Cheol Kim	K-O mtg for BNL/KAERI collaboration	
04/22/2011	From Daejeon, KR			
	to Seoul, KR		Travel	
04/23/2011	From Seoul, KR			
	to Incheon, KR			
	From Incheon, KR			
	to New York, NY		Travel Day	

From: Holian, Brian
To: Leeds, Eric; Boger, Bruce
Cc: Kuntz, Robert; Pham, Bo
Subject: VY LR signing; Wed 3:30 (Entergy attendees)
Date: Tuesday, March 15, 2011 8:46:09 AM

As of now, Entergy bringing six....

Mike Balduzzi COO for plants in Northeast
Mike Coulumb Site VP
Chris Wamser General Manager (Plant manager)
Norm Radamacher Dir of Engineering VY
Garry Young LR Director Entergy Fleet
David Lack Site LR

Rob...make sure you invite an OGC rep (or two) to be there for the picture.

AD/262

From: Uhle, Jennifer
To: Case, Michael; Richards, Stuart; Hogan, Rosemary
Cc: Kammerer, Annie
Subject: support on seismic for the CHairman
Date: Tuesday, March 15, 2011 8:46:52 PM

Annie did a great job in getting information to me to support the chairman's preparation for tomorrow committee briefing downtown. In order to explain an issue she spoke directly to the chairman on the phone to get him up to speed. He was very pleased.

Jennifer

A0/263

From: Lubinski, John
To: Beckford, Kaydian; McMurtray, Anthony; Farnan, Michael; Thomas, Brian
Subject: RE: Rescheduled - Developing RIS for MOV Issue
Date: Tuesday, March 15, 2011 8:49:00 AM

Please reschedule. I will be in op center and Brian has a conflict

Thanks

-----Original Appointment-----

From: Beckford, Kaydian
Sent: Thursday, February 17, 2011 3:38 PM
To: Beckford, Kaydian; Lubinski, John; McMurtray, Anthony; Farnan, Michael; Thomas, Brian
Subject: Rescheduled - Developing RIS for MOV Issue
When: Tuesday, March 15, 2011 2:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-9D4

When: Tuesday, March 15, 2011 2:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: O-9D4

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

AD/264

From: Scott, Michael
To: Gibson, Kathy; Zaki, Tarek; Case, Michael; Coe, Doug; Coyne, Kevin
Subject: RE: RES/NRO Advanced Reactor Coordination Meeting
Date: Tuesday, March 15, 2011 8:49:04 PM

Mike: Video not possible tomorrow. Phone con?

Mike

-----Original Appointment-----

From: RES_DSA_Calendar Resource
Sent: Wednesday, March 02, 2011 10:24 AM
To: RES_DSA_Calendar Resource; Gibson, Kathy; Scott, Michael; Basu, Sudhamay; Rubin, Stuart; Zaki, Tarek; Case, Michael; Coe, Doug; Coyne, Kevin
Subject: RES/NRO Advanced Reactor Coordination Meeting
When: Wednesday, March 16, 2011 3:30 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: CSB 06 B01

When: Wednesday, March 16, 2011 3:30 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).

Where: CSB 06 B01

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

AD/265

From: Cianci, Sandra
To: Leeds, Eric; Johnson, Michael; Dorman, Dan; Miller, Charles
Cc: Sprogeris, Patricia; Schwarz, Sherry; Walker, Dwight; Casby, Marcia; Virgilio, Martin; Weber, Michael
Subject: FW: CANCELED: 9:00AM and 9:30AM Prep Meetings with the Chairman
Date: Tuesday, March 15, 2011 8:57:21 AM
Importance: High

Budget Prep Meetings are canceled this morning

Thank you

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

From: Pace, Patti
Sent: Tuesday, March 15, 2011 8:55 AM
To: Muessle, Mary; Ash, Darren; Dyer, Jim; Schmidt, Rebecca; Burns, Stephen
Cc: Cianci, Sandra; Garland, Stephanie; Hudson, Sharon; Ellis, Marv; Belmore, Nancy; Pulley, Deborah; Mayberry, Theresa; Gibbs, Catina; Speiser, Herald; Batkin, Joshua; Coggins, Angela; Dhira, Neha
Subject: CANCELED: 9:00AM and 9:30AM Prep Meetings with the Chairman
Importance: High

Please inform all affected staff.

Thanks

Patti Pace

Assistant to Chairman Gregory B. Jaczko

U.S. Nuclear Regulatory Commission

301-415-1820 (office)

301-415-3504 (fax)

AD/266

From: Muessle, Mary
To: Johnson, Michael; Leeds, Eric
Subject: FW: CANCELED: 9:00AM and 9:30AM Prep Meetings with the Chairman
Date: Tuesday, March 15, 2011 8:58:57 AM
Importance: High

Mary Muessle
Assistant for Operations - Acting
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
301-415-1703 office
301-415-2700 fax

From: Pace, Patti
Sent: Tuesday, March 15, 2011 8:55 AM
To: Muessle, Mary; Ash, Darren; Dyer, Jim; Schmidt, Rebecca; Burns, Stephen
Cc: Ciani, Sandra; Garland, Stephanie; Hudson, Sharon; Ellis, Marv; Belmore, Nancy; Pulley, Deborah; Mayberry, Theresa; Gibbs, Catina; Speiser, Herald; Batkin, Joshua; Coggins, Angela; Dhir, Neha
Subject: CANCELED: 9:00AM and 9:30AM Prep Meetings with the Chairman
Importance: High

Please inform all affected staff.

Thanks

Patti Pace
Assistant to Chairman Gregory B. Jaczko
U.S. Nuclear Regulatory Commission
301-415-1820 (office)
301-415-3504 (fax)

AD/267

From: Lubinski, John
To: Mitchell, Matthew; McMurtry, Anthony; Lupold, Timothy; Taylor, Robert; Cusumano, Victor; Karwowski, Kenneth; Hardies, Robert
Cc: Thomas, Brian
Subject: FW: DIRS deputy rotations
Date: Tuesday, March 15, 2011 9:06:00 AM

fyi

From: Brown, Frederick
Sent: Friday, March 11, 2011 7:25 AM
To: Bahadur, Sher; Blount, Tom; Cheok, Michael; Evans, Michele; Ferrell, Kimberly; Galloway, Melanie; Giitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Howe, Allen; Lee, Samson; Lubinski, John; Lund, Louise; McGinty, Tim; Nelson, Robert; Quay, Theodore; Ruland, William; Skeen, David; Weerakkody, Sunil; Thomas, Brian
Cc: Westreich, Barry; Pruett, Troy; Andersen, James
Subject: DIRS deputy rotations

FYI – Eric went to ERB, and got approval for the following rotations:

Barry Westreich from NSIR for three months, transitioning in starting next week. I'll probably send Barry to many/most LT and ET meetings while he is here.

Troy Pruett from Region IV from June through August. I still need to talk to Troy about what he is interested in focusing on.

Jim Andersen will come down and be here through the final months of Mike's time in DRA.

AD/ 268

Dean, Bill

From: R1 IRC
Sent: Tuesday, March 15, 2011 9:11 AM
To: HOO Hoc; Kaufman, Paul; McKinley, Raymond; Tifft, Doug; McNamara, Nancy; Perry, Neil; Hinson, Felicia; White, John; Manning, Louis; Royal, Judith; Rule, David; Duffey, Gerard; Dentel, Glenn
Cc: Baker, Pamela; Walker, Tracy; Kinneman, John; Henderson, Pamela; Lew, David; Clifford, James; Wilson, Peter; Roberts, Darrell; Dean, Bill
Subject: Issuance of Regional Availability Report for the Week of 3/14/11
Attachments: ERO Availability.doc

The Regional Emergency Response Organization Report for the week of March 14, 2011 is attached. Glenn Dentel is the current Regional Duty Officer and is scheduled to serve until Monday, March 21, 2011.

If you have questions, please contact me at x5391.

--Felicia

AD/269

From: [Chang, Richard](#)
To: [Coyne, Kevin](#)
Subject: Safety Relief Valve Comparison
Date: Tuesday, March 15, 2011 9:14:37 AM

Kevin,

May I ask to get a copy of the work that you guys have done with Safety Relief Valve failures?

From the last Commission TA briefing done, one of the Commission TAs asked the SOARCA team to look at the work done on SRV failures and compare it to what you guys have done so far.

Thanks,
Richard Chang
Program Manager
RES/DSA/SPB
301-251-7980

AD/270

Dean, Bill

From: Barkley, Richard
Sent: Tuesday, March 15, 2011 9:41 AM
To: Screnci, Diane; Sheehan, Neil; McNamara, Nancy; Tifft, Doug; Dean, Bill; Lew, David; Walker, Tracy
Cc: Decker, David
Subject: Congressional Hearing Access Tomorrow

TO ACCESS A WEBCAST OF THE HEARING TOMORROW, GO TO:

[HTTP://ENERGYCOMMERCE.HOUSE.GOV](http://ENERGYCOMMERCE.HOUSE.GOV), THEN CLICK ON COMMITTEE ACTIONS, THEN HEARINGS, THEN WATCH HEARINGS LIVE. COMMITTEE MEMBERSHIP IS BELOW (I HIGHLIGHTED THE PEOPLE I AM EAGER TO SEE TALK IN RED):

HEARING

The FY2012 Department of Energy and Nuclear Regulatory Commission Budgets

March 16, 2011

The Subcommittee on Energy and Power and the Subcommittee on Environment and the Economy have scheduled a joint hearing on Wednesday, March 16, 2011, at 9:30 a.m. in 2123 Rayburn House Office Building. The hearing is entitled "The FY2012 Department of Energy and Nuclear Regulatory Commission Budgets."

[Background Memo](#)

Witness List

The Honorable Steven Chu
Secretary
U.S. Department of Energy

The Honorable Gregory Jaczko
Chairman
U.S. Nuclear Regulatory Commission

Additional Witnesses to be Announced

Subcommittee on Energy and Power

Jurisdiction: National energy policy generally; Fossil energy, renewable energy resources and synthetic fuels, energy conservation, energy information; Energy regulation and utilization; Utility issues and regulation of nuclear facilities; Interstate energy compacts; Nuclear energy; The Clean Air Act and air emissions; and, All laws, programs, and government activities affecting such matters.

Republicans

Democrats

Ed Whitfield (KY) *Chair*
John Sullivan (OK) *Vice Chair*
John Shimkus (IL)
Greg Walden (OR)
Lee Terry (NE)
Michael Burgess (TX)
Brian Bilbray (CA)
Steve Scalise (LA)
Cathy McMorris Rodgers (WA)
Pete Olson (TX)
David McKinley (WV)
Cory Gardner (CO)
Mike Pompeo (KS)
Morgan Griffith (VA)
Joe Barton (TX)
Fred Upton (MI)

Bobby L. Rush (IL)
Jay Inslee (WA)
Jim Matheson (UT)
John D. Dingell (MI)
Edward J. Markey (MA)
Eliot L. Engel (NY)
Gene Green (TX)
Lois Capps (CA)
Michael F. Doyle (PA)
Jane Harman (CA)
Henry A. Waxman (CA)

Subcommittee on Environment and the Economy

Jurisdiction: All matters relating to soil and water contamination; The regulation of solid, hazardous, and nuclear wastes; The regulation of industrial plant security; The regulation of drinking water; and, The regulation of toxic substances and noise.

Republicans

John Shimkus (IL) *Chair*
Tim Murphy (PA) *Vice Chair*
Ed Whitfield (KY)

Democrats

Gene Green (TX)
Tammy Baldwin (WI)
G. K. Butterfield (NC)

Joe Pitts (PA)

John Barrow (GA)

Mary Bono Mack (CA)

Doris O. Matsui (CA)

John Sullivan (OK)

Frank Pallone, Jr. (NJ)

Charlie Bass (NH)

Diana DeGette (CA)

Bob Latta (OH)

Lois Capps (CA)

Cathy McMorris Rodgers (WA)

John D. Dingell (MI)

Gregg Harper (MS)

Henry A. Waxman (CA)

Bill Cassidy (LA)

Cory Gardner (CO)

Joe Barton (TX)

Fred Upton (MI)

Richard S. Barkley, PE
Nuclear & Environmental Engineer
(610) 337-5065 Work
(610) 608-1517 Cell

Zabel, Joseph

From: Chang, James
Sent: Tuesday, March 15, 2011 9:45 AM
To: Zabel, Joseph
Subject: review a memo
Attachments: ML1107002312 rev 1.docx

Joe:

Could you review the attached short memo to Brian? Don't worry about the format.

James

Yung Hsien J. Chang, Ph.D.
Human Reliability Engineer
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Office: 301-251-7589
Fax: 301-251-7435
E-mail: James.Chang@nrc.gov

AD/272

Publically
Available
(since: 4/6/11)

MEMORANDUM TO: Brian W. Sheron, Director
Office of Nuclear Regulatory Research

THRU: Doug Coe, Acting Director
Division of Risk Analysis
Office of Nuclear Regulatory Research

FROM: Sean Peters, Chief
Human Factors and Reliability Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research

SUBJECT: ESTABLISH AN AGREEMENT WITH THE STP NUCLEAR
OPERATING COMPANY ON THE COLLECTION OF LICENSED
OPERATOR SIMULATOR TRAINING DATA

The STP Nuclear Operating Company (STPNOC) asked to collaborate with the U.S. Nuclear Regulatory Commission (NRC) on the collection and analysis of the STPNOC's licensed operator simulator training data for the improvement of NRC and STPNOCs' human reliability analysis (HRA). Because the data would be effective in informing HRA and the collaboration would benefit both parties, NRC staff suggests that we work with STPNOC on the collaboration.

A data method for collecting routine simulator training data would be developed based on the foundation built on prior works. The enclosed memorandum of understanding between NRC and STPNOC was jointly developed by the Office of Nuclear Regulatory Research and STPNOC staff. It also incorporated comments of the following NRC stakeholders:

- Office of Nuclear Reactor Regulation
 - Division of Inspection & Regional Support
 - Division of Operating Reactor Licensing

CONTACT: James Chang, RES/DRA
301-251-7589

B. Sheron

- 2 -

- Region IV
- Office of the General Counsel
- Office of Enforcement

Enclosures:

1. Letter to Mr. Edward Halpin on the agreement
Between the NRC and STPNOC
2. Agreement between the NRC and STPNOC

B. Sheron

- 2 -

- Region IV
- Office of the General Counsel
- Office of Enforcement

Enclosures:

1. Letter to Mr. Edward Halpin on the agreement
Between the NRC and STPNOC
2. Agreement between the NRC and STPNOC

CONTACT: James Chang RES/DRA/HFRB
301-251-7589

DISTRIBUTION:

MBoggi (NRR)	FBrown (NRR)	MCheek (NRR)	JGlitter (NRR)
RNelson (NRR)	TKolb (NRR)	MMarkley (NRR)	AMaryAnn (NRR)
UShoop (NRR)	MThadani (NRR)	AZoulis (NRR)	RCaniano (R-IV)
DLoveless (R-IV)	TPruett (R-IV)	VWalker (R-IV)	DFurst (OE)
GGulla (OE)	NHilton (OE)	NRiddick (OE)	RZimmerman (OE)
MMaxin (OGC)	DDesaulniers (NRO)	MJunge (NRO)	JKellum (NRO)
VBarnes (RES)	DCoe (RES)	SCooper (RES)	KCoyne (RES)
LCriscione (RES)	GDemoss (RES)	ELois (RES)	SShen (RES)
NSiu (RES)	MStutzke (RES)	JXing (RES)	DRA r/f

ADAMS Accession No.: ML110700226

OFFICE	RES/DRA/HFRB	Tech Editor	RES/DRA/HFRB	NRR	R-IV
NAME	J. Chang	J. Zabel (via email)	S. Peters	J. McHale (via email)	M. Haire (via email)
DATE	/ /11	10/27/10	/ /11	2/28/11	2/25/11
OFFICE	OE	OGC	RES/DRA	RES	
NAME	A. Campbell (via email)	R. Baum (via email)	D. Coe	B. Sheron	
DATE	3/4/11	3/10/11	/ /11	/ /11	/ /10

OFFICIAL RECORD COPY

Dean, Bill

From: Dean, Bill
Sent: Tuesday, March 15, 2011 9:52 AM
To: Matakas, Gina
Subject: Re: Do we have a point of contact in the Region while you are at the retreat? Any thoughts on the RA morning meeting?

Since we are so close, you can get us here if needed.

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Matakas, Gina
To: Dean, Bill
Sent: Tue Mar 15 07:50:16 2011
Subject: Do we have a point of contact in the Region while you are at the retreat? Any thoughts on the RA morning meeting?

From: Grobe, Jack
To: Lubinski, John
Subject: Re: schedule
Date: Tuesday, March 15, 2011 10:05:46 AM

Tks
Jack Grobe, Deputy Director, NRR

From: Lubinski, John
To: Grobe, Jack
Cc: Thomas, Brian; Cohen, Shari; Schwarz, Sherry
Sent: Tue Mar 15 09:40:05 2011
Subject: schedule

Jack,

I'm in the office this morning and in op center 3-11 this afternoon (3/15). Not sure of schedule rest of week with op center. When out, Brian will be here. Brian will be out Friday and I will be in office Friday.

AD/274

From: Thomas, Brian
To: Case, Michael; Lubinski, John; Csontos, Aladar; Bergman, Thomas; Richards, Stuart
Subject: RE: Engineering Division Director Technical Consistency Meeting
Date: Tuesday, March 15, 2011 10:08:41 AM

All,

I talked w/John and based on Mike Case's suggestion, lets cancel the meeting.

Mike - I'll call you on a separate matter being worked thru Rob Tregoning.

Thanks ...brian

From: Case, Michael
Sent: Tuesday, March 15, 2011 9:44 AM
To: Lubinski, John; DCI_CALENDAR Resource; Csontos, Aladar
Cc: Bergman, Thomas; Thomas, Brian; Richards, Stuart
Subject: RE: Engineering Division Director Technical Consistency Meeting

Al was going to go for me. Do you think we should just cancel?

From: Lubinski, John
Sent: Tuesday, March 15, 2011 9:03 AM
To: DCI_CALENDAR Resource
Cc: Case, Michael; Bergman, Thomas; Thomas, Brian
Subject: RE: Engineering Division Director Technical Consistency Meeting

Brian will be attending for DCI

-----Original Appointment-----

From: Hiland, Patrick **On Behalf Of** DCI_CALENDAR Resource
Sent: Tuesday, March 15, 2011 9:03 AM
To: Lubinski, John
Cc: Case, Michael; Bergman, Thomas
Subject: FW: Engineering Division Director Technical Consistency Meeting
When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-OWFN-08B06-12p

John, Dave is in IRC and I'm telework today since I have mid watch. I'll not attend today's Eng Mtg.

-----Original Appointment-----

From: DCI_CALENDAR Resource
Sent: Monday, December 06, 2010 8:24 AM
To: Evans, Michele; Hiland, Patrick; Case, Michael; Bergman, Thomas; DCI_CALENDAR Resource; HQ-OWFN-09B02-12p
Cc: Lubinski, John; Skeen, David; Dudes, Laura; Richards, Stuart; Correia, Richard; Thomas, Brian

AD/275

Subject: Engineering Division Director Technical Consistency Meeting

When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: HQ-OWFN-08B06-12p

When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).

Where: HQ-OWFN-08B06-12p

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

****Meeting location has changed from O-9B2 to O-8B6...2/28/11**

12/6/10

Kaydian Beckford,

Division
Administrative
Assistant

NRC/NRR/DCI

Location: O-9H6

(301)-415-2795

Fax: (301)-415-
2444

From: Jasinski, Robert
To: Zimmerman, Jacob; Boger, Bruce; Leeds, Eric
Subject: FYI: "Human Interest" Stories
Date: Tuesday, March 15, 2011 10:15:36 AM

Jake/Bruce/Eric:

FYI. Hope all is well....Bruce, I hope you're still running before the sun comes up!

We have begun a series of "human interest" stories in NRO about the outside-of-the-office activities/initiatives of our employees. We plan to run these types of stories every six to eight

weeks. Below, I have posted the link to the **second** article in the series, which was just added to our internal web site and has generated lots of positive feedback.

<http://nroweb1.nrc.gov/NRO/news/article.cfm?newsid=20110073>

In case you missed the **inaugural** story, you can access it at:

<http://nroweb1.nrc.gov/NRO/news/article.cfm?newsid=20110014>

I have already shared the articles and the concept with Christine and the other members of the Communications Council, but thought you may find them interesting.

Again, hope things are well. Regards, Bob.

AD/276

From: Murphy, Andrew
To: Case, Michael
Cc: Ake, Jon; Kammerer, Annie; Uhle, Jennifer; Graves, Herman
Subject: RE: NBC deadline question for NRC on seismic hazard estimates
Date: Tuesday, March 15, 2011 10:17:30 AM

Mike,

Yes

Andy

From: Case, Michael
Sent: Tuesday, March 15, 2011 10:10 AM
To: Murphy, Andrew
Cc: Ake, Jon; Kammerer, Annie; Uhle, Jennifer; Graves, Herman
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Andy, I'll be leaving shortly to go get some sleep. Can you take the lead on this, coordinate with Jon and Annie and run the answers thru the front office? Thanks.

From: Uhle, Jennifer
Sent: Tuesday, March 15, 2011 9:42 AM
To: Ake, Jon; Kammerer, Annie; Murphy, Andrew; Case, Michael
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Urgent can you look at these and provide answers back to me and Brian. Thanks, J

From: Hiland, Patrick
Sent: Tuesday, March 15, 2011 9:40 AM
To: Sheron, Brian
Cc: Uhle, Jennifer
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Brian, I'm on mids tonight so I'm tele-working this morning. I've asked George Wilson to contact cognizant RES and OPA to facilitate a response.

From: Bill Dedman [mailto:Bill.Dedman@msnbc.com]
Sent: Tuesday, March 15, 2011 9:06 AM
To: Manoly, Kamal; Sheron, Brian; Hiland, Patrick; OPA Resource
Subject: NBC deadline question for NRC on seismic hazard estimates

Good morning,

My name is Bill Dedman. I'm a reporter for NBC News and msnbc.com, writing an article today about:

SAFETY/RISK ASSESSMENT RESULTS FOR GENERIC ISSUE 199, "IMPLICATIONS OF
UPDATED PROBABILISTIC SEISMIC HAZARD ESTIMATES IN CENTRAL AND EASTERN
UNITED STATES ON
EXISTING PLANTS"

AD/277

I reached out to NRC Public Affairs yesterday but have not heard back, and my deadline is end-of-day today. I'm hoping to get on the phone today with someone from NRC to make sure I'm conveying this information accurately to the public. If nothing else, I'm hoping one of the technical people can help clarify the points below. My telephone number is 203-451-9995.

I've read Director Brian Sherron's memo of Sept. 2, 2010, to Mr. Patrick Hiland; the safety/risk assessment of August 2010; its appendices A through D; NRC Information Notice 2010-18; and the fact sheet from public affairs from November 2010.

I have these questions:

1. I'd like to make sure that I accurately place in layman's terms the seismic hazard estimates. I need to make sure that I'm understanding the nomenclature for expressing the seismic core-damage frequencies. Let's say there's an estimate expressed as "2.5E-06." (I'm looking at Table D-2 of the safety/risk assessment of August 2010.) I believe that this expression means the same as 2.5×10^{-6} , or 0.0000025, or 2.5 divided by one million. In layman's terms, that means an expectation, on average, of 2.5 events every million years, or once every 400,000 years. Similarly, "2.5E-05" would be 2.5 divided by 100,000, or 2.5 events every 100,000 years, on average, or once every 40,000 years. Is this correct?
2. These documents give updated probabilistic seismic hazard estimates for existing nuclear power plants in the Central and Eastern U.S. What document has the latest seismic hazard estimates (probabilistic or not) for existing nuclear power plants in the Western U.S.?
3. The documents refer to newer data on the way. Have NRC, USGS et al. released those? I'm referring to this: "New consensus seismic-hazard estimates will become available in late 2010 or early 2011 (these are a product of a joint NRC, U.S. Department of Energy, U.S. Geological Survey (USGS) and Electric Power Research Institute (EPRI) project). These consensus seismic hazard estimates will supersede the existing EPRI, Lawrence Livermore National Laboratory, and USGS hazard estimates used in the GI-199 Safety/Risk Assessment."
4. What is the timetable now for consideration of any regulatory changes from this research?

Thank you for your help.

Regards,

Bill Dedman

This e-mail message and attached documents are confidential; intended only for the named recipient(s) above and may contain information that is privileged, confidential, proprietary, and/or exempt from disclosure under applicable law. If the reader of this message is not the intended recipient, you are hereby notified that any unauthorized use, dissemination, distribution or copy of this communication is strictly prohibited. No waiver of privilege, confidence or otherwise is intended by virtue of this communication. If you have received this message in error, or are not the named recipient(s), please immediately notify the sender, destroy all copies and delete this e-mail message from your computer. Thank you.

From: Rivera-Lugo, Richard
To: Case, Michael; Graves, Herman
Subject: RE: DE Pending Training Actions
Date: Tuesday, March 15, 2011 10:21:41 AM

Thomas Weaver informed me yesterday that the ASCE will offer this course one more time in early May, so I guess that it will be a safer move to reschedule it. The new session will be held in Chicago.

Should I contact Deonna to ask her to change the dates and location for this SF-182?

Richie

-----Original Message-----

From: Case, Michael
Sent: Tuesday, March 15, 2011 10:19 AM
To: Graves, Herman; Rivera-Lugo, Richard
Subject: FW: DE Pending Training Actions

He guys, are we rescheduling this?

-----Original Message-----

From: Purdie, Deonna
Sent: Tuesday, March 15, 2011 7:08 AM
To: Case, Michael
Cc: Grancorvitz, Teresa
Subject: FW: DE Pending Training Actions

Mike, any update on rescheduling this training? Please advise, thank you

-----Original Message-----

From: Case, Michael
Sent: Wednesday, March 09, 2011 7:03 AM
To: Purdie, Deonna
Subject: RE: DE Pending Training Actions

Let me check with Rosemay/Herman. To me, it looks like a course that is offered on a periodic basis which would make it a good candidate to reschedule.

-----Original Message-----

From: Purdie, Deonna
Sent: Tuesday, March 08, 2011 2:14 PM
To: Grancorvitz, Teresa; Rini, Brett; Hogan, Rosemary
Cc: Case, Michael; Richards, Stuart
Subject: RE: DE Pending Training Actions

Based on the attached, what is the status of approving Richard Rivera-Lugo training?

-----Original Message-----

From: Grancorvitz, Teresa
Sent: Wednesday, March 02, 2011 9:30 AM
To: Koshy, Thomas
Cc: Rini, Brett; Purdie, Deonna; Hogan, Rosemary; Sydnor, Russell
Subject: DE Pending Training Actions

See attached.

Thanks,

AD/278

Teresa

-----Original Message-----

From: Case, Michael

Sent: Wednesday, March 02, 2011 7:26 AM

To: Grancorvitz, Teresa; Richards, Stuart

Cc: Rini, Brett; Purdie, Deonna; Hogan, Rosemary; Sydnor, Russell; Koshy, Thomas

Subject: RE: Scanned Documents

Sounds good. BCs can you take a look to see if these can be rescheduled out of the period of CR drama.

-----Original Message-----

From: Grancorvitz, Teresa

Sent: Tuesday, March 01, 2011 11:34 AM

To: Case, Michael; Richards, Stuart

Cc: Rini, Brett; Purdie, Deonna

Subject: FW: Scanned Documents

I received the attached 4 pending DSA training authorization this morning. I do not plan to commit funds for these training requests at this time unless I am notified that is it mission essential training and cannot be cancelled or rescheduled.

Thanks,
Teresa

-----Original Message-----

From: HQ-RESKODA100-02@100.59 [<mailto:HQ-RESKODA100-02@100.59>]

Sent: Tuesday, March 01, 2011 11:02 AM

To: Grancorvitz, Teresa

Subject: Scanned Documents

Kodak Scan Station
v3.0.0.5

Zabel, Joseph

From: Ramadan, Liliana
Sent: Tuesday, March 15, 2011 10:45 AM
To: Zabel, Joseph
Subject: RE: Quick QTE needed for RG

Hi Joe,

Thank you very much for the quick turnaround. I really appreciate it. Thanks,

Lily Ramadan
Project Manager-Electrical Engineering Branch
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20850
301-251-7642

From: Zabel, Joseph
Sent: Friday, March 11, 2011 3:39 PM
To: Ramadan, Liliana
Subject: RE: Quick QTE needed for RG

Hi Lily:

I have attached my edited redline (.red) and final corrected (.cor) versions of the RG for your review and distribution. Please note my highlighted question on page 5. Also, the page numbering needs to be fixed (i.e., every page is numbered 2.

Please feel free to call me with any questions or concerns.

Thanks,

Joe

Joe Zabel
Senior Program Analyst/Technical Editor
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
PMDA/Document Control Branch
joseph.zabel@nrc.gov
06D05

From: Ramadan, Liliana
Sent: Thursday, March 10, 2011 3:31 PM
To: Zabel, Joseph

AD/279

- **Subject:** Quick QTE needed for RG
- **Importance:** High

Joe,

Thank you very much for all your assistance. I just need to ask you for one more favor if you can you provide a quick turnaround technical editing for the attachment by Monday, March 14, 2011. The RGB needs this RG by the end of next week and it's been sitting on someone's desk for awhile. No names and I'm sure I wore out my favors with you after this RG.

Lily Ramadan

Project Manager-Electrical Engineering Branch
U.S. Nuclear Regulatory Commission
11555 Rockville Pike
Rockville, MD 20850
301-251-7642

From: [Oklesson, Edward](#)
To: [Williams, Michelle](#)
Cc: [Case, Michael](#)
Subject: RE: Action: Draft for review - Technical Assistant GG-14 Vacancy
Date: Tuesday, March 15, 2011 10:54:31 AM

Michelle,

I found out that Stu is out on AL this week. If he did not get back to you on the Adm Assist and the TA posting (final review), you should post both as soon as possible.

Thanks,
Ed

From: Williams, Michelle
Sent: Tuesday, March 08, 2011 11:43 AM
To: Richards, Stuart
Cc: Oklesson, Edward
Subject: Action: Draft for review - Technical Assistant GG-14 Vacancy
Importance: High

Hi Stu,

I have attached a draft for you to review of the Technical Assistant vacancy in your division. The questions are in a separate document. Please let me know if you would like to make changes before posting. Also, please let me know if you would like to include any type of specialized experience in the announcement. It was not listed in the vacancy package, so I assumed that you wanted to target a general audience among the NRC technical population by excluding this information. If this was not the intent, please let me know.

Thanks,

Michelle Williams
Human Resources Specialist
Office of Human Resources
US Nuclear Regulatory Commission
Email: michelle.williams@nrc.gov
Fax: 301-251-7427



AD/280

From: [Bonaccorso, Amy](#)
To: [Case, Michael](#); [Ali, Syed](#)
Cc: [Hogan, Rosemary](#); [Graves, Herman](#); [Donaldson, Leslie](#); [Valentin, Andrea](#); [Kardaras, Tom](#)
Subject: RE: 9-11 Commemoration Panel - NSIR - Need Speaker/Presentation Description
Date: Tuesday, March 15, 2011 10:56:53 AM
Attachments: [RE 9-11 Commemoration Panel - NSIR - Need SpeakerPresentation Description.msg](#)

Thanks Mike:

Attached is an email response from Brian that Syed and Rosemary didn't see.

Thanks,

Amy

From: Case, Michael
Sent: Tuesday, March 15, 2011 10:54 AM
To: Ali, Syed
Cc: Hogan, Rosemary; Bonaccorso, Amy; Graves, Herman
Subject: FW: 9-11 Commemoration Panel - NSIR - Need Speaker/Presentation Description

Hi Syed. Can you take the lead for this? I'm sure Herman can consult and Rosemary would be in on Friday.

From: Bonaccorso, Amy
Sent: Monday, March 14, 2011 9:30 AM
To: Case, Michael
Cc: Richards, Stuart; Donaldson, Leslie; Valentin, Andrea; Kardaras, Tom; Sheron, Brian; Uhle, Jennifer
Subject: 9-11 Commemoration Panel - NSIR - Need Speaker/Presentation Description

Good morning Mike:

NSIR is ready to establish a list of speakers and topics for their 9-11 seminar. I just got a tasker to reach out within RES and get a name of a potential speaker and also a sentence or two on what the presentation would be about.

So far, it sounded like NRR would probably focus on B5B, and NRO would focus on the Aircraft Impact Rule. This is not official yet - but this is the discussion I heard at the meeting this morning.

They seemed confident that RES would have something to contribute and I remember you having some ideas many months ago when this first came up. Charlie Tinkler's name came up in this meeting too. Do you have anything in mind? The first 9-11 planning meeting happened so long ago that I can't remember exactly what you (or Stu) proposed.

The tricky part is that the leads for this seminar specifically said that they'd like speakers who are senior level experts/non-supervisory. I expressed some concern over that because we can't always be sure that the person with the most expertise will be non-supervisory. For example, at the TMI Seminar, we had Brian and Gary speak.

They'd like a name and topic by early next week.

AD/281

I'm cc'ing Brian because he was on a lot of the email traffic leading up to the seminar and may also have some ideas on this.

Thanks,

Amy

Amy Bonaccorso
Senior Communications Specialist
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
301-251-7681
amy.bonaccorso@nrc.gov



Attachment RE 9-11 Commemoration Panel - NSIR - Need Spea.msg (2560 Bytes) cannot be converted to PDF format.

Murphy, Andrew

From: Murphy, Andrew
Sent: Tuesday, March 15, 2011 10:57 AM
To: Kammerer, Annie
Cc: Ake, Jon
Subject: Senator's Question

Annie,

Is the question about instrumentation in Indian Point NPP or in the vicinity? The USGS may not be the best source. The network operator at Lamont is probably better suited to address this issue.

Andy

From: Givvines, Mary
To: Leeds, Eric; Gorham, Tajuan
Subject: Re: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (NRR)
Date: Tuesday, March 15, 2011 11:02:34 AM

Sorry - I knew there was one more thing to tell you this morning. I didn't want to just forward you the email.

From: Leeds, Eric
To: Gorham, Tajuan
Cc: Givvines, Mary
Sent: Tue Mar 15 10:52:18 2011
Subject: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (NRR)

TJ – Since Mary won't do what I asked her, please take the lead and congratulate Sandra. Let me know when it's done. Thank you!!!!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Picon-Colon, Reinaldo
Sent: Monday, March 14, 2011 4:16 PM
To: Leeds, Eric
Cc: Cohen, Miriam; Tracy, Glenn; Shay, Jason; Virgilio, Martin
Subject: ACTION: Notification, NRC Distinguished & Meritorious Awards Recipients. (NRR)
Importance: High

Good Afternoon Mr. Leeds!

The Commission has approved this year's Distinguished & Meritorious awards recipients.

STEP 1:

Notify your award recipients immediately. Their names are:

- **Ashley, Mary Ann** - Distinguished Service Award
- **Scott, Michael** - Meritorious Service Award
- **Walker, Sandra** - Meritorious Service Award

STEP 2:

Reply to me by e-mail as soon as you have been able to notify them.

Once I receive your confirmation, I will then contact them to coordinate the follow-up process regarding photography, travel arrangements for family, etc. Usually, this process takes a significant amount of time, and it is required in order to prepare the Certificates, Special Lapel Pins, and brochures. So, I need to begin this process immediately.

AD/283

Your prompt response will be greatly appreciated.

Our 34th Annual Awards Ceremony will be held on ***Tuesday, June 14, 2011***, at the Bethesda North Marriott Hotel and Conference Center

1:00 pm - 2:00 pm	Pre-Ceremony Reception. (This is for awardees, their guests, Commissioners, and Office Directors)
2:00 pm - 3:00 pm	34 th Annual Awards Ceremony (This is for all employees)
3:00 pm - 4:30 pm	Post Ceremony Reception (This is for all employees)

Thank you in advance for your quick response.

Reinaldo "Rey" Picón-Colón
Project Manager & Coordinator of the Annual Awards Ceremony (June 14, 2011)
U.S. Nuclear Regulatory Commission (NRC)
Office of Human Resources (HR)
Program Management, Policy Development
and Analysis Staff (PMDA)

"We can't solve problems by using the same kind of thinking we used when we created them."
--Albert Einstein

Reinaldo.Picon-Colon@nrc.gov

1 (301) 492-2272 (office)

1 (301) 492-2241 (fax)

From: Kardaras, Tom
To: Case, Michael
Subject: RE: FYI: Follow-up on Focus Area Memo and report from meetings held
Date: Tuesday, March 15, 2011 11:24:57 AM

Thanks Mike!

Regards,
Tom Kardaras, Chief
Information Technology and Infrastructure Branch
Program Management, Policy Development and Analysis Staff
Office of Nuclear Regulatory Research
(o) 301-251-7667

From: Case, Michael
Sent: Tuesday, March 15, 2011 10:56 AM
To: Kardaras, Tom
Subject: RE: FYI: Follow-up on Focus Area Memo and report from meetings held

No problem. You've been doing a terrific job.

From: Kardaras, Tom
Sent: Monday, March 14, 2011 8:32 AM
To: Case, Michael
Subject: FYI: Follow-up on Focus Area Memo and report from meetings held

Mike,

I am planning to get the memo and report to you today so you can approve it for issuance to the front office. I apologize for taking so long.

Regards,
Tom Kardaras, Chief
Information Technology and Infrastructure Branch
Program Management, Policy Development and Analysis Staff
Office of Nuclear Regulatory Research
(o) 301-251-7667

AD/284

From: Case, Michael
To: Sheron, Brian; Uhle, Jennifer
Cc: Richards, Stuart
Subject: FW: FYI - Current Status of CR3
Date: Tuesday, March 15, 2011 11:29:00 AM

FYI.

From: Graves, Herman
Sent: Tuesday, March 15, 2011 11:11 AM
To: Case, Michael
Cc: Hogan, Rosemary
Subject: FW: FYI - Current Status of CR3

Mike,

Here's what we know about CR3 .

<<Herman>>

<<301.251.7625>>

mail to: Herman.Graves@nrc.gov

From: Khanna, Meena
Sent: Tuesday, March 15, 2011 11:05 AM
To: Graves, Herman
Cc: Farzam, Farhad; Thomas, George; Manoly, Kamal; Auluck, Rajender; Kuntz, Robert; Pham, Bo; Sheikh, Abdul
Subject: FYI - Current Status of CR3

From Region II PITA regarding Crystal River Unit 3 status:

Current Status: Tensioning is on hold. After completion of the first sequence (sequence 100 of 112) of Pass 11, the acoustic monitors at the upper level of Bay 5-6 began picking up a noise signal. The noise signals transitioned downward to the lower acoustic monitors. The signals from the three embeded strain gages in Bay 5-6 slowly increase then failed. Workers on the containment roof heard popping sounds. Workers outside of Bay 5-6 heard noise coming from the containment. The licensee implemented their contingency plan. Impulse response (IR) testing is ongoing and should be completed later on March 15. Laser scan measurements inside containment were completed last night. Preliminary IR results indicate a delamination in Bay 5-6 of which the extent is not yet determined. Bay 5-6 is adjacent to the spent fuel pool and contains the two transfer tubes. For the current Mode, containment integrity only relies on an intact containment liner. There is currently no impact on the spent fuel pool, however the licensee is still reviewing any potential impacts to the pool. The inspectors walked down the outside of Bay 5-6 and did not see any noticeable cracking. The inspectors will follow-up on the licensee's review with respect to the spent fuel pool.

Thanks,

Meena Khanna, Branch Chief
Mechanical and Civil Engineering Branch

AD/285

Division of Engineering
Office of Nuclear Reactor Regulation
(301)415-2150
meena.khanna@nrc.gov

Owen, Lucy

From: Castles, Debbie
Sent: Tuesday, March 15, 2011 11:34 AM
To: Collins, Elmo; Howell, Art; Kennedy, Kriss; Pruett, Troy; Vogel, Anton; Hay, Michael; Dumbacher, David; Groom, Jeremy; Miller, Geoffrey; Deese, Rick; Willoughby, Leonard; Yancey, Dawn; Dricks, Victor; Uselding, Lara; Herrera, Marisa; Fuller, Karla; Weil, Jenny; OEMAIL Resource
Subject: Memo - Callaway Plant
Attachments: CW DAFW Pump Bearing SI charter memo-RWD ML11074A023.pdf

Debbie Castles (Contractor)
Region IV
Division of Reactor Projects



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 9, 2011

MEMORANDUM TO: Michael Chambers, Resident Inspector
Projects Branch C
Division of Reactor Projects

James Polickoski, Project Manager
Plant Licensing Branch 4
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Laura Micewski, Project Engineer
Projects Branch A
Division of Reactors Projects

FROM: Kriss Kennedy, Director
Division of Reactor Projects

A handwritten signature in black ink, appearing to read "Kriss M. Kennedy", is written over the printed name and title.

SUBJECT: CHARTER FOR SPECIAL INSPECTION TO EVALUTE THE TURBINE
DRIVEN AUXILIARY FEEDWATER PUMP INADEQUATE BEARING
LUBRICATION AT THE CALLAWAY PLANT

In response to the discovery of inadequate Turbine Driven Auxiliary Feedwater Pump (TDAFW) bearing lubrication, a Special Inspection will be performed. You are hereby designated as the Special Inspection Team Leader. James Polickoski, NRR Project Manager, is designated as a team member. The Senior Reactor Analyst assigned to support the team is Mike Runyan. Laura Micewski, Project Engineer, is designated as a trainee for a developmental assignment.

A. Basis

On February 8, 2011, a sample of bearing oil from the TDAFW pump showed particulates in the oil. Upon further review, the licensee determined that the oil level was maintained at a level which did not allow proper lubrication of the pump bearing. The equipment likely had been in that configuration since the previous refueling outage, in June 2010.

A regional Senior Reactor Analyst (SRA) estimated the Maximum Conditional Core Damage Probability for this issue to be 2.1×10^{-5} /year, which is in the overlap region between a special inspection and an augmented inspection team. Based on available information, the NRC staff recommended performance of a special inspection. The special inspection activities will include information gathering to determine whether an augmented inspection is warranted, as well as inspections to understand the extent of condition, past operability, and to assess the adequacy of the licensee's corrective actions.

B. Scope

The team will address the following:

1. Throughout the inspection coordinate with the regional SRA to ensure the NRC response to the event is consistent with the potential safety significance.
2. Develop a complete sequence of events related to the discovery of the inadequate bearing lubrication and follow-up actions taken by the licensee.
3. Review operating experience involving bearing lubrication, and evaluate actions implemented at Callaway as a result of operating experience.
4. Review the current status of the licensee's root cause analysis and determine if it is being conducted at a level of detail commensurate with the significance of the problem.
5. Review the potential cause or causes of any design deficiencies and/or operating practices that allowed the oil level to be maintained at a less than appropriate level. In this review, ascertain the role of the Quality Control Department during this critical maintenance task. Independently verify key assumptions and facts. Interviews with key personnel involved in the oil level adjustment should be conducted in this effort.
6. Determine if (a) the licensee's immediate corrective actions have corrected the problem, (b) the licensee has addressed the extent of condition and extent of cause for insufficient lubrication of safety systems, and (c) whether these actions are adequate to prevent recurrence. In particular, determine if any other pump bearings may be improperly lubricated by reviewing the set-up of their oil bubblers.
7. Review the licensee's compliance with the Technical Specifications.
8. Verify the licensee met the proper reporting requirements of 10 CFR 50.72 and 10 CFR 50.73. Also determine if the licensee has plans to issue a Licensee Event Report to document this issue.
9. Evaluate the potential for any generic issues related to the discovery of the inadequate lubrication conditions and promptly communicate any potential generic issues to regional management.
10. In concert with the SRA, collect data as necessary to support a significance determination of issues.

C. Guidance

Inspection Procedure 93812, "Special Inspection," will be used during this inspection. The inspection should emphasize fact-finding in its review of the circumstance surrounding this event. It is not the responsibility of the team to examine the regulatory

process. Safety concerns identified that are not directly related to the event should be reported to the Region IV office for appropriate action.

The team will report to the site, conduct an entrance, and begin inspection no later than March 21, 2011. While onsite, you will provide daily status briefings to Region IV management, starting on Tuesday, March 22, 2011. Regional management will coordinate with the Office of Nuclear Reactor Regulation to ensure that all other parties are kept informed. The inspection results will be documented in Special Inspection Report 05000483/2011007. This report will be issued within 45 days of the completion of the inspection.

This charter may be modified should the team develop significant new information that warrants review. Should you have any questions concerning this guidance, contact Geoffrey.Miller@nrc.gov Geoffrey Miller at (817) 860-8141.

Electronic distribution by RIV:

Regional Administrator (Elmo.Collins@nrc.gov)Deputy Regional Administrator (Art.Howell@nrc.gov)DRP Director (Kriss.Kennedy@nrc.gov)DRP Deputy Director (Troy.Pruett@nrc.gov)DRS Director RIV (Anton.Vegel@nrc.gov)Branch Chief, DRS/TSB (Michael.Hay@nrc.gov)Senior Resident Inspector (David.Dumbacher@nrc.gov)Resident Inspector (Jeremy.Groom@nrc.gov)Branch Chief, DRP/B (Geoffrey.Miller@nrc.gov)Senior Project Engineer, DRP/B (Rick.Deese@nrc.gov)Senior Project Engineer, DRP/B (Leonard.Willoughby@nrc.gov)Administrative Assistant (Dawn.Yancey@nrc.gov)Public Affairs Officer (Victor.Dricks@nrc.gov)Public Affairs Officer (Lara.Uselding@nrc.gov)RITS Coordinator (Marisa.Herrera@nrc.gov)Regional Counsel (Karla.Fuller@nrc.gov)Congressional Affairs Officer (Jenny.Weil@nrc.gov)

OEMail Resource

File located: R: Reactors\CWMTDAFW Pump Bearing SI charter memo-RWD.docx ADAMS ML

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	RWD
Publicly Avail	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	RWD
C:DRP/PBB	C:DRP/PBB	D:DRP			
RDeese	GMiller	KKennedy			
/RA/	/RA/	/RA/			
3/2/11	3/2/11	3/9/11			

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

From: Wood, Jeffery
To: Lai, Sandra; Kuritzky, Alan; Shen, Song-hua; Demoss, Gary; Coyne, Kevin; Tobin, Margaret
Cc: Bone, Alysia; Marksberry, Don
Subject: RE: note takers for CCF workshop (3/22/2011 - 3/24/2011)
Date: Tuesday, March 15, 2011 11:36:31 AM

Maggie will be in training at the PDC during the workshop.

From: Lai, Sandra
Sent: Tuesday, March 15, 2011 11:33 AM
To: Wood, Jeffery; Kuritzky, Alan; Shen, Song-hua; Demoss, Gary; Coyne, Kevin; Tobin, Margaret
Cc: Bone, Alysia; Marksberry, Don
Subject: RE: note takers for CCF workshop (3/22/2011 - 3/24/2011)

Would Maggie be available to join the CCF workshop and take notes (part-time would help)?

From: Wood, Jeffery
Sent: Monday, March 14, 2011 5:31 PM
To: Kuritzky, Alan; Shen, Song-hua; Demoss, Gary; Coyne, Kevin
Cc: Bone, Alysia; Lai, Sandra; Marksberry, Don
Subject: RE: note takers for CCF workshop (3/22/2011 - 3/24/2011)

Song,
Since I will be acting branch chief for PRAB that week, my attendance at the CCF workshop will be limited.
I will try to attend as much as possible, but I won't be able to assist with the note taking.
Sorry, I did not realize that my acting duties overlapped with the workshop when you asked me earlier.

-Jeff

From: Kuritzky, Alan
Sent: Monday, March 14, 2011 1:59 PM
To: Shen, Song-hua; Demoss, Gary; Coyne, Kevin
Cc: Bone, Alysia; Wood, Jeffery; Lai, Sandra; Marksberry, Don
Subject: RE: note takers for CCF workshop (3/22/2011 - 3/24/2011)

Song,

Jeff and Alysia can assist you at the workshop.

Alan

From: Shen, Song-hua
Sent: Monday, March 14, 2011 1:19 PM
To: Kuritzky, Alan; Demoss, Gary; Coyne, Kevin
Cc: Bone, Alysia; Wood, Jeffery; Lai, Sandra; Marksberry, Don
Subject: note takers for CCF workshop (3/22/2011 - 3/24/2011)

Alan, Gary, and Kevin,

We are going to have a CCF workshop from 3/22 – 3/24. The purpose of this workshop is

AD/287

to collect all CCF related problems in Event Assessment, CCF methodology, SPAR Models, SAPHIRE, and CCF data collection, and to try to find the short term and long term solutions.

The workshop may need three (or more) note takers to take the notes during the meetings. I have talked to Sandy, Alysia, and Jeff. They are available to help the workshop to take the notes. However, they need your approval to do this job. Would you please send your decision to me and c.c. to them?

Thanks

Song-Hua Shen, Ph.D., PE.
Sr. Reliability & Risk Analyst
U.S. Nuclear Regulatory Commission
RES/DRA/PRB
301-251-7571
M/S: CSB-4A07M
Song-Hua.Shen@nrc.gov

Owen, Lucy

From: R4_Calendar Resource
Sent: Tuesday, March 15, 2011 11:40 AM
To: Collins, Elmo
Subject: FW: COLUMBIA Public Meeting
Attachments: COLUMBIA Public Meeting

Owen, Lucy

Subject: COLUMBIA Public Meeting
Location: TCR (laq)
Start: Mon 3/28/2011 7:30 AM
End: Mon 3/28/2011 11:00 AM
Recurrence: (none)
Organizer: R4_Calendar Resource

Per Laura Micewski and Wayne Walker, Columbia management may travel on Sunday to support a public meeting on Monday morning, 3/28/2011. Blocking off this 3 hour timeframe until Columbia confirms the time.

Lisa A. Quayle
Administrative Assistant
Division of Reactor Projects
Region IV
817-860-8184



Please consider the environment before printing this e-mail.

From: Coyne, Kevin
To: Coe, Doug; Correia, Richard
Cc: Drouin, Mary; Helton, Donald; Marksberry, Don; Demoss, Gary
Subject: FW: SRM
Date: Tuesday, March 15, 2011 11:44:39 AM
Attachments: SRM-11-0014.docx

Doug, Rich -

Head's up on the containment accident pressure SRM. Note the second paragraph requesting better guidance for defense in depth in RG 1.174 and other related guidance documents.

I would think we would want to continue moving forward on issuing the most recent in-progress revision to 1.174 (which we recently briefed the ACRS on) since this was largely intended to ensure consistency with the March 2009 issuance of RG 1.200 and this defense-in-depth guidance effort could turn out to be a significant effort...

Kevin

From: Lui, Christiana
Sent: Tuesday, March 15, 2011 10:49 AM
To: Coyne, Kevin
Subject: SRM

AD/289

March 15, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary **/RA/**

SUBJECT: STAFF REQUIREMENTS – SECY-11-0014 – USE OF
CONTAINMENT ACCIDENT PRESSURE IN ANALYZING
EMERGENCY CORE COOLING SYSTEM AND CONTAINMENT
HEAT REMOVAL SYSTEM PUMP PERFORMANCE IN
POSTULATED ACCIDENTS

The Commission has approved the staff's recommended Option 1. The staff should evaluate current extended power uprate (EPU) applications, as well as future applications for new or increased credit for containment accident pressure (CAP), consistent with staff practice in implementing the current risk review guidance (Standard Review Plan Section 19.2), including the review of nonrisk-informed applications such as EPUs and the recently-developed deterministic guidance based on recommendations of the Advisory Committee on Reactor Safeguards (ACRS) to include uncertainty and margins in CAP calculations.

Because the statements in Regulatory Guide 1.174 are subject to different interpretations, the staff should revise this guide using precise language to assure that the defense-in-depth philosophy is interpreted and implemented consistently. To the extent that other regulatory guidance refers to defense in depth, the relevant documents should be updated also, as appropriate.

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
OGC
CFO
OCA
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR

From: [Correia, Richard](#)
To: [Coyne, Kevin](#); [Coe, Doug](#)
Cc: [Stutzke, Martin](#); [Siu, Nathan](#)
Subject: RE: SRM - Another one coming your way
Date: Tuesday, March 15, 2011 11:53:20 AM

Thx Kevin. Will this be a DRA action or shared among other Divisions/Offices?

From: Coyne, Kevin
Sent: Tuesday, March 15, 2011 11:44 AM
To: Coe, Doug; Correia, Richard
Cc: Stutzke, Martin; Siu, Nathan
Subject: FW: SRM - Another one coming your way

Doug, Rich –

Another head's up from Chris – this one on the expert judgment in regulatory decision making...

Kevin

From: Lui, Christiana
Sent: Tuesday, March 15, 2011 11:14 AM
To: Coyne, Kevin
Subject: SRM - Another one coming your way

AD/290

From: Borchardt, Bill
To: Leeds, Eric
Cc: Taylor, Renee; Weber, Michael; Sheron, Brian; Uhle, Jennifer; Boger, Bruce; Ruland, William
Subject: Re: Charlie Tinkler will support the Chairman
Date: Tuesday, March 15, 2011 11:58:59 AM

Thanks Eric. I will already be downtown. I suggest that Charlie take metro today since the meeting will be next to union station.

Bill Borchardt
Via blackberry

From: Leeds, Eric
To: Borchardt, Bill
Cc: Taylor, Renee; Weber, Michael; Sheron, Brian; Uhle, Jennifer; Boger, Bruce; Ruland, William
Sent: Tue Mar 15 11:36:07 2011
Subject: Charlie Tinkler will support the Chairman

Bill –

RES will supply Charlie Tinkler for this afternoon's activities with the Chairman and tomorrow's briefings on the hill. We'll have him contact Rene to get travel info – so he will travel with you this afternoon. Big thanks to Jennifer for making this happen!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/291

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Tuesday, March 15, 2011 12:02 PM
To: Ibarra, Jose
Cc: Hudson, Daniel
Subject: RE: ACTION: Senior Performance Official Mid-year Reviews - Due 3/21

Jose,

OEGIB has not had substantial interactions with any particular office so far this fiscal year. Thus, I have no input to offer.

Ben

From: Hudson, Daniel
Sent: Friday, March 11, 2011 10:53 AM
To: Beasley, Benjamin; Demoss, Gary; Ott, William; Peters, Sean; Salley, MarkHenry; Kuritzky, Alan
Cc: Coe, Doug; Coyne, Kevin; Hudson, Daniel; Ibarra, Jose
Subject: ACTION: Senior Performance Official Mid-year Reviews - Due 3/21

BCs:

We have now received our tasking to complete the mid-year Senior Performance Official (SPO) reviews of the other offices.

Please consider rating all of the offices with which you have had significant interactions to date during this fiscal year. When providing input, please use the attached template that includes guidance for developing supporting remarks and areas for improvement, and clearly identify the office you are rating. Please note that secondary assessments apply only to NSIR, SBCR, SECY, OCA, and OPA, and should include identification of your means of communications with that office (e.g., periodic coordination via meetings or teleconferences on specific projects).

An example of a good input is:

- Maintains excellent working relationship in specifying new user need requirements such as those for the thermal-hydraulic/neutronics modeling of transients in reactors with once through steam generators. Provides valuable feedback and constructive comments on RES products intended for NRO. Continues to enhance efficiency in model development process by securing data from licensees for extended power uprate plant decks. (DSA/CDB)

NOTE: If you have an area for improvement for any of the offices, we will need to ensure that an SES manager has discussed the matter with the receiving office SES prior to submitting the input. **Please notify Doug as soon as possible if you intend to submit an area for improvement.**

Please provide any input you have to Jose Ibarra **by COB on Monday, 3/21.**

Thanks,
Dan

Daniel W. Hudson
Technical Assistant
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis

From: Grobe, Jack
To: Givvines, Mary
Subject: Re: any word on the Executive Meritorious award selections?
Date: Tuesday, March 15, 2011 12:06:37 PM

Nope
Jack Grobe, Deputy Director, NRR

From: Givvines, Mary
To: Grobe, Jack
Sent: Tue Mar 15 12:02:24 2011
Subject: any word on the Executive Meritorious award selections?

Mary Givvines

*Director, Program Management, Policy Development and Analysis Staff
Office of the Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
(301) 415-1275; Mary.Givvines@nrc.gov*

AD/293

From: Karwoski, Kenneth
To: Lubinski, John
Cc: Thomas, Brian
Subject: Technical Consistency
Date: Tuesday, March 15, 2011 12:06:38 PM

John,

As you may know, there was an effort looking at assessing our interface on topical reports.

The group is finishing their effort and I believe they will be recommending (1) that the Tech Consistency office instruction be expanded to discuss the role of project managers at ensuring technical consistency and (2) that the Topical Report office instruction be modified to provide more guidance to PMs regarding interfaces with other offices.

I don't have a problem with their recommendation, but it will involve modifying this Office Instruction (i.e., resource expenditure).

I am letting you know for information. If you have any concerns, please let me know.

Thanks,

Ken

AD/294

From: Rodriguez, Veronica
To: Grobe, Jack
Subject: RE: Prep. for 3/17 & 3/30 CNS Meeting w/Chairman
Date: Tuesday, March 15, 2011 12:08:55 PM

No problem. I'll keep you posted.

From: Grobe, Jack
Sent: Tuesday, March 15, 2011 12:08 PM
To: Rodriguez, Veronica
Subject: Re: Prep. for 3/17 & 3/30 CNS Meeting w/Chairman

I will be in the Ops Center 3 to 11
Jack Grobe, Deputy Director, NRR

From: Rodriguez, Veronica
To: Skeen, David; Grobe, Jack; Jones, Andrea; Quinones, Lauren; Regan, Christopher
Cc: Schwartzman, Jennifer
Sent: Tue Mar 15 11:31:47 2011
Subject: RE: Prep. for 3/17 & 3/30 CNS Meeting w/Chairman

All,

For info ... Bill has been called to do a briefing on the Hill (last minute request). We are not sure he'll be able to make it back on time for our meeting at 4pm. Bill won't be able to support a meeting tomorrow; therefore, our plan is to keep the meeting as scheduled. Hopefully he'll make it. If he doesn't I'll exchange emails with him tomorrow to obtain guidance for our meeting with the Chairman on Thurs.

More to come,

Veronica

-----Original Appointment-----

From: Borchardt, Bill
Sent: Thursday, March 10, 2011 8:30 AM
To: Borchardt, Bill; Rodriguez, Veronica; Skeen, David; Grobe, Jack; Schwartzman, Jennifer; Doane, Margaret; Jones, Andrea; Quinones, Lauren; Regan, Christopher
Subject: Prep. for 3/17 & 3/30 CNS Meeting w/Chairman
When: Tuesday, March 15, 2011 4:00 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-17H1

When: Tuesday, March 15, 2011 4:00 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).

Where: O-17H1

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

AD/295

From: Abdallah.AMRI@oecd.org
To: Wood, Jeffery; gabriel.georgescu@irsn.fr; shhan2@kaeri.re.kr; bareith@nubiki.hu; burgazzi@enea.it; kurisaka.kennichi@jaea.go.jp; jeanne-marie.lanore@irsn.fr; tongjj@tsinghua.edu.cn; Reino.Virolainen@stuk.fi
Cc: Siu, Nathan; Coyne, Kevin
Subject: RE: Workshop on PSA for new and advanced reactors
Date: Tuesday, March 15, 2011 12:10:23 PM

Dear Jeff,

Thank you very much for your answer.

With my best regards.

From: Wood, Jeffery [mailto:Jeffery.Wood@nrc.gov]
Sent: Tuesday, March 15, 2011 16:47
To: AMRI Abdallah, NEA/SURN; gabriel.georgescu@irsn.fr; shhan2@kaeri.re.kr; bareith@nubiki.hu; burgazzi@enea.it; kurisaka.kennichi@jaea.go.jp; jeanne-marie.lanore@irsn.fr; tongjj@tsinghua.edu.cn; Reino.Virolainen@stuk.fi
Cc: Siu, Nathan; Coyne, Kevin
Subject: RE: Workshop on PSA for new and advanced reactors

Abdallah,

NRC agrees with your proposal to accept all abstracts.

Jeffery Wood
U.S. Nuclear Regulatory Commission
RES / DRA / PRAB
Office: CSB 4-C02
Mail stop: CSB 4-C07M
phone: 301-251-7588

From: Abdallah.AMRI@oecd.org [mailto:Abdallah.AMRI@oecd.org]
Sent: Tuesday, March 08, 2011 8:27 AM
To: gabriel.georgescu@irsn.fr; shhan2@kaeri.re.kr; bareith@nubiki.hu; burgazzi@enea.it; kurisaka.kennichi@jaea.go.jp; jeanne-marie.lanore@irsn.fr; tongjj@tsinghua.edu.cn; Reino.Virolainen@stuk.fi; Wood, Jeffery
Cc: Siu, Nathan
Subject: Workshop on PSA for new and advanced reactors

Dear Organizing Committee Members,

Attached please find the list of the abstracts or commitments for presentation during the Workshop. As you can see we have 34 presentations to be made during the workshop with a quite good balance between new and advanced reactors. I think this number of presentations will allow to have three full day workshop.

Since we are committed to inform the authors about the acceptance of their abstract by 18 March 2011 (only 10 days from now) and considering that the workshop is a technical meeting where we

AD/296

would like to gather opinions, approaches and experiences, I would suggest to accept all the abstracts.

In your quality of members of the Organizing Committee, you are kindly requested to inform the NEA Secretariat about your acceptance or rejection of this proposal at your earliest convenience but not later than 11 March 2011.

Thank you very much for your cooperation.

With my best regards.

From: Grobe, Jack
To: McCree, Victor; Leeds, Eric
Cc: Boger, Bruce; Virgilio, Martin; Wert, Leonard; Hiland, Patrick
Subject: Re: CR has stopped re-tensioning
Date: Tuesday, March 15, 2011 12:12:11 PM

Let us know how we can help.
Jack Grobe, Deputy Director, NRR

From: McCree, Victor
To: Leeds, Eric
Cc: Grobe, Jack; Boger, Bruce; Virgilio, Martin; Wert, Leonard
Sent: Mon Mar 14 17:35:36 2011
Subject: FW: CR has stopped re-tensioning

Eric,

This may fit in the category of "when it rains, it pours...." But, as noted below, Crystal River heard an audible noise as they were tensioning containment today, so they stopped the tensioning process to investigate. In addition, acoustic monitors detected this noise and strain gage indications were lost on Bay 5-6.

Depending on what the licensee finds from its investigation, we may need to advance and expand the additional inspections that we had scheduled for next week. We'll also take a hard look at this to see if it merits a postponement of next week's public meeting.

More to come....

Vic

From: Rich, Daniel
Sent: Monday, March 14, 2011 3:50 PM
To: Croteau, Rick; Jones, William
Subject: CR has stopped re-tensioning

Rick/Bill

CR personnel detected an externally audible noise during the first sequence of the final pass, Pass 11. The containment acoustic monitors identified an unusual noise signature in Bay 5-6. The indications from embedded strain gages in Bay 5-6 were lost.

The licensee has stopped tensioning to analyze the indications.

Dan

AD/297

From: Leeds, Eric
To: Boger, Bruce
Subject: RE: I informed VY that License Renewal Issuance is delayed
Date: Tuesday, March 15, 2011 12:38:00 PM

Thank you!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Boger, Bruce
Sent: Tuesday, March 15, 2011 11:21 AM
To: Leeds, Eric
Subject: FW: I informed VY that License Renewal Issuance is delayed

Done

From: Holian, Brian
Sent: Tuesday, March 15, 2011 11:08 AM
To: Galloway, Melanie; Dean, Bill; Boger, Bruce
Cc: Pham, Bo; Kuntz, Robert; Burnell, Scott; Spencer, Mary; Dacus, Eugene
Subject: I informed VY that License Renewal Issuance is delayed

I just called Entergy and informed them that we would NOT be issuing VY LR this week.

Entergy understood that HQ needs time to continue to work a Communication package for such significant licensing actions as this.

- Brian

AD/298

From: Santiago, Patricia
To: Coe, Doug; Gibson, Kathy; Hudson, Daniel; Scott, Michael; Coyne, Kevin; Stutzke, Martin
Cc: Tinkler, Charles; Armstrong, Kenneth; Ghosh, Tina
Subject: RE: Commission Briefing Scheduling Note/Seating
Date: Tuesday, March 15, 2011 12:38:01 PM

OK, I will be providing Charlie a draft of what we have done by the end of the week since we were going to ask for his review. Dan was going to send a shell of what he has so I can begin integrating, and Marty/Dan were going to send their drafts Monday so we can continue to integrate.

Thus far, Charlie has only been generally aware that I was drafting this paper at the end of last week. He has been heavily involved in the op center late last week and the last few days.

Thanks

From: Coe, Doug
Sent: Tuesday, March 15, 2011 12:26 PM
To: Gibson, Kathy; Santiago, Patricia; Hudson, Daniel; Scott, Michael; Coyne, Kevin; Stutzke, Martin
Subject: RE: Commission Briefing Scheduling Note/Seating

I tend to agree with Kathy, presuming that the paper has already been put before the Commission. That's a key assumption. If it is true, the Commission meeting then provides the SLS an opportunity to get directly to any technical areas or questions of particular interest to the Commissioners.

From: Gibson, Kathy
Sent: Tuesday, March 15, 2011 11:51 AM
To: Santiago, Patricia; Hudson, Daniel; Coe, Doug; Scott, Michael; Coyne, Kevin; Stutzke, Martin
Subject: RE: Commission Briefing Scheduling Note/Seating

Why aren't Marty and Charlie at the table doing the briefing? The Commissioners don't want to hear from management, they want to hear from the most knowledgeable people doing the work. Doug and I (as well as the BCs and Dan) can sit in the well.



From: Santiago, Patricia
Sent: Tuesday, March 15, 2011 11:47 AM
To: Hudson, Daniel; Gibson, Kathy; Coe, Doug; Scott, Michael; Coyne, Kevin; Stutzke, Martin
Subject: Commission Briefing Scheduling Note/Seating

Dan and I just met to review based on comments.

AD/299

Attached is the latest note for today's discussion. The topics were generalized in order to eliminate need to revise thru SECY and allow us some flexibility as we develop the slides/paper.

Time for DSA is now 15 min and DRA is 25 minutes. Where do we want Charlie and Marty to sit? At the table or behind the speakers.

We removed the external panel but Dan will include it in the email to EDO/SECY.

External Panel

0

mins.*

Based on participation in external stakeholder engagement activities to elicit views and concerns as part of the SECY paper development process, the staff believes an external panel for the proposed Commission meeting is not necessary.

Thanks,

Pat

Patricia A. Santiago
Chief, Special Projects Branch
Division of Systems Analysis
Office of Nuclear Regulatory Research
Phone- 301-251-7982
Fax- 301-251-7426
Patricia.Santiago@nrc.gov

From: Leeds, Eric
To: Cianci, Sandra
Subject: RE: Marty's Coverage Status/Delegation of Authority
Date: Tuesday, March 15, 2011 12:42:00 PM

Got it – thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Cianci, Sandra
Sent: Tuesday, March 15, 2011 11:03 AM
To: Taylor, Renee; Garland, Stephanie; Hasan, Nasreen; Johnson, Michael; Sprogeris, Patricia; Leeds, Eric; Wiggins, Jim; Schwarz, Sherry; Salus, Amy; Satorius, Mark; Dean, Bill; McCree, Victor; Matakas, Gina; Buckley, Patricia; Collins, Elmo; Owen, Lucy; Ash, Darren
Cc: Wittick, Brian; Sanfilippo, Nathan; Andersen, James; Merzke, Daniel; Virgilio, Martin; Muessle, Mary
Subject: Marty's Coverage Status/Delegation of Authority

For the remainder of the week, Marty is working the night shift at the Ops Center (6pm-6am).

Mike Johnson will be acting effective today, 3/15 through Thursday 3/17. Eric Leeds will act on Friday 3/18.

Marty's Delegation of Authority to follow.

Thank you

Sandy Cianci
Administrative Assistant to Marty Virgilio, DEDR
Office of the Executive Director for Operations
O-17 H13
301-415-1714
sandra.cianci@nrc.gov

AD/300.

From: Titus, Brett
To: Bailey, Stewart; Casto, Greg; Clifford, Paul; Collins, Timothy; Dennig, Robert; Mendiola, Anthony; Ulises, Anthony
Cc: Bahadur, Sher; Ruland, William
Subject: FW: User Need Meeting - DCI Objectives and Requirements
Date: Tuesday, March 15, 2011 12:47:46 PM
Attachments: NRR and RES User Need Status Meetings 2 Mar 2011.docx

Attached you will find a document which contains DCI's guidance on their periodic User Need meetings. This method and the defined roles/responsibilities have worked very well for them and is being distributed for your information/awareness.

I could definitely see DSS moving toward this same type of format, so your thoughts on the issue are welcome.

Thanks,

Brett Titus
301-415-3075

From: Cusumano, Victor
Sent: Tuesday, March 15, 2011 11:59 AM
To: Titus, Brett; Roquecruz, Carla; Scales, Kerby; Heida, Bruce; Susco, Jeremy
Subject: User Need Meeting - DCI Objectives and Requirements

Michele Evans asked that I share this with you. This is the meeting objectives and requirements we use when scheduling periodic user needs meetings with RES. She mentioned that your divisions were interested in this document when it was complete.

This was started by my predecessor, and just updated with comments from Mike Case.

Our next round of meetings will begin in April and run through June-July.

Regards,

Vic

VICTOR CUSUMANO
TECHNICAL ASSISTANT
NRR/DCI
Phone: 301.415.4011
Location: 0-09C10

AD/301

NRR and RES User Need Status Meetings

Objectives and Requirements



Meeting Objectives: To provide NRR and RES Management an update on the progress being made for active User Needs. To ensure alignment between NRR and RES on the direction of active User Needs. To provide a forum to resolve issues surrounding active User Needs. In addition, these meetings allow for a better understanding of budget requirements for each User Needs to assist with budget formulation and execution and discussion of issues requiring Division/Office decisions or actions.

Meeting Frequency: Each User Need status will be presented on a semiannual frequency.

Presentation Requirements: Presentations are to be made by NRR and/or RES User Need technical contacts. Microsoft PowerPoint Presentations are not required. However, the presentation should be structured in a way to provide the best possible update to Management. Key content should include accomplishments, issues requiring attention, challenges, and funding

issues. A copy of the User need deliverables and schedule milestones from the RES User Need/Work Request SharePoint Site should be obtained for the participants.

Participation Requirements: Due to the difficulty of scheduling these meetings, at a minimum either the Division Director **or** Deputy Division Director from NRR **and** RES should attend. In addition, both NRR and RES User Need Contact should attend to present the status. Branch Chiefs are not required to be in attendance due to eliminating a layer of difficulty in scheduling these meetings; however, they are encouraged to discuss key messages with their staff prior to the meeting. It is the responsibility of those parties who should be represented (Management and Contacts) to coordinate and ensure adequate meeting coverage. In addition, all Senior Level Advisor from NRR **and** RES should be in attendance. Meetings should also be open to others across the divisions to provide an opportunity to gain a better understanding of the office NRR/RES interactions.

Participant Roles and Responsibilities:

- Division Management will assist staff in setting direction and resolving issues surrounding active User Needs by providing clear expectations and decisions. Will also lead discussion regarding budget issues as appropriate.

- User Need Contacts will provide a semiannual status of their User Needs; provide necessary materials for meeting; identify potential issues, needed decisions, and funding issues; and coordinate with DCI Administrative staff to reschedule meetings.
- Branch Chiefs may also assist staff with setting direction and resolving issues surrounding active User Needs.
- Senior Level Advisors will provide assistance surrounding the importance of the technical issues and ensuring a perspective of the technical issues across their division and office.

Rescheduling Requirements: All User Need meetings are scheduled at the beginning of the Fiscal Year in order to reserve space and provide a place holder on the calendar of those required to attend. It is the responsibility of the Contacts to identify and coordinate the need to reschedule the meeting with a DCI Administrative Assistant in a timely manner (if possible, 3 weeks in advance).

From: Lubinski, John
To: Cusumano, Victor
Cc: Hardies, Robert; Lupold, Timothy
Subject: FW: DELIVERY OF xLPR VERSION 1.0 REPORT - TECHNICAL BASIS AND PILOT STUDY PROBLEM RESULTS
Date: Tuesday, March 15, 2011 12:48:00 PM
Attachments: ML110660278.APK

Get any ticket assigned to Bob.

From: Lorette, Phillip
Sent: Tuesday, March 15, 2011 12:17 PM
To: Lubinski, John
Cc: Lupold, Timothy; Hardies, Robert; Collins, Jay; Hiser, Allen; Norato, Michael; Terao, David; Tsao, John; Tregoning, Robert; RES_DE_CIB; Bergman, Thomas; Dixon-Herrity, Jennifer
Subject: DELIVERY OF xLPR VERSION 1.0 REPORT - TECHNICAL BASIS AND PILOT STUDY PROBLEM RESULTS

March 15, 2011

MEMORANDUM TO: John W. Lubinski, Acting Director
Division of Component Integrity
Office of Nuclear Reactor Regulation

FROM: Michael J. Case, Director */RA/*
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: DELIVERY OF xLPR VERSION 1.0 REPORT - TECHNICAL
BASIS AND PILOT STUDY PROBLEM RESULTS

AD/302

Attachment ML110660278_1.APK (107 Bytes) cannot be converted to PDF format.

From: Borchardt, Bill
To: Leeds, Eric
Subject: Re: FYI: VY License renewal to be delayed
Date: Tuesday, March 15, 2011 12:56:25 PM

Thanks
Bill Borchardt
Via blackberry

From: Leeds, Eric
To: Borchardt, Bill; Virgilio, Martin
Cc: Boger, Bruce; Holian, Brian; Dean, Bill; Lew, David; Brenner, Eliot; Hayden, Elizabeth; Roberts, Darrell
Sent: Tue Mar 15 12:39:43 2011
Subject: FYI: VY License renewal to be delayed

We've informed VY that we plan to delay issuance of its renewed license until next week. FYI

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/303

From: Leeds, Eric
To: Givvines, Mary
Cc: Steger (Tucci), Christine
Subject: FW: FYI: "Human Interest" Stories
Date: Tuesday, March 15, 2011 12:56:00 PM

Looks like a neat idea. If and when we ever get Christine back. And thanks Christine for helping out OPA again!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Jasinski, Robert
Sent: Tuesday, March 15, 2011 10:15 AM
To: Zimmerman, Jacob; Boger, Bruce; Leeds, Eric
Subject: FYI: "Human Interest" Stories

Jake/Bruce/Eric:

FYI. Hope all is well....Bruce, I hope you're still running before the sun comes up!

We have begun a series of "human interest" stories in NRO about the outside-of-the-office activities/initiatives of our employees. We plan to run these types of stories every six to eight

weeks. Below, I have posted the link to the **second** article in the series, which was just added to our internal web site and has generated lots of positive feedback.

<http://nroweb1.nrc.gov/NRO/news/article.cfm?newsid=20110073>

In case you missed the **inaugural** story, you can access it at:

<http://nroweb1.nrc.gov/NRO/news/article.cfm?newsid=20110014>

I have already shared the articles and the concept with Christine and the other members of the Communications Council, but thought you may find them interesting.

Again, hope things are well. Regards, Bob.

AD/304

From: Donaldson, Leslie
To: Case, Michael
Subject: RE: Today's LMPC Meeting
Date: Tuesday, March 15, 2011 12:58:32 PM

I'm sure you're exhausted...take care, Leslie

From: Case, Michael
Sent: Tuesday, March 15, 2011 11:35 AM
To: Donaldson, Leslie
Subject: RE: Today's LMPC Meeting

Great. I think we just need two. I'm heading home so I won't be able to make it. Stu is out this week.

From: Donaldson, Leslie
Sent: Tuesday, March 15, 2011 11:34 AM
To: Case, Michael
Cc: Kardaras, Tom
Subject: Today's LMPC Meeting

Hi Mike -

Tom mentioned you were wondering who was going to be at the LMPC mtg today (@ 1pm). Tom and I are going over to the First-Line Supervisors' meeting, but Heather will be there to take notes as well as Ed O'Donnell. We believe Brian will be there and Andrea too. Heather did mention that several staff may be calling in as they are at the Ops Center.

Thanks, Leslie

Leslie A. Donaldson, Chief
Human Capital and Communications Branch
Program Management, Policy Development and Analysis Staff
Office of Nuclear Regulatory Research
301.251.7964

AD/305

From: NRR-OWFN-13B04-33p
To: Bahadur, Sher; Blount, Tom; Brown, Frederick; Cheok, Michael; Evans, Michele; Galloway, Melanie; Gitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Howe, Allen; Lee, Samson; Lubinski, John; McGinty, Tim; Nelson, Robert; Quay, Theodore; Rutland, William; Skeen, David
Cc: Silk, Anne; Thomas, Brian; Ferrell, Kimberly; Westreich, Barry; Chev, Sonary; Nguyen, Caroline; Newell, Karenina; Le, Hong; DLRCalendar Resource
Subject: Special LT Meeting/FY13 Budget Request & Scenario A

When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: 13B4

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

----- X ----- New Time 1:00 – 2:00 p.m. ----- X -----

This meeting was requested by Anne Silk and was scheduled by Shari Cohen (x1270) on March 14, 2011 at 10:45 a.m.

AD/306

From: Hiland, Patrick on behalf of DCI CALENDAR Resource
To: Lubinski, John; Evans, Michele; Hiland, Patrick; HQ-OWFN-09B02-12p
Cc: Case, Michael; Bergman, Thomas; Skeen, David; Dudes, Laura; Richards, Stuart; Correia, Richard; Thomas, Brian
Subject: FW: Engineering Division Director Technical Consistency Meeting

When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-OWFN-08B06-12p

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

John, Dave is in IRC and I'm telework today since I have mid watch. I'll not attend today's Eng Mtg.

-----Original Appointment-----

From: DCI_CALENDAR Resource
Sent: Monday, December 06, 2010 8:24 AM
To: Evans, Michele; Hiland, Patrick; Case, Michael; Bergman, Thomas; DCI_CALENDAR Resource; HQ-OWFN-09B02-12p
Cc: Lubinski, John; Skeen, David; Dudes, Laura; Richards, Stuart; Correia, Richard; Thomas, Brian
Subject: Engineering Division Director Technical Consistency Meeting
When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-OWFN-08B06-12p

When: Tuesday, March 15, 2011 1:00 PM-2:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-OWFN-08B06-12p

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

**Meeting location has changed from O-9B2 to O-8B6...2/28/11
12/6/10

Kaydian Beckford,
Division Administrative Assistant
NRC/NRR/DCI
Location: O-9H6
(301)-415-2795
Fax: (301)-415-2444

AD/307

From: Coe, Doug
To: Hiland, Patrick; Wilson, George; Manoly, Kamal; Coyne, Kevin; Beasley, Benjamin; Burnell, Scott; Brenner, Eliot
Cc: Stutzke, Martin; Ake, Jon; Skeen, David; Scales, Kerby
Subject: RE: NBC deadline question for NRC on seismic hazard estimates
Date: Tuesday, March 15, 2011 1:01:55 PM

OPA (Scott) handled the previous GI199 PA work and both he and Ben Beasley's branch have the comm plan which I believe should help address the first two questions. DE (Ake or Kammerer) should be able to address question 3.

From: Hiland, Patrick
Sent: Tuesday, March 15, 2011 9:19 AM
To: Wilson, George; Manoly, Kamal
Cc: Stutzke, Martin; Ake, Jon; Coe, Doug; Skeen, David; Scales, Kerby
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Need to work with OPA, and RES. Kamal should coordinate with RES, and I suggest Marty/Jon respond directly through RES. Doug Coe is good source also for the GI. Get OPA involved.

From: Bill Dedman [mailto:Bill.Dedman@msnbc.com]
Sent: Tuesday, March 15, 2011 9:06 AM
To: Manoly, Kamal; Sheron, Brian; Hiland, Patrick; OPA Resource
Subject: NBC deadline question for NRC on seismic hazard estimates

Good morning,

My name is Bill Dedman. I'm a reporter for NBC News and msnbc.com, writing an article today about:

SAFETY/RISK ASSESSMENT RESULTS FOR GENERIC ISSUE 199, "IMPLICATIONS OF UPDATED PROBABILISTIC SEISMIC HAZARD ESTIMATES IN CENTRAL AND EASTERN UNITED STATES ON EXISTING PLANTS"

I reached out to NRC Public Affairs yesterday but have not heard back, and my deadline is end-of-day today. I'm hoping to get on the phone today with someone from NRC to make sure I'm conveying this information accurately to the public. If nothing else, I'm hoping one of the technical people can help clarify the points below. My telephone number is 203-451-9995.

I've read Director Brian Sheron's memo of Sept. 2, 2010, to Mr. Patrick Hiland; the safety/risk assessment of August 2010; its appendices A through D; NRC Information Notice 2010-18; and the fact sheet from public affairs from November 2010.

I have these questions:

1. I'd like to make sure that I accurately place in layman's terms the seismic hazard estimates. I need to make sure that I'm understanding the nomenclature for expressing the seismic core-damage frequencies. Let's say there's an estimate expressed as "2.5E-06." (I'm looking at Table D-2 of the safety/risk assessment of August 2010.) I believe that this expression means the same as 2.5×10^{-6} , or 0.0000025, or 2.5 divided by one million. In layman's terms, that means an expectation, on average, of 2.5 events every million years, or once every 400,000 years. Similarly, "2.5E-05"

AD/308

would be 2.5 divided by 100,000, or 2.5 events every 100,000 years, on average, or once every 40,000 years. Is this correct?

2. These documents give updated probabilistic seismic hazard estimates for existing nuclear power plants in the Central and Eastern U.S. What document has the latest seismic hazard estimates (probabilistic or not) for existing nuclear power plants in the Western U.S.?

3. The documents refer to newer data on the way. Have NRC, USGS et al. released those? I'm referring to this: "New consensus seismic-hazard estimates will become available in late 2010 or early 2011 (these are a product of a joint NRC, U.S. Department of Energy, U.S. Geological Survey (USGS) and Electric Power Research Institute (EPRI) project). These consensus seismic hazard estimates will supersede the existing EPRI, Lawrence Livermore National Laboratory, and USGS hazard estimates used in the GI-199 Safety/Risk Assessment."

4. What is the timetable now for consideration of any regulatory changes from this research?

Thank you for your help.

Regards,

Bill Dedman

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From: Leeds, Eric
To: Evans, Michele
Subject: RE: Liaison Team Director
Date: Tuesday, March 15, 2011 1:02:00 PM

Bless your heart – thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Evans, Michele
Sent: Tuesday, March 15, 2011 1:01 PM
To: Leeds, Eric
Subject: Liaison Team Director

Eric,

We need to keep Tim on 3-11 today, but starting tomorrow I believe we have a replacement for him. I still need to confirm this, but that is the plan.

Tom will need to continue on 11 – 7 for the rest of this week.

I'll talk at 4 pm about how to handle this for longer term.

Hope this helps for now.

Michele

AD/309

From: Jon Desenberg
To: Virgilio, Martin
Subject: Free GPRA Webinar: 1 Day Left to Register
Date: Tuesday, March 15, 2011 1:13:40 PM

Hi Martin,

Tomorrow, IBM and the Performance Institute are hosting a complementary webinar titled **Meeting Priority Goals: Complying with GPRA 2.0**. Designed to simplify the transition to GPRA, the webinar will give you the tools to comply with new reporting standards, consolidate duplicitous programs and prepare you for new Congressional oversight.

The webinar is happening tomorrow, so make sure you register before time runs out. You can learn more and register here: www.PerformanceInstitute.org/GPRA

I look forward to a lively online discussion.

Best,
Jon

Jon Desenberg
Senior Policy Director
The Performance Institute
Desenberg@TheInstituteWeb.org

AD/310

From: Sydnor, Russell
To: Rivera-Lugo, Richard
Cc: Case, Michael; Richards, Stuart
Subject: RE: ACTION: Quarterly Accomplishments for 2nd Quarter of FY2011
Date: Tuesday, March 15, 2011 1:28:16 PM

Ritchie,
the second and third items are not issued yet but we expect to issue them by next week (2) or the end of the Month (3). So make a note to verify that with me before we include them in the final RES report.

1. Issued Research Information Letter RIL-1001, SOFTWARE-RELATED UNCERTAINTIES IN THE ASSURANCE OF DIGITAL SAFETY SYSTEMS – EXPERT CLINIC FINDINGS, PART 1@. This information letter reports the results of an expert clinic that examined the state of the art in safety assurance of software used in safety critical applications. (S. Birla, L. Betancourt, DE/DICB)
2. Issued two whitepapers to NRO and NRR discussing 1) the regulatory requirements and technical aspects of “independence” and “redundancy” as it relates to modern digital protection systems that may have increased interchannel and interdivisional communications and 2) the regulatory perspectives on independence in Core Protection Calculator designs. These whitepapers provided technical and regulatory basis to support NRO positions for several new reactor Design Certification reviews. (P. Rebstock, J. Dion, DE/DICB)
3. Issued to Publications, NUREG/IA –XXXX, Suitability of Fault Modes and Effects Analysis for Regulatory Assurance of Complex Logic in Digital I&C systems, which publishes a common NRC/IRSN research position on limitations of FMEA techniques for Software assurance use. (S. Birla, L. Betancourt, DE/DICB)

Russell Sydnor
Branch Chief
NRC/RES/DE/DICB
301-251-7405
Russell.Sydnor@nrc.gov

From: Rivera-Lugo, Richard
Sent: Friday, March 11, 2011 3:31 PM
To: Csontos, Aladar; Gavrilas, Mirela; Koshy, Thomas; Hogan, Rosemary; Sydnor, Russell; Boyce, Tom (RES)
Cc: Case, Michael; Richards, Stuart
Subject: ACTION: Quarterly Accomplishments for 2nd Quarter of FY2011
Importance: High

Branch Chiefs,

Please send me your two most significant branch accomplishments, the regulatory use,

A0/311

and the associated staff for the accomplishment **by COB March 24th**. If you would like to provide more than two options for consideration, please send them ranked by importance. Keep in mind that the quarterly report focuses only on the accomplishments, the NUREG table, and the list of papers or conferences that we publish or sponsor.

For your reference, you will find in the attachment a copy of the 1st Quarter FY 2011 Report.

Thanks,
Richie

Richard Rivera-Lugo, EIT, MEM
Technical Assistant (Acting)
U.S. Nuclear Regulatory Commission – HQ
RES/DE
Ph. 301-251-7652
Fax 301-251-7420
Mail M.S. C5C07M
E-mail Richard.Rivera-Lugo@nrc.gov



Please consider the Environment before printing this e-mail.

McKelvey, Harold

From: Collins, Elmo
Sent: Tuesday, March 15, 2011 1:36 PM
To: Munroe, Stacey; Howell, Art
Cc: Owen, Lucy; Hergenroder, Dan; Crockett, David; Mueller, Bub
Subject: Re: slideshow

Thank you Stacey!
Elmo

From: Munroe, Stacey
To: Howell, Art; Collins, Elmo
Cc: Owen, Lucy; Hergenroder, Dan; Crockett, David; Mueller, Bub
Sent: Tue Mar 15 14:23:05 2011
Subject: slideshow

The slide show is at: <s/drma/newsltr/slideshow/sequence 01.wmv> – it was too big to send by email. I'll be back in the morning to make any changes; otherwise, Dan, David, or Bub worked on it so they can make any changes also.

Stacey Munroe

FOIA Coordinator

Information Management Assistant, DRMA

AD/312

From: Rini, Brett
To: Gavrilas, Mirela
Cc: Case, Michael
Subject: Re: Amy's participation in the June ANS meeting
Date: Tuesday, March 15, 2011 1:54:36 PM

I asked Mike to check on her approval.

I haven't read the OI in enough detail to know that. Carol could clarify that point.

Brett

Brett A. Rini
Technical Assistant
Office of Nuclear Regulatory Research

From: Gavrilas, Mirela
To: Rini, Brett
Cc: Case, Michael
Sent: Tue Mar 15 13:33:47 2011
Subject: Amy's participation in the June ANS meeting

Brett,

Amy is our representative (approved by DE management) to the Strategic Initiatives Subcommittee of ANS NSFC. She is also the agency formal representative to the NISD ANS Executive Committee; that activity has also been supported and approved by DE management.

Because both of these committees require advanced preparation and planning, Amy needs to know as soon as possible if her travel to the June conference has been approved at Office level. Btw., I thought that official appointments to committee's get us out of these discussions according to the latest OI? Is ANS an exception? If so, how do we get about getting Amy approved?

Thanks,
M.

1A0/313

From: NRR-OWFN-13B04-33p
To: Bahadur, Sher; Blount, Tom; Brown, Frederick; Cheok, Michael; Evans, Michele; Galloway, Melanie; Glitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Howe, Allen; Lee, Samson; Lubinski, John; McGinty, Tim; Nelson, Robert; Quay, Theodore; Ruland, William; Skeen, David
Cc: Silk, Anne
Subject: Special LT Meeting/FY13 Budget Request Scenario A

When: Tuesday, March 15, 2011 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: 13B4

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*~*

This meeting was requested by Anne Silk and was scheduled by Shari Cohen (x1270) on March 14, 2011 at 10:45 a.m.

AD/3/4

From: Cianci, Sandra
To: Borchardt, Bill
Cc: Virgilio, Martin; Dyer, Jim; Weber, Michael; Ash, Darren; Muessle, Mary; Leeds, Eric; Wiggins, Jim; Johnson, Michael; Dean, Bill; McCree, Victor; Satorius, Mark; Collins, Elmo; HOO Hoc; Pace, Patti; Gibbs, Catina; Speiser, Herald; Taylor, Renee; Garland, Stephanie; Hasan, Nasreen; Sanfilippo, Nathan; Merzke, Daniel; Wittick, Brian; Williams, Shawn
Subject: Delegation of Authority for Martin J. Virgilio
Date: Tuesday, March 15, 2011 2:07:19 PM
Attachments: Delegation of Authority for Martin J. Virgilio, Michael Johnson Acting 3-15-3-17, Eric Leeds acting 3-18.docx

Sandy Cianci

Administrative Assistant to Marty Virgilio, DEDR

Office of the Executive Director for Operations

O-17 H13

301-415-1714

sandra.cianci@nrc.gov

AD/315

March 15, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Martin J. Virgilio */RA/*
Deputy Executive Director for Reactor
and Preparedness Programs
Office of the Executive Director for Operations

SUBJECT: DESIGNATION OF ACTING DEPUTY EXECUTIVE DIRECTOR
FOR REACTOR AND PREPAREDNESS PROGRAMS

While I am out of the office March 15, 16, 17, and 18 during the time of 6:00 a.m. – 6:00 p.m., I designate the following individuals to be acting as Deputy Executive Director for Reactor and Preparedness Programs (DEDR).

Mike Johnson 3/15 -3/17

Mr. Johnson does not have delegated authority to issue immediately effective orders to one or more NRC reactor and materials licensees in the event of an imminent security threat.

Eric Leeds 3/18

Mr. Leeds has the authority, delegated by the EDO, to issue immediately effective orders, to one or more NRC reactor and materials licensees in the event of an imminent security threat requiring such urgent action that insufficient time exists to involve the emergency powers reserved to the Chairman or his designee in accordance with Presidential Reorganization Plan No. 1 of 1980. This authority may not be re-delegated.

cc:	Chairman Jaczko	J. Wiggins	H. Speiser
	J. Dyer	M. Johnson	R. Taylor
	M. Weber	Regional Administrators	S. Garland
	D. Ash	Ops Center (HOO1)	N. Hasan
	M. Muessle	P. Pace	TBPM Staff
	E. Leeds	C. Gibbs	

From: Balarabe, Sarah
To: Ruland, William
Subject: FW: Ride Home Today
Date: Tuesday, March 15, 2011 2:16:16 PM

From: Jarvis, Rodney
Sent: Tuesday, March 15, 2011 1:07 PM
To: Balarabe, Sarah
Subject: RE: Ride Home Today

Sarah,

3:00 is fine with me.

R/S, Rod

From: Balarabe, Sarah
Sent: Tuesday, March 15, 2011 1:05 PM
To: Jarvis, Rodney
Cc: Ruland, William
Subject: Ride Home Today
Importance: High

Hi Rodney,

I gave you a call and left a message. Bill wanted to know if you were going to catch a ride with him today? Bill is leaving at 3:00 PM. Please respond to this email or give me a call so, I can give Bill the message.

Thanks,
Sarah

Sarah Balarabe
Division Administrative Assistant
Division of Safety Systems
Office of Nuclear Reactor Regulation
☎ Work: 301-415-3283
✉ E-mail: sarah.balarabe@nrc.gov

AD/316

From: Lubinski, John
To: Thomas, Brian
Subject: FW: Spring Regional Counterparts Schedule
Date: Tuesday, March 15, 2011 2:23:00 PM

From: Grobe, Jack
Sent: Thursday, March 10, 2011 8:55 AM
To: Nguyen, Quynh; Leeds, Eric; Boger, Bruce
Cc: Ruland, William; Hiland, Patrick; Lubinski, John; Cheok, Michael
Subject: RE: Spring Regional Counterparts Schedule

Great question. My thought is that if the Regions are still having the seminar we should support it as we would at any other time. In addition my May/June, I hope we have a budget, or a full year CR that supports normal activities.

Eric/Bruce ... different thoughts?

From: Nguyen, Quynh
Sent: Thursday, March 10, 2011 8:36 AM
To: Grobe, Jack
Cc: Ruland, William; Hiland, Patrick; Lubinski, John; Cheok, Michael
Subject: FW: Spring Regional Counterparts Schedule

Jack,

With the CR, are we still going to send BCs?

Assuming yes, it's Region I and II with DCI and DE in the pipe.

Quynh

From: Grobe, Jack
Sent: Wednesday, March 09, 2011 5:38 PM
To: Nguyen, Quynh; Schwarz, Sherry
Cc: Leeds, Eric; Wertz, Trent; Boger, Bruce
Subject: Re: Spring Regional Counterparts Schedule

I will not be able to do May but probably can handle June. Should we discuss at an ET alignment meeting?

Jack Grobe, Deputy Director, NRR

From: Nguyen, Quynh
To: Schwarz, Sherry
Cc: Grobe, Jack; Leeds, Eric; Wertz, Trent; Boger, Bruce
Sent: Wed Mar 09 15:35:06 2011
Subject: Spring Regional Counterparts Schedule

Sherry,

Please reserve these days on the ET calendar (put at the top heading). "NRR Hot Topics"

AD/317

Region I (May 10 – 12) I'm waiting for confirmation and a POC.

Region IV (May 24-26) Bernadette Baca

Region III (June 7-9) Julio Lara

Region II (June 21-23) Daniel Rich

Jack – you are scheduled to be in FL for the BWROG on May 25?

I requested a slot for 2 BCs (should be DCI and DE this time) to go to Regions I and II.

“NRR Technical Topics”

I have requested for them to think about topics that they want to hear about.

Thanks,

Quynh

From: Lubinski, John
To: Thomas, Brian
Subject: FW: Organizational Effectiveness Functions - Sensitive
Date: Tuesday, March 15, 2011 2:24:00 PM

From: Ferrell, Kimberly
Sent: Monday, March 14, 2011 4:54 PM
To: Brown, Frederick; Evans, Michele; Ferrell, Kimberly; Glitter, Joseph; Givvines, Mary; Hiland, Patrick; Holian, Brian; Lee, Samson; McGinty, Tim; Ruland, William; Skeen, David; Thomas, Brian; Bahadur, Sher; Blount, Tom; Cheok, Michael; Galloway, Melanie; Howe, Allen; Lubinski, John; Lund, Louise; Nelson, Robert; Quay, Theodore
Subject: Organizational Effectiveness Functions - Sensitive

LT Members,

As part of PMDA's ongoing efforts to improve efficiency and maximize resources, we are reviewing the Organizational Effectiveness (OE) functions which currently reside within HCB.

We'd like LT comments on what services your Division may be utilizing from the OE staff. We'd also appreciate comments on the significance, frequency, or complexity of OE staff involvement.

Please provide your comments to me with a cc: to Mary Givvines by COB Wednesday, March 16.

Please let me know if you have any questions.

Thanks!

Kimberly

AD/318

McKelvey, Harold

From: Collins, Elmo
Sent: Tuesday, March 15, 2011 2:29 PM
To: Owen, Lucy
Subject: FW: Gas Accumulation

Pls schedule some time today

-----Original Message-----

From: Conway, John [<mailto:jtch@pge.com>]
Sent: Tuesday, March 15, 2011 2:29 PM
To: Collins, Elmo
Subject: Gas Accumulation

Would like to discuss inspection timing.

From: DLRCalendar Resource
To: Galloway, Melanie; Ruland, William
Cc: Balarabe, Sarah
Subject: Mtg w/Bill Ruland - Follow up to Influence

When: Tuesday, March 15, 2011 2:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: Melanie's office

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

AD/320

From: [Siu, Carolyn](#)
To: [Coyne, Kevin](#)
Subject: Meet with Brian
Date: Tuesday, March 15, 2011 2:54:47 PM

Hi Kevin,

Brian would like to meet with you as soon as possible, please go up to his office whenever you get a minute. Thanks!

Carolyn Siu

Fiction reveals truths that reality obscures.

Division line: 301-251-7430

Direct line: 301-251-7568

Fax: 301-251-7424

Email: Carolyn.Siu@nrc.gov

AD/321

From: Boger, Bruce
To: Grobe, Jack
Cc: Nguyen, Quynh; Meighan, Sean
Subject: DRA Call
Date: Tuesday, March 15, 2011 2:58:28 PM

I hope you can take the DRA call tomorrow afternoon, since I'll be covering the swing shift at the Op Center. The one item I'd like for you to cover is the SharePoint site that's been created to serve as the repository for Q&As and facts that have been cleared for staff awareness and public consumption. The regions have been asking for information they can use, particularly during upcoming end-of-cycle meetings. Quynh and Sean can fill you in on what they're doing to support the agency.

AD/322

From: Givvines, Mary
To: Boger, Bruce; Leeds, Eric; Grobe, Jack
Subject: Strategic Acquisition Executive Steering Committee
Date: Tuesday, March 15, 2011 3:13:23 PM

Bruce - this responds to a question you had regarding a meeting on your schedule next week.

Next week will be the first meeting for the acquisition portion of FAIMIS. Expectation is that it will be comprised of office directors and led by Darren. Jack was the member of the last FAIMIS steering committee representing NRR.

Hope this helps.

Mary

AD/ 323

From: Coe, Doug
To: Hudson, Daniel; Santiago, Patricia; Gibson, Kathy; Scott, Michael; Coyne, Kevin; Stutzke, Martin
Subject: RE: Revised Draft Scheduling Note for Level 3 PRA-SOARCA Commission Meeting
Date: Tuesday, March 15, 2011 3:23:13 PM

Looks fine to me. Key is to address what the Commissioners want beyond what will already be in the paper.

From: Hudson, Daniel
Sent: Tuesday, March 15, 2011 2:08 PM
To: Santiago, Patricia; Gibson, Kathy; Scott, Michael; Coe, Doug; Coyne, Kevin; Stutzke, Martin
Subject: Revised Draft Scheduling Note for Level 3 PRA-SOARCA Commission Meeting

All,

Based on discussions between the DRA and DSA management teams, the draft scheduling note has been revised to update the presenters in the NRC Staff Panel. The attached version will be reviewed at the meeting to be held from 3:30pm – 4:00pm today in Brian's office.

Thanks,
Dan

Daniel W. Hudson
Technical Assistant
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Daniel.Hudson@nrc.gov
301-251-7919

AD/324

From: Ibarra, Jose
To: Coyne, Kevin
Subject: RE: ACTION: Info Digest Update
Date: Tuesday, March 15, 2011 3:27:22 PM

Kevin,
I will take care of it. If I have any questions I will go to the knowledgeable staff. Jose

From: Coyne, Kevin
Sent: Tuesday, March 15, 2011 3:23 PM
To: Ibarra, Jose
Subject: RE: ACTION: Info Digest Update

Jose –

That would be great if you could handle the review – one less thing for the branches to worry about. Let me know if you think you do need one or more of the branches to review...

Thanks!

Kevin

From: Ibarra, Jose
Sent: Tuesday, March 15, 2011 3:20 PM
To: Coyne, Kevin
Subject: FW: ACTION: Info Digest Update

Kevin,

Do you want the BCs to review the Info Digest. I will review anyway. It is pretty high level. I need comments by March 26 as mentioned by Brett.

From: Rini, Brett
Sent: Monday, March 14, 2011 11:40 AM
To: Armstrong, Kenneth; Ibarra, Jose; Rivera-Lugo, Richard; Grancorvitz, Teresa; Sangimino, Donna-Marie
Cc: Valentin, Andrea; Spencer, Ruth; Stout, Kathleen; Hudson, Daniel
Subject: ACTION: Info Digest Update

All,

It's that time of the year where we have to update the Info Digest. OPA put the document on SharePoint and asked everyone to update the PDF file by inserting comments on highlighted text. Please just send me your comments in an e-mail; I'll take care of adding the comments to the site later. The RES section begins on page 55, but there are other areas that might be of interest as well (e.g., international cooperative research on page 29). I didn't have time to look for all those areas. DSA has the lead for finding a replacement set of photos showing an experiment. This is due to OEDO on March 28, but we will probably need FO support on any changes. Therefore, please send me your

AD/325

comments by March 26.

Let me know if you have any questions.

Thanks,

Brett

From: Balarabe, Sarah
To: Ruland, William
Subject: You are on shift at 3:00 PM-11: 00 PM on the 16th. (EOM)
Date: Tuesday, March 15, 2011 3:29:54 PM

Sarah Balarabe

Division Administrative Assistant

Division of Safety Systems

Office of Nuclear Reactor Regulation



Work: 301-415-3283



E-mail: sarah.balarabe@nrc.gov

AD/326

From: Helton, Shana
To: Andersen, James
Cc: Bladey, Cindy; Reed, Timothy; Powell, Amy; McGinty, Tim; Quay, Theodore; Blount, Tom; Boger, Bruce; Leeds, Eric; Meyer, David; Wittick, Brian; Virgilio, Martin; Mizuno, Geary; O'Sullivan, Kevin; Danna, James
Subject: FYI: Action: Formal Submission of Petition for Rulemaking
Date: Tuesday, March 15, 2011 3:50:34 PM
Attachments: [Formal Submission of Petition for Rulemaking.msg](#)
[FW Did Not Get Confirmation.msg](#)
Importance: High

Jim,

We think OEDO should be aware, and may want to inform the Chairman's office (given the impending Hill briefings), that we have received a petition for rulemaking requesting the NRC amend its regulations regarding assurance of long-term cooling of spent fuel pools. This petition also addresses grid reliability in the event of solar flares (coronal mass injections).

The petitioner has notified us that he has sent their petition to the House Energy and Commerce Committee (see attached email). ADM docketed the petition as PRM-50-96 (see attached for petition), and will send confirmation to the petitioner.

If the Chairman gets a question regarding this petition:

- The petition was submitted on Monday, March 14, 2011
- NRC docketed the petition today (March 15, 2011)
- Staff plans, per standard procedures, to publish a Notice of Receipt in the *Federal Register*, which will request public comments on the petition
- Staff consideration of whether to grant, deny, or consider in a future rulemaking will be based on the merits of the petition and the public comments received

Please contact myself or Cindy Bladey if you have any questions.

Thank you,
Shana

From: Bladey, Cindy
Sent: Monday, March 14, 2011 3:52 PM
To: Jones, Bradley; Helton, Shana; O'Sullivan, Kevin; Danna, James
Cc: Mizuno, Geary; Terry, Leslie; Schoenmann, Sandra; Meyer, David
Subject: Action: Formal Submission of Petition for Rulemaking
Importance: High

See the attached PRM from Thomas Popik, on behalf of the Foundation for Resilient Societies.

I sent you an earlier draft of this PRM on Feb. 7; note that the petitioner states that this version has been extensively modified from the draft submission. He also states he will provide a copy of this PRM to the House Energy and Commerce Committee in anticipation of the March 16 hearing with Commissioner Jaczko and Secretary Chu as witnesses.

Please review the submittal to determine if it meets the sufficiency requirements of 2.802; I'd like your response ASAP; if possible, by COB 3/15/2011.

AD/327

Thanks,
Cindy

Cindy Bladey, Chief
Rules, Announcements, and Directives Branch
TWB-05-A01
301-492-3667
cindy.bladey@nrc.gov

From: Rulemaking Comments
Sent: Monday, March 14, 2011 3:25 PM
To: Jaegers, Cathy; Bladey, Cindy; Clayton, Kathleen; Mamish, Nader
Cc: Vietti-Cook, Annette; Rulemaking Comments; Giitter, Rebecca; Greathead, Nancy; Julian, Emile; Lewis, Linda; Ngbea, Evangeline; Pierpoint, Christine
Subject: FW: Formal Submission of Petition for Rulemaking
Importance: High

Attached is a Petition for Rulemaking submitted by Thomas Popik, on behalf of the Foundation for Resilient Societies, requesting the NRC adopt regulations that would require facilities licensed under 10 CFR Part 50 to assure long-term cooling and unattended water makeup of spent fuel pools.

ACTION OFFICE: **EDO**

ACTION: **APPROPRIATE**

Evangeline S. Ngbea
Rulemakings and Adjudications Staff
Office of the Secretary

Attachment Formal Submission of Petition for Rulemaking.msg (2560 Bytes) cannot be converted to PDF format.

Attachment FW Did Not Get Confirmation.msg (2560 Bytes) cannot be converted to PDF format.

From: Boger, Bruce
To: Leeds, Eric
Subject: FW: Vermont Yankee license renewal
Date: Tuesday, March 15, 2011 3:57:45 PM

Here's the email I mentioned.

From: Nelson, Robert
Sent: Tuesday, March 15, 2011 3:49 PM
To: Giitter, Joseph; Boger, Bruce
Cc: Howe, Allen
Subject: FYI: Vermont Yankee license renewal

From: Kuntz, Robert
Sent: Tuesday, March 15, 2011 2:36 PM
To: Kim, James; Couret, Ivonne; Screnci, Diane; Sheehan, Neil; McNamara, Nancy; Jackson, Donald; Dacus, Eugene; Spencer, Mary; Subin, Lloyd; Trapp, James; Wittick, Brian
Subject: Vermont Yankee license renewal

Below is a proposed EDO daily note related to the planned license renewal for Vermont Yankee. The issuance of the renewed license has been suspended because of the recent international operating experience. DLR is working on additional Q and As for the communication plan and will share them in the next day or so and solicit any additional questions that any of you would like to include.

On Friday March 11, 2011 the NRC staff served notice to the Commission that it intended to issue a renewed license to the Vermont Yankee Nuclear Power Station (VYNPS). The staff has decided to delay the issuance of the VYNPS renewed license so that it can improve communication to internal and external stakeholders. The staff plans to issue the VYNPS renewed license the week of March 21, 2011.

AD/328

From: [Howe, Allen](#)
To: [Leeds, Eric](#); [Boger, Bruce](#); [Grobe, Jack](#)
Cc: [Giitter, Joseph](#); [Broadus, Doug](#)
Subject: Heads up on CR 3 Status
Date: Tuesday, March 15, 2011 4:02:54 PM
Attachments: [Scanned Document.msg](#)

All –

Press release from Progress attached. Press release will go at 4 pm. RII public affairs is coordinating.

John Franke is planning to contact Eric.

Preliminary indications are that there was another delamination at bay 5/6 (this is about 120 degrees from the S/G replacement opening – it is above the fuel transfer canal)

Progress is considering canceling the public meeting next week. Should be a decision by Thursday. Our thought is to postpone the CR3 status/restart brief scheduled with Eric Leeds tomorrow.

Allen

From: Saba, Farideh
Sent: Tuesday, March 15, 2011 2:16 PM
To: Broadus, Doug; Howe, Allen; Giitter, Joseph; Khanna, Meena
Subject: FW: CR 3 Status

Latest info for crystal river.

Farideh E. Saba, P.E.
Senior Project Manager
NRC/ADRO/NRR/DORL
301-415-1447
Mail Stop O-8G9A
Farideh.Saba@NRC.GOV

From: Morrissey, Thomas
Sent: Tuesday, March 15, 2011 2:06 PM
To: Saba, Farideh
Subject: FW: CR 3 Status

FYI

From: Morrissey, Thomas
Sent: Tuesday, March 15, 2011 1:48 PM
To: Rich, Daniel; Hannah, Roger; Ledford, Joey
Cc: Reyes, Rogerio; Childs, Natasha
Subject: RE: CR 3 Status

1AD/329

Attached is a copy of the press release scheduled for 4 pm today. They believe that this is the final version...

From: Rich, Daniel
Sent: Tuesday, March 15, 2011 1:04 PM
To: Hannah, Roger; Ledford, Joey
Cc: Morrissey, Thomas; Reyes, Rogerio; Childs, Natasha
Subject: CR 3 Status

Roger/Joey:

Regarding events at Crystal River... If questioned after the licensee's press release, I would say that the NRC resident inspectors at the site are closely following the licensee's assessment of the newly identified separation or delamination in the containment building wall. But, as always with the shutdown plant, they focus on continued safe operation of reactor and spent fuel pool cooling systems and compliance with all license conditions.

Although the additional separation in the containment wall was unexpected, there are no indications of any new safety hazards, either to the reactor, to the spent fuel pool, or to the public.

Additional detail in case you are asked... Crystal River Unit 3 has three emergency diesel generators. Two safety related EDGs, and one alternate ac generator.

Dan

Attachment Scanned Document.msg (2560 Bytes) cannot be converted to PDF format.

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Tuesday, March 15, 2011 4:07 PM
To: Smith, April
Subject: Thanks for checking if I needed help

I hope I wasn't short. There was a sudden rash of demands on me just as Brian asked me to send the document to the Chairman who is meeting with Congress. I got it off and all is well, at least on our side of the ocean.

From: Harper, Kevin
To: Grobe, Jack; Leeds, Eric; Bahadur, Sher; Blount, Tom; Brown, Frederick; Cheok, Michael; Galloway, Melanie; Glitter, Joseph; Hiland, Patrick; Holian, Brian; Howe, Allen; Lee, Samson; Lubinski, John; McGinty, Tim; Nelson, Robert; Quay, Theodore; Ruland, William; Matheson, Mary; NRR DE Distribution
Cc: Schwarz, Sherry; Tobe, Celestia; Moore, Tove; Balarabe, Sarah; Curran, Bridget; Beckford, Kaydian; Chev, Sonary; Cox, Linda; Jones(NRR), Latoya; Harper, Kevin; Chen, Qiao-Lynn; Ross, Robin
Subject: March 16, 2011 Delegation of Authority. George Wilson for P. Hiland
Date: Tuesday, March 15, 2011 4:11:35 PM
Attachments: March 16 2011 Delegation of Authority.docx

Please see attached

Thanks,

AD/331

March 15, 2011

MEMORANDUM TO: John A. Grobe, Deputy Director
for Engineering and Corporate Support
Office of Nuclear Reactor Regulation

FROM: Patrick L. Hiland, Director **/RA/**
Division of Engineering
Office of Nuclear Reactor Regulation

SUBJECT: DELEGATION OF AUTHORITY

During my absence from the office March 16, 2011, I have designated George Wilson as Acting Division Director for Division of Engineering (DE). Mr. Wilson is located at O-9E12 and can be reached at 415-1711.

cc: ET/LT
DE Staff

March 15, 2011

MEMORANDUM TO: John A. Grobe, Deputy Director
for Engineering and Corporate Support
Office of Nuclear Reactor Regulation

FROM: Patrick L. Hiland, Director **/RA/**
Division of Engineering
Office of Nuclear Reactor Regulation

SUBJECT: DELEGATION OF AUTHORITY

During my absence from the office March 16, 2011, I have designated George Wilson as Acting Division Director for Division of Engineering (DE). Mr. Wilson is located at O-9E12 and can be reached at 415-1711.

cc: ET/LT
DE Staff

OFFICE	NRR/DE
NAME	P.Hiland
DATE	03/ 15 /2010

OFFICIAL RECORD COPY

Owen, Lucy

From: Mueller, Bub
Sent: Tuesday, March 15, 2011 4:13 PM
To: Collins, Elmo
Cc: McKelvey, Harold
Subject: ITSAC VTC

I attended the ITSAC VTC. The material presented followed exactly the attachments that were sent in the calendar appointment.

The opening remarks were the only topics not covered in the material. The opening remarks included:

1. Windows 7 is entering the final stages of testing – be sure all software has been tested. Expect implementation sometime this year.
2. ADAMS upgrade is going well – still migrating some old documents and servers. Use the URL link to simplify sending documents.
3. Encouraged everyone to retire old applications (e.g., get rid of dB2 apps) – they probably will not work on Win 7.
4. Social Media – Twitter & YouTube by end of month. No Facebook planned – no agency need.
5. HSPD12 cards being implemented for PC and applications. Some applications (e.g., iLean & ETravel) are not controlled by NRC so unknown when they will be implemented.

If you have any questions, please contact me.

Bub

AD/332

From: NRC Daily Notes
To: EDO GroupAccount
Cc: Pena, Alex
Subject: New NRC Daily Notes for March 15, 2011
Date: Tuesday, March 15, 2011 4:13:12 PM

~~OFFICIAL USE ONLY - SENSITIVE INFORMATION~~
~~INFORMATION~~

Daily Notes for March 15, 2011

FSME

~~(OUO-SII)~~

On March 16, a meeting of the Radiation Source Protection and Security Task Force (Task Force) will be held in the NRC Auditorium. The focus of the meeting will be to continue the discussion initiated during the last Task Force meeting on implementation plans for the open and new recommendations and actions from the 2006 and 2010 Task Force reports. A presentation will also be provided on progress made in regards to the public education outreach efforts that were transitioned to the Federal Emergency Management Agency, as requested during the last Task Force meeting.

NMSS

~~(OUO-SII)~~

On March 14, staff met with the NEI and industry to discuss a pilot issue using the Regulatory Issue Resolution Protocol (RIRP). The issue pertains to potential stress corrosion cracking on spent fuel casks located near a marine atmosphere. NEI will submit a letter, screening form and resolution plan to the NRC by April 11. The problem statement developed during the meeting is: sufficient data does not exist to determine when and where stress corrosion cracking in steel storage casks exists. Success is to obtain sufficient data to determine when and where stress corrosion cracking in steel storage casks exists. Industry also began work on the resolution plan at the public meeting. Staff will hold another public meeting devoted to the RIRP and this pilot issue by June 14.

NRR

~~(OUO-SII)~~

On March 11, the staff informed the Commission that it intended to

AD/333

issue a renewed license to the Vermont Yankee Nuclear Power Station (VYNPS) on March 16. In light of recent international events, the staff has decided to delay the issuance of the VYNPS renewed license so that it can better prepare needed communication messages for internal and external stakeholders. The staff will provide advanced notice to the Commission of a rescheduled license issuance date.

RII

~~(QUO-SII)~~

On March 14, Progress Energy identified additional delamination in the Crystal River Unit 3 containment. The licensee was nearing the completion of the tendon tensioning process when acoustic monitors identified an unusual noise signature. Subsequent analysis by impulse-response testing confirmed that new delamination had developed. In light of this information, the public meeting scheduled for March 22 to discuss the plant's restart may be postponed.

~~CONFIDENTIAL - FOR EYES ONLY~~

From: Stricklin, Rebecca
To: Evans, Carolyn; Lynch, James; Satorius, Mark; Lougheed, Patricia; Mitlyng, Viktoria; Bell, Hubert; Holody, Daniel; Barker, Allan; Pelke, Paul; Logaras, Haral; Leeds, Eric; Linn, Linda; Ashley, MaryAnn; Orth, Steven; DeFrancisco, Anne; McLaughlin, Marjorie; Zimmerman, Roy; Scott, Catherine; Gryglak, Magdalena; Campbell, Andy; McCrary, Cheryl; OEMAIL Resource; Pederson, Cynthia; Merzke, Daniel; Ariano, Carole; Hilton, Nick; Heck, Jared; RidsSecyMailCenter Resource; OCA Distribution; DRPIII; ROPreports Resource; OEWEB Resource; Borchardt, Bill; Virgilio, Martin; Hott, Christopher; Itzkowitz, Marvin; Boger, Bruce; Harrington, Holly; Williams, Mona; Chandrathil, Prema; Bakhsh, Sarah; RidsNrrDorLpl3-2 Resource; RidsNrrPMBByron Resource; RidsNrrDirStrib Resource; DRSIII
Cc: Buckley, Patricia; Stricklin, Rebecca; Tomczak, Tammy; Hasan, Nasreen
Subject: EA-11-014, Byron, Final Significance Determination of White Finding with Assessment Followup and Notice of Violation
Date: Tuesday, March 15, 2011 4:16:30 PM
Attachments: EA-11-014 Byron final action.docx

The subject document has been completed and submitted to be declared in ADAMS. A Word copy of the document is attached.

EA-11-014, Byron; ML110740619 (Public) - licensee notified 3/14/11.

AD/334

March 14, 2011

EA-11-014

Mr. Michael J. Pacilio
Senior Vice President, Exelon
Generation Company, LLC
President and Chief Nuclear
Officer (CNO), Exelon Nuclear
4300 Winfield Road
Warrenville, IL 60555

SUBJECT: BYRON STATION, UNIT 2; FINAL SIGNIFICANCE DETERMINATION
OF WHITE FINDING, WITH ASSESSMENT FOLLOWUP AND NOTICE OF
VIOLATION; NRC INSPECTION REPORT NO. 05000455/2011012

Dear Mr. Pacilio:

This letter provides you the final significance determination of the preliminary White finding discussed in our previous communication dated February 11, 2011, which included the subject inspection report. The finding involved the failure to ensure that a flange connection on the upper lube oil cooler of the 2A diesel generator was correctly torqued, following maintenance. This led to the 2A diesel generator being required to be shut down when a significant oil leak developed during routine monthly surveillance testing on November 17, 2010.

In a telephone conversation with Mr. Eric Duncan, Chief, U.S. Nuclear Regulatory Commission (NRC) Region III, Reactor Projects Branch 3, on February 18, 2011, Mr. Brad Adams, Byron Plant Manager, indicated that Exelon did not contest the characterization of the risk significance of this finding and that you declined your opportunity to discuss this issue in a Regulatory Conference or to provide a written response. Exelon later followed this verbal notification with a letter dated February 23, 2011.

After considering the information developed during the inspection, the NRC has concluded that the finding is appropriately characterized as White, a finding of low to moderate risk significance. According to NRC Inspection Manual Chapter (IMC) 0609, and as acknowledged in the February 23, 2011, letter, appeal rights only apply to those licensees that have either attended a Regulatory Conference or submitted a written response to the preliminary determination letter.

The NRC has also determined that the failure to have appropriate acceptance criteria to ensure that the flange connection on the upper lube oil cooler of the 2A diesel generator was correctly torqued during maintenance is a violation of Title 10 of the Code of Federal Regulations (10 CFR) Part 50, Appendix B, Criterion V, "Instructions, Procedures and Drawings," as cited in the enclosed Notice of Violation (Notice). The circumstances surrounding the violation were described in detail in the subject inspection report. In accordance with the NRC Enforcement Policy, the Notice is considered escalated enforcement action because it is associated with a White finding.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to be taken to correct the violation and prevent recurrence, and the date when full compliance was achieved, is already adequately addressed on the docket in Inspection Report No. 05000455/2011011. Therefore, you are not required to respond to this letter unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

As a result of our review of Byron's performance, including this White finding, we have assessed you to be in the Regulatory Response column of the NRC's Action Matrix. Therefore, we plan to conduct a supplemental inspection using Inspection Procedure 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area," when your staff has notified us of your readiness for this inspection. This inspection procedure is conducted to provide assurance that the root cause and contributing causes of risk significant performance issues are understood, the extent of condition and the extent of cause are identified, and the corrective actions are sufficient to prevent recurrence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if any, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction. The NRC also includes significant enforcement actions on its Web site at <http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions>.

Sincerely,

/RA/

Mark A. Satorius
Regional Administrator

Docket No. 050-00455
License No. NPF-66

Enclosure:
Notice of Violation

cc w/encl: Distribution via ListServ

NOTICE OF VIOLATION

Exelon Generation Company, LLC
Byron Station Unit 2

Docket No. 050-00455
License No. NPF-66
EA-11-014

During a U.S. Nuclear Regulatory Commission (NRC) inspection conducted from January 1 to February 7, 2011, a violation of NRC requirements was identified. In accordance with the NRC Enforcement Policy, the violation is listed below:

Title 10 of the Code of Federal Regulations (10 CFR), Part 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings," states, in part, that instructions, procedures, or drawings shall include appropriate quantitative or qualitative acceptance criteria for determining that important activities have been satisfactorily accomplished. Work Order 1206254, "Clean Tube Side of Lube Oil Coolers," dated January 10, 2010, was a quality document that the licensee used to perform maintenance on the safety-related 2A diesel generator upper lube oil cooler. Technical Specification 3.8.1.b limiting condition for operation requires two diesel generators to be operable and capable of supplying the onsite Class 1E alternating current electrical power distribution system during Modes 1 through 4. Action Statement 3.8.1.B.5 requires, in part, that if one diesel generator is inoperable, then it must be restored to operable within 14 days and 3.8.1.G requires, in part, that if the required action for 3.8.1.B.5 was not met, then the plant was to be in Mode 3 within 6 hours and Mode 5 within 36 hours.

Contrary to the above, Work Order 1206254 did not contain appropriate quantitative or qualitative acceptance criteria to ensure upper lube oil cooler operability prior to returning the 2A diesel generator to service on January 17, 2010. Specifically, work order package 1206254 did not contain a final torque verification to ensure that the 2A diesel generator upper lube oil cooler spool piece connections were torqued to the required values. As a result, the torqued spool piece flange connection to the upper lube oil cooler did not meet the minimum torque ranges specified in the work order, and, subsequently, during routine testing on November 17, 2010, the flange connection on the 2A diesel generator upper lube oil cooler failed. The 2A diesel generator was inoperable since January 17, 2010, and, because the licensee was not aware of the inoperability, the allowed outage time in Action Statement 3.8.1.B.5 of 14 days was exceeded and the conditions of 3.8.1.G were not followed.

This violation is associated with a White Significance Determination Process finding.

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to be taken to correct the violation and prevent recurrence, and the date when full compliance was achieved, is already adequately addressed on the docket in Inspection Report No. 05000455/2011011. However, you are required to submit a written statement or explanation pursuant to 10 CFR 2.201 if the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to respond, clearly mark your response as a "Reply to a Notice of Violation, EA-11-014," and send it to the

ENCLOSURE

Notice of Violation

-2-

U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington, DC 20555-0001, with a copy to the Regional Administrator and the Enforcement Officer, Region III, 2443 Warrenville Road, Suite 210, Lisle, IL 60532, within 30 days of the date of the letter transmitting this Notice of Violation (Notice).

If you contest this enforcement action, you should also provide a copy of your response, with the basis for your denial, to the Director, Office of Enforcement, U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001.

If you choose to respond, your response will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. Therefore, to the extent possible, the response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction.

In accordance with 10 CFR 19.11, you may be required to post this Notice within two working days of receipt.

Dated this 14th day of March 2011

ENCLOSURE

The NRC has concluded that information regarding the reason for the violation, the corrective actions taken and planned to be taken to correct the violation and prevent recurrence, and the date when full compliance was achieved, is already adequately addressed on the docket in Inspection Report No. 05000455/2011011. Therefore, you are not required to respond to this letter unless the description therein does not accurately reflect your corrective actions or your position. In that case, or if you choose to provide additional information, you should follow the instructions specified in the enclosed Notice.

As a result of our review of Byron's performance, including this White finding, we have assessed you to be in the Regulatory Response column of the NRC's Action Matrix. Therefore, we plan to conduct a supplemental inspection using Inspection Procedure, 95001, "Inspection for One or Two White Inputs in a Strategic Performance Area," when your staff has notified us of your readiness for this inspection. This inspection procedure is conducted to provide assurance that the root cause and contributing causes of risk significant performance issues are understood, the extent of condition and the extent of cause are identified, and the corrective actions are sufficient to prevent recurrence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if any, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>. To the extent possible, your response should not include any personal privacy, proprietary, or safeguards information so that it can be made available to the public without redaction. The NRC also includes significant enforcement actions on its Web site at <http://www.nrc.gov/reading-rm/doc-collections/enforcement/actions>.

Sincerely,
/RA/

Mark A. Satorius
Regional Administrator

Docket No. 050-00455
License No. NPF-66

Enclosure:
Notice of Violation

cc w/encl: Distribution via ListServ

DISTRIBUTION:

See next page

FILE NAME: G:\ORAI\IICS\ENFORCEMENT\Enforcement Cases 2011\EA-11-014 Byron\EA-11-014
Byron final action.docx

☒ Publicly Available, non-sensitive

OFFICE	RIII	RIII	RIII	OE	RIII	RIII
NAME	Lougheed	Duncan	West	Hott for Zimmerman ¹	Orth	Satorius
DATE	03/9/11	03/9/11	03/14/11	03/07/11	03/14/11	03/14/11

OFFICIAL RECORD COPY

¹ OE concurrence received via e-mail from C. Hott on March 07, 2011.

Letter to Michael J. Pacilio from Mark A. Satorius, dated March 14, 2011

SUBJECT: BYRON STATION, UNIT 2; FINAL SIGNIFICANCE DETERMINATION
OF WHITE FINDING, WITH ASSESSMENT FOLLOWUP AND NOTICE OF
VIOLATION; NRC INSPECTION REPORT NO. 05000455/2011012

DISTRIBUTION:

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Steven Orth
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Allan Barker
Viktoria Mitlyng
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Carole Ariano
Linda Linn
DRPIII
DRSIII
Patricia Buckley
Tammy Tomczak
ROPreports Resource

From: [PMDAInfoNotice_Resource](#)
To: [NRR_Distribution](#)
Subject: FRIENDLY REMINDER: THIRD QUARTER EXTERNAL AWARD RECOMMENDATIONS BEING ACCEPTED
Date: Tuesday, March 15, 2011 4:19:20 PM

- PMDA INFORMATION NOTICE -
Tuesday, March 15, 2011

IN NUMBER: 11-028

CONTACT: Anne Silk (Anne.Silk@nrc.gov), Ext. 1061

In an effort to be all-inclusive and in support of the agency's Open, Collaborative Work Environment, the Leadership Team (LT) would like to extend the opportunity to all NRR staff to submit names for consideration for the third quarter external awards listed below. The LT will consider all submissions and provide final recommendations to the Executive Review Board. If your nomination is approved, you will be notified and will receive further instructions for developing a final nomination package.

For each recommendation, please provide the individual's name and a brief description (2-3 paragraphs) of why the nominee meets the qualification and should be considered for the award you identified. You may recommend yourself or someone you believe should be considered for the award.

NRR's third quarter external award recommendations should be submitted electronically to Anne Silk by **COB Friday, March 25, 2011**.

Third Quarter External Awards	
Women of Color STEM Conference Awards – Achievement Award (professional or career)	<p>Similar to the Black Engineer of the Year awards program, Career Communications Group sponsors this award to create an awareness of the vast talent pool of talented and accomplished minorities and dispel myths of lack of achievement. In addition, awardees serve as role models who can excite and inspire young people to reach their own potential. The awards are presented at the Women of Color STEM Conference in October. The agency is only soliciting nominations for the Achievement Awards (career or professional), not the peer review awards.</p> <p>Due: May 15, 2011 Email: dcarroll@ccgmag.com Homepage: http://www.womenofcolor.net/ More Information: Nomination Form</p>
AICPA Outstanding CPA in Government Award	<p>To recognize government employees who are members of the AICPA and/or a state CPA society. Employees who have been retired for less than one year are also eligible. Employees distinguished by having made a sustained and significant contribution to the increased efficiency and effectiveness of his/her government organization. By having made a significant contribution to the growth and enhancement of the profession and to state and national professional organizations.</p> <p>Due: May 14, 2011 Contact: Nancy-Anne Potts Email: npotts@aicpa.org Homepage: http://fmcenter.aicpa.org/Community/Outstanding+CPA+in+Government.htm</p>
GSA Achievement Awards for Real Property Innovation	<p>GSA focuses on three topic areas for the award program: Asset Management, Sustainability, and Workplace Innovation. Exemplary entries receive cash awards, publication, and possible adoption of the best practice across the federal government.</p> <p>Due: May 2011 Contact: Patrice Walker, (202) 208-7639 Email: patrice.walker@gsa.gov</p>

AD/335

	Homepage: http://www.gsa.gov/realpropertyawards
Frank B. Rowlett Award	<p>This award recognizes major contributions by individuals and organizations whose efforts have significantly enhanced the advancement of information assurance in security related areas either classified or unclassified.</p> <p>Due: May 2011 Contact: Rowlett@radium.ncsc.mil, 410-854-1650 Webpage: http://www.nsa.gov/ia/ia_at_nsa/rowlett_awards/background.shtml</p>
June	
Hispanic Engineer of the Year Award	<p>Presented for overall leadership and technical achievement. This individual is selected from among the top candidates submitted in all professional categories. This honoree can be a leader working in any area of science, engineering and technology, including research, technology development or technology management. Technology leaders considered for this are meeting the demands of today's rapidly advancing technology and dynamic economic environment. They have mastered the art of managing multi-skilled teams to solve complex technical and business problems.</p> <p>Due: June 2011 Contact: 323-262-0997 Homepage: http://www.greatmindsinstem.org/henaac/nominations/</p>

If you have any questions, please contact Anne Silk at 415-1061.

Mary S. Givvines, Director
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation

From: PMDAInfoNotice Resource
To: NRR Distribution
Subject: CALL FOR NOMINATIONS FOR THE FIRST QUARTER (CY) PMDA IMAGE AWARD
Date: Tuesday, March 15, 2011 4:23:08 PM

- PMDA INFORMATION NOTICE -
Tuesday, March 15, 2011

IN NUMBER: 11-029

CONTACT: Anne Silk (Anne.Silk@nrc.gov), Ext. 1061

This is a call for nominations for the First Quarter (CY) PMDA Image Award. This award is presented to a PMDA employee who, for the past quarter, has demonstrated commitment, professionalism, and service excellence. This employee's attitude and conscientious approach to their work make them not only a good example, but also adds a positive contribution to the goals of the Office. If you would like to recognize a PMDA employee, please submit a nomination to Anne Silk (Anne.Silk@nrc.gov) by **COB on Friday, April 15, 2011**. For more information, further guidance, and the nomination form, please see: <http://nrr10.nrc.gov/nrr-office/pmda/communications/pmda-image-guidance.cfm>.

If you have any questions, please contact Anne Silk at 415-1061.

Rohn E. Brown, Branch Chief
Human Capital Branch
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation

AD/336

From: Virgilio, Martin
To: Cianci, Sandra
Subject: Fw: Chairman's Budget Guidance
Date: Tuesday, March 15, 2011 4:33:29 PM
Importance: High

FYI

From: Ellis, Marv
To: Taylor, Renee; Smolik, George; Golder, Jennifer; Powell, Marlon; Brown, Milton; Borchardt, Bill; Ash, Darren; Weber, Michael; Muessle, Mary; Virgilio, Martin; Hudson, Sharon; Matakas, Gina; Miles, Patricia; Buckley, Patricia; Owen, Lucy; Collins, Elmo; Satorius, Mark; Reyes, Luis; Casto, Chuck; Dapas, Marc; Kelley, Corenthis; Sheron, Brian; Boyce, Thomas (OIS); McCrary, Cheryl; Zimmerman, Roy; Wiggins, Jim; Leeds, Eric; Johnson, Michael; Haney, Catherine; Cohen, Miriam; Miller, Charles; Howard, Patrick; Greene, Kathryn; Doane, Margaret; Poole, Brooke; Schmidt, Rebecca; Brenner, Eliot; Vietti-Cook, Annette; Burns, Stephen; Hackett, Edwin; Jacobs-Baynard, Elizabeth; Kasputys, Clare; McCree, Victor; Dubose, Sheila
Cc: Administrative ServicesCenter; Telecom Contractor
Sent: Tue Mar 15 15:07:37 2011
Subject: Chairman's Budget Guidance

The Chairman's budget guidance meeting scheduled for Thursday 10-11:30 am is postponed until sometime next week. Sharon will coordinate a new time and date.

Thank you.

Marv Ellis
Administrative Assistant
Office of the Chief Financial Officer
U.S. Nuclear Regulatory Commission
T-9F6
301.415.7501
marv.ellis@nrc.gov

AD/337

From: Calvo, Antony
To: Bellosi, Susan
Cc: Coe, Doug; Bonaccorso, Amy
Subject: RE: ACTION: Web page mark ups
Date: Tuesday, March 15, 2011 4:39:46 PM

Susan,

For your review.

<http://nrcweb.nrc.gov:8600/stayconnected/index.html>

Thanks. I think it is ready to go.

Antony

From: Bellosi, Susan
Sent: Wednesday, March 09, 2011 9:38 AM
To: Calvo, Antony
Subject: FW: ACTION: Web page mark ups

Hi, Antony,

Here you go. Let me know if you have any questions. Under ADM's Mission, please delete the last sentence.

Thanks again,
Susan

AD/338

From: Thomas, Eric
To: Leeds, Eric; Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Boger, Bruce; Schwarz, Sherry
Subject: RE: ACTION: Ops Center Watch bill
Date: Tuesday, March 15, 2011 4:56:11 PM

Eric,

I expect to be in tomorrow morning. I have the swing shift over with the RST from 3-11 so I will be coming in a little later than normal in the morning, say between 9:00 and 10:00. I will come find you then.

Eric T.

From: Leeds, Eric
Sent: Tuesday, March 15, 2011 4:46 PM
To: Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Thomas, Eric; Boger, Bruce; Schwarz, Sherry
Subject: ACTION: Ops Center Watch bill

I need to discuss the actions going forward for NRR to support the Ops Center watch bill with DIRS. Please send Mr. Thomas, or his backup, tomorrow am so we can get started. Thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/339

From: Boger, Bruce
To: Grobe, Jack
Subject: FW: Anything you want us to mention Wednesday on the DRA call?
Date: Tuesday, March 15, 2011 5:08:33 PM

From: Wert, Leonard
Sent: Tuesday, March 15, 2011 5:05 PM
To: Croteau, Rick
Cc: Boger, Bruce; Munday, Joel; Lee, Pamela
Subject: RE: Anything you want us to mention Wednesday on the DRA call?

Rick,
My conflict with the DRA call tomorrow has been removed, I will participate in the call.
Thanks, Len

From: Croteau, Rick
Sent: Tuesday, March 15, 2011 4:29 PM
To: Wert, Leonard
Subject: Anything you want us to mention Wednesday on the DRA call?

AD/340

From: Evans, Michele
To: Boger, Bruce
Cc: Grobe, Jack; Leeds, Eric
Subject: RE: Watchbill Change
Date: Tuesday, March 15, 2011 5:13:03 PM

Got it and forwarded it.

From: Boger, Bruce
Sent: Tuesday, March 15, 2011 5:08 PM
To: Evans, Michele
Cc: Grobe, Jack; Leeds, Eric
Subject: Watchbill Change

I don't know who is tracking this formally, but I figured that you would know. I'm going to take a couple of shifts for Jack as the ET Director—3pm to 11pm on 3/16 and 3/18.

AD/341

From: Leeds, Eric
To: Thomas, Eric
Subject: RE: ACTION: Ops Center Watch bill
Date: Tuesday, March 15, 2011 5:21:00 PM

Thanks, Eric!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Thomas, Eric
Sent: Tuesday, March 15, 2011 5:12 PM
To: Leeds, Eric; Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Boger, Bruce; Schwarz, Sherry
Subject: RE: ACTION: Ops Center Watch bill

Eric,

I just received notification that I was actually removed from the Ops Center Watchbill. Therefore I will be in at normal time tomorrow and will check in with you regarding this matter.

Eric T.

From: Leeds, Eric
Sent: Tuesday, March 15, 2011 4:46 PM
To: Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Thomas, Eric; Boger, Bruce; Schwarz, Sherry
Subject: ACTION: Ops Center Watch bill

I need to discuss the actions going forward for NRR to support the Ops Center watch bill with DIRS. Please send Mr. Thomas, or his backup, tomorrow am so we can get started. Thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/342

McKelvey, Harold

From: Collins, Elmo
Sent: Tuesday, March 15, 2011 5:21 PM
To: Maier, Bill; LIA04 Hoc; Howell, Art; Howell, Linda
Subject: RE: 1600 call.

I have great confidence in your ability to represent NRC well and to communicate pertinent information well
Elmo

-----Original Message-----

From: Maier, Bill
Sent: Tuesday, March 15, 2011 5:16 PM
To: Collins, Elmo; LIA04 Hoc; Howell, Art; Howell, Linda
Subject: FW: 1600 call.
Importance: High

I'm going to try to get on this call and am not afraid to appear foolish if I can't answer any questions.

-----Original Message-----

From: Lee Shin [<mailto:Lee.Shin@calema.ca.gov>]
Sent: Tuesday, March 15, 2011 4:47 PM
To: Maier, Bill
Subject: 1600 call.

Bill can you join us? 1600 PST. State Local and Federal Agency call. Your participation would be greatly appreciated. Lee

AD/343

Owen, Lucy

From: Freeman, Denise
Sent: Tuesday, March 15, 2011 5:28 PM
To: Collins, Elmo; Howell, Art; Cain, Chuck; Whitten, Jack; Taylor, Nick; Kellar, Ray; Maier, Christi; Holland, Crystal; Owen, Lucy; Tannenbaum, Anita; Sanfilippo, Nathan; Raspa, Rossana; R4DNMS_MS-A; RidsEdoMailCenter Resource; RidsSecyMailCenter Resource
Cc: Caniano, Roy
Subject: ML110740836: Response to Mrs. Millar of AIX
Attachments: Response to Mrs. Millar.doc

Denise



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
612 EAST LAMAR BLVD, SUITE 400
ARLINGTON, TEXAS 76011-4125

March 15, 2011

Mrs. Caroline A. Millar,
Secretary and Treasurer
Alaska Industrial X-ray, Inc.
4047 Kingston Drive
Anchorage, Alaska 99504

SUBJECT: LETTER DATED NOVEMBER 3, 2009, WITH ADDITIONAL LETTER DATED
FEBRUARY 3, 2011

Dear Mrs. Millar:

I am responding to your letter to Chairman Jaczko in which you expressed concern over actions which the Nuclear Regulatory Commission (NRC) has taken against Alaska Industrial X-Ray, Inc. (AIX). Your letter stated that in 2008 AIX was imposed a penalty by the NRC for possible safety issues which "might have occurred" to the general public in regard to safety issues that never occurred. You also expressed concern that the NRC has unreasonably harassed your company because there has never been an accident and that it was a former competitor who made the NRC aware of the failure to observe the "two-man rule." In addition, you indicated that the NRC wants you to come to Texas or hire an outside mediator for recent regulatory issues.

We acknowledge that since the issuance of the AIX license there has not been an incident or an event with actual safety consequences. Notwithstanding that fact, there have been significant violations which have occurred in the past with AIX, including the 2008 enforcement actions associated with violating the two-person rule (10 CFR 34.41(a)) that, if left uncorrected, clearly could have led to an event with serious health and safety consequences. In accordance with our enforcement policy, actions can and will be taken for violations that have a potential for impacting health and safety, not just for violations that resulted in actual safety or security consequences. In other words, the NRC is trying to prevent significant accidents by identifying violations that we consider significant, such as the two-person rule, and taking enforcement action when those violations occur. The NRC will take stronger enforcement action if a violation results in an actual safety consequence (e.g., an overexposure). This is described in Section 2.0 of the NRC Enforcement Policy, which can be accessed on the NRC's Web site at www.nrc.gov/about-nrc/regulatory/enforcement/enforce-pol.html.

Regarding your comment associated with coming to Texas or hiring an outside mediator, the circumstances surrounding that are associated with the recent NRC inspection and Office of Investigations review of activities authorized by your license and compliance with the August 20, 2008, Order Modifying License. That Order was issued as a result of the violations associated with the enforcement actions taken in 2008. The results of the recent inspection and

investigation were issued to AIX on March 3, 2011, and as referenced in that correspondence, two apparent violations are being considered for escalated enforcement, one of which might involve willfulness. That case is ongoing and the NRC has not made any conclusions on whether violations occurred and whether enforcement action will be taken. As discussed in a telephone conversation between members of my staff and Messrs. Pete and Don Millar on March 7, 2011, we provided AIX an opportunity to discuss these matters further either in a predecisional enforcement conference or as part of the agency's Alternative Dispute Resolution process. On March 9, 2011, we were informed that AIX agreed to participate in the Alternative Dispute Resolution process associated with one of the apparent violations. We were also informed that AIX would be submitting additional information to this office concerning the second apparent violation. Our review of that additional information will determine whether a predecisional enforcement conference is warranted. If so, we will arrange for that conference to be conducted within the same time frame as the Alternative Dispute Resolution and, as discussed with Mr. Don Millar, the meeting will be conducted closer to your facilities.

In conclusion, while I understand your concerns, the NRC has an obligation to take action against licensees for significant violations that have the potential for significant safety problems, before they result in actual significant consequences. In addition, the NRC considers willful violations of particular concern and the NRC can take stronger enforcement action if a violation involves willfulness. Based on past inspection results and the recent findings currently being evaluated, the NRC's actions involving AIX have been in accordance with the NRC Enforcement Policy and in the interest of safety and security.

Should you have any further questions, please feel free to contact Mr. Roy Caniano, Director, Division of Nuclear Materials Safety. He can be reached at 817-860-8106.

Sincerely,

/RA/

Elmo E. Collins
Regional Administrator

Docket: 030-10346
License: 50-16084-01

cc w/enclosure via e-mail:

E. Collins, RA

A. Howell, DRA

C. Cain, DD:DNMS

J. Whitten, C:NMSB-B

N. Taylor, ACES

R. Kellar, ACES

C. Maier, ACES

R. Raspa, OIG

C. Holland, OI

N. Sanfilippo, OEDO RIV Coordinator

RidsSecyMailCenter Resource

RidsEdoMailCenter Resource

L. Owen, RA Secretary

A. Tannenbaum, DRA Secretary

R4DNMS_MS-A

Hard copy:

RIV Materials Docket File

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ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> SUNSI Rev Complete	Reviewer Initials:	VHC
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive Value:	nonsensitive	
RIV:C:NMSB-A	D:DNMS	ACES	DRA	RA
VHCampbell;dlf	RJCaniano	RLKellar	ATHowell	EECollins
/RA/	/RA/	/RA/	/RA/	/RA/
3/8/11	3/8/11	3/8/11	3/15/11	3/15/11

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

From: Sheron, Brian
To: Sosa, Belkys
Cc: Uhle, Jennifer; Case, Michael; Richards, Stuart
Subject: RE: Feedback
Date: Tuesday, March 15, 2011 5:28:28 PM

We'll resend it. With all the big bucks you guys earn up there, it will look like chump change to you.....

From: Sosa, Belkys
Sent: Tuesday, March 15, 2011 5:04 PM
To: Sheron, Brian
Cc: Uhle, Jennifer; Case, Michael; Richards, Stuart
Subject: RE: Feedback

Must be in the mail...

From: Sheron, Brian
Sent: Tuesday, March 15, 2011 5:00 PM
To: Sosa, Belkys
Cc: Uhle, Jennifer; Case, Michael; Richards, Stuart
Subject: RE: Feedback

Borrow? I thought we rented him to you. Haven't you received the bill yet?

From: Sosa, Belkys
Sent: Tuesday, March 15, 2011 4:46 PM
To: Sheron, Brian
Cc: Uhle, Jennifer; Case, Michael; Richards, Stuart
Subject: Feedback

Brian,

I have been meaning to convey my appreciation for your assistance in letting us borrow Rob Tregoning for 1.5 months. He did a wonderful job with every task we gave him during his rotation, from Commission policy formulation regarding the expert elicitation process to other challenging technical and regulatory issues such as GSI191 and 50.46a. Rob facilitated the approval process for the expert elicitation COM among all the Commissioners offices with both written and oral information and advice. He kept me informed when necessary and resolved several policy issues independently. In short, his service was truly outstanding. Commissioner Apostolakis and the staff greatly appreciated his contributions and very much enjoyed working with him.

Thanks,
Belkys Sosa
Chief of Staff
Commissioner Apostolakis

AD/345

From: [Dehn, Jeff](#)
To: [Wood, Jeffery](#)
Cc: [Coyne, Kevin](#); [Sangimino, Donna-Marie](#); [Eisenberg, Wendy](#)
Subject: ICDE Renewal Signed
Date: Tuesday, March 15, 2011 5:29:28 PM

Hi Jeff,

Just letting you know that Brian has signed the ICDE agreement after getting all the necessary concurrences. Our team can send over the signed version to NEA, unless you're aware of some other step that they've requested of you.

Thank you,
Jeff

Jeff Dehn

International Relations Specialist
Office of Nuclear Regulatory Research (RES)
US Nuclear Regulatory Commission
jeff.dehn@nrc.gov
301-251-7672
C-6D22

AD/346

From: Leeds, Eric
To: Ruland, William
Subject: FW: SRM - SECY-11-0014 - Use of Containment Accident Pressure in Analyzing Emergency Core Cooling System and Containment Heat Removal System Pump Performance in Postulated Accidents
Date: Tuesday, March 15, 2011 5:31:00 PM
Attachments: SecureZIP Attachments.zip

How 'bout that?

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Nguyen, Quynh
Sent: Tuesday, March 15, 2011 3:27 PM
To: Leeds, Eric; Boger, Bruce; Grobe, Jack
Cc: Ruland, William; Meighan, Sean
Subject: FW: SRM - SECY-11-0014 - Use of Containment Accident Pressure in Analyzing Emergency Core Cooling System and Containment Heat Removal System Pump Performance in Postulated Accidents

OPTION 1! Hoo-ah!

The Commission has approved the staff's recommended Option 1. The staff should evaluate current extended power uprate (EPU) applications, as well as future applications for new or increased credit for containment accident pressure (CAP), consistent with staff practice in implementing the current risk review guidance (Standard Review Plan Section 19.2), including the review of nonrisk-informed applications such as EPUs and the recently-developed deterministic guidance based on recommendations of the Advisory Committee on Reactor Safeguards (ACRS) to include uncertainty and margins in CAP calculations.

Because the statements in Regulatory Guide 1.174 are subject to different interpretations, the staff should revise this guide using precise language to assure that the defense-in-depth philosophy is interpreted and implemented consistently. To the extent that other regulatory guidance refers to defense in depth, the relevant documents should be updated also, as appropriate.

From: RidsNrrOd Resource
Sent: Tuesday, March 15, 2011 3:04 PM
To: Meighan, Sean
Cc: Nguyen, Quynh
Subject: FW: SRM - SECY-11-0014 - Use of Containment Accident Pressure in Analyzing Emergency Core Cooling System and Containment Heat Removal System Pump Performance in Postulated Accidents

From: RidsEdoDraftSrmVote Resource
Sent: Tuesday, March 15, 2011 10:49 AM
To: Ash, Darren; Borchardt, Bill; Boyd, Lena; Buckley, Patricia; Clarke, Deanna; Cohen, Miriam; EDO_Staff_Assistants; Flory, Shirley; Fry, Jeannie; Garland, Stephanie; Johnson, Michael; Mamish,

AD/347

Nader; Matakas, Gina; Miles, Patricia; Miller, Charles; Owen, Lucy; Riddick, Nicole; RidsAdmMailCenter Resource; RidsCsoMailCenter Resource; RidsFsmeOd Resource; RidsHrMailCenter Resource; RidsNmssOd Resource; RidsNroMailCenter Resource; RidsNrrOd Resource; RidsNsirMailCenter Resource; RidsOeMailCenter Resource; RidsOiMailCenter Resource; RidsOIS Resource; RidsResOd Resource; RidsRgn1MailCenter Resource; RidsRgn2MailCenter Resource; RidsRgn3MailCenter Resource; RidsRgn4MailCenter Resource; RidsSbcrMailCenter Resource; Thomas, Loretta; Virgilio, Martin; Walker, Dwight; Weber, Michael

Subject: FW: SRM - SECY-11-0014 - Use of Containment Accident Pressure in Analyzing Emergency Core Cooling System and Containment Heat Removal System Pump Performance in Postulated Accidents

From: Lewis, Antoinette

Sent: Tuesday, March 15, 2011 10:44 AM

To: Vietti-Cook, Annette; Baggett, Steven; Bates, Andrew; Batkin, Joshua; Blake, Kathleen; Bollwerk, Paul; Bozin, Sunny; Bradford, Anna; Brown, Theron; Bubar, Patrice; Bupp, Margaret; Burns, Stephen; Chairman Temp; Clark, Lisa; Coggins, Angela; Cordes, John; Crawford, Carrie; Cutchin, James; Davis, Roger; Fopma, Melody; Franovich, Mike; Gibbs, Catina; Hackett, Edwin; Hart, Ken; Harves, Carolyn; Hawken, Roy; Hayden, Elizabeth; Henderson, Karen; Herr, Linda; Hipschman, Thomas; Hudson, Sharon; KLS Temp; Kock, Andrea; Lepre, Janet; Loyd, Susan; Mamish, Nader; Marshall, Michael; Mitchell, Reggie; Monninger, John; Moore, Scott; OCA Distribution; OPA Resource; Orders, William; Pace, Patti; Poole, Brooke; Rabideau, Peter; Reddick, Darani; Laufer, Richard; RidsEdoDraftSrmVote Resource; RidsOcaaMailCenter Resource; RidsOcfoMailCenter Resource; RidsOgcMailCenter Resource; RidsOigMailCenter Resource; RidsOipMailCenter Resource; Bovol, Rochelle; Rothschild, Trip; Joosten, Sandy; Savoy, Carmel; Sharkey, Jeffry; Shea, Pamela; Snodderly, Michael; Sosa, Belkys; Speiser, Herald; Svinicki, Kristine; Temp, WCO; Temp, WDM; Thoma, John; Warren, Roberta; Zorn, Jason; Temp, GEA; Apostolakis, George; Tadesse, Rebecca; Butler, Gail; Perry, Jamila; Doane, Margaret; Castleman, Patrick; Montes, David; Dhir, Neha; Adler, James; Jimenez, Patricia; Muesle, Mary; Nieh, Ho; Ostendorff, William; Warnick, Greg; Pearson, Laura; Lui, Christiana

Cc: Wright, Darlene; Lewis, Antoinette

Subject: SRM - SECY-11-0014 - Use of Containment Accident Pressure in Analyzing Emergency Core Cooling System and Containment Heat Removal System Pump Performance in Postulated Accidents

(ML110740254)

In an effort to keep the NRC staff informed of Commission decisions in a timely manner, attached for your information are the Staff Requirements Memoranda (SRMs) signed by the Secretary on March 15, 2011. Please make additional distribution to interested staff members in your office.

If you have any questions, please give me a call on 415-1969.

March 15, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary /RA/

SUBJECT: STAFF REQUIREMENTS – SECY-11-0014 – USE OF
CONTAINMENT ACCIDENT PRESSURE IN ANALYZING
EMERGENCY CORE COOLING SYSTEM AND CONTAINMENT
HEAT REMOVAL SYSTEM PUMP PERFORMANCE IN
POSTULATED ACCIDENTS

The Commission has approved the staff's recommended Option 1. The staff should evaluate current extended power uprate (EPU) applications, as well as future applications for new or increased credit for containment accident pressure (CAP), consistent with staff practice in implementing the current risk review guidance (Standard Review Plan Section 19.2), including the review of nonrisk-informed applications such as EPUs and the recently-developed deterministic guidance based on recommendations of the Advisory Committee on Reactor Safeguards (ACRS) to include uncertainty and margins in CAP calculations.

Because the statements in Regulatory Guide 1.174 are subject to different interpretations, the staff should revise this guide using precise language to assure that the defense-in-depth philosophy is interpreted and implemented consistently. To the extent that other regulatory guidance refers to defense in depth, the relevant documents should be updated also, as appropriate.

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
OGC
CFO
OCA
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR

From: Leeds, Eric J
To: Sharkey, Jeffry
Subject: RE: A moment of your time...to better understand...can I come down or are you able to come up here?
Date: Tuesday, March 15, 2011 5:34:00 PM

No problem. I'll be happy when its out. Thanks for your help!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Sharkey, Jeffry
Sent: Tuesday, March 15, 2011 5:29 PM
To: Leeds, Eric
Subject: Re: A moment of your time...to better understand...can I come down or are you able to come up here?

Eric,

KLS shared high points of your discussion. We're good.

Thx for all you're doing.

Jeff

From: Leeds, Eric
To: Sharkey, Jeffry
Sent: Tue Mar 15 17:20:14 2011
Subject: RE: A moment of your time...to better understand...can I come down or are you able to come up here?

Come on down!!! 13-D-18

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Sharkey, Jeffry
Sent: Tuesday, March 15, 2011 4:21 PM
To: Leeds, Eric
Subject: A moment of your time...to better understand...can I come down or are you able to come up here?

NRR

~~(OUO-SII)~~

On March 11, the staff informed the Commission that it intended to issue a

AD/348

renewed license to the Vermont Yankee Nuclear Power Station (VYNPS) on March 16. In light of recent international events, the staff has decided to delay the issuance of the VYNPS renewed license so that it can better prepare needed communication messages for internal and external stakeholders. The staff will provide advanced notice to the Commission of a rescheduled license issuance date.

Jeffrey M. Sharkey
Chief of Staff
Office of Commissioner Kristine L. Svinicki
US Nuclear Regulatory Commission
301-415-1867 (w)
301-415-1863 (fax)

From: Leeds, Eric
To: Holian, Brian; Galloway, Melanie
Cc: Boger, Bruce; Grobe, Jack
Subject: VY next week
Date: Tuesday, March 15, 2011 5:36:00 PM

Sorry about the delay on this. Let's make sure we're ready to go next week. I'll be happy when its out!

Thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/349

From: Langlie, Liz
To: Brown, Frederick
Cc: Leeds, Eric; Rihm, Roger
Subject: RE: Re: Conversion of older records to electronic formats - a question at the RIC today 3/8/2011 - FYI
Date: Tuesday, March 15, 2011 6:14:26 PM
Attachments: image001.png

Thanks very much, Fred. I will pass this onto the appropriate staff.

Liz

From: Brown, Frederick
Sent: Tuesday, March 08, 2011 10:58 AM
To: Langlie, Liz
Cc: Leeds, Eric; Rihm, Roger
Subject: FW: Re: Conversion of older records to electronic formats - a question at the RIC today 3/8/2011 - FYI

Liz,

Not sure who the session coordinator for Bill's speech is, but they may want to consider the information below.

Fred

From: Brown, Frederick
Sent: Tuesday, March 08, 2011 10:57 AM
To: King, Mark
Cc: Thorp, John
Subject: RE: Re: Conversion of older records to electronic formats - a question at the RIC today 3/8/2011 - FYI

Thanks, I'll forward to PMDA for consideration of updating the response on the web, post-RIC.

From: King, Mark
Sent: Tuesday, March 08, 2011 10:41 AM
To: Brown, Frederick
Cc: Thorp, John
Subject: Re: Conversion of older records to electronic formats - a question at the RIC today 3/8/2011 - FYI

Fred,

I listened to the EDO's Bill Borchardt speech at the RIC on webcast today 3/8/2011... and to the question and the answer session afterwards.

Eric Leeds also helped respond to a question implying that most records from the (pre-ADAMS) era....the early 1990's and 1980's have now been added electronically into ADAMS... and the only ones he was aware of that may not be are the very old ones from the 1970's... I don't believe this is entirely accurate. A tremendous amount have been added, however...

AD/350

I saw this item from a recent **public NRC BLOG** item (pasted below):

gmax137 February 7, 2011 at 3:22 pm

I'd like to see more of the older documents available for download (as pdf files). I'm very interested in things that happened long ago and **most of the documents are available only in microfilm.**



Moderator February 9, 2011 at 11:20 am

We agree that it would be good to have more of our older information in an electronic format that could be viewed online. These older records are stored offsite in paper form. **When NRC staff members require the older records for their work, we recall them from storage and digitize them.** We're currently storing about **50,000 cubic feet of paper records offsite**, a subset of which is the original paper from which the microfiche was made. While we would like to do more, at this time, **given current resources, we are able to digitize only about 200 cubic feet of records per year.**

Francine F. Goldberg
Co-chair, **NRC Open Government Advisory Group**

*Base on the above item response it should be noted... if we have 50,000 cubic feet and we move only 200 cubic feet of records per year to electronic format **that means all our old paper/ microfiche records should be moved over / converted in ~ 250 years !***

*This movement of older records is not a high priority item currently...especially given the current budget climate and demand for these items.
However, when agency personnel find a document that needs to be digitize (say during our OpE reviews) the ADAMS folks are very helpful and willing to support those requests... on a case-by-case basis for those particular items.*

***Just FYI, I leave it to your judgment if this should be forwarded / discussed with Eric Leeds and Bill Borchardt, and the agency answer corrected at the RIC.
Mark***

Mark King
Senior Reactor Systems Engineer
NRR/ADRO/DIRS/IOEB
Operating Experience Branch
301-415-1150
Mark.King@nrc.gov

Matakas, Gina

From: Sheehan, Neil
Sent: Tuesday, March 15, 2011 6:34 PM
To: Barkley, Richard; Dean, Bill; Lew, David
Subject: Re: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

Yes. It will be webcast.

Neil Sheehan
NRC Public Affairs Officer
Sent from NRC Blackberry

----- Original Message -----

From: Barkley, Richard
To: Dean, Bill; Sheehan, Neil; Lew, David
Sent: Tue Mar 15 18:21:02 2011
Subject: FW: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

I am searching for intelligence on this -Even Bill Borchardt's secretary had not heard of this possible Senate hearing Thursday.

From: Rihm, Roger
Sent: Tuesday, March 15, 2011 5:10 PM
To: Taylor, Renee; Landau, Mindy; Ellmers, Glenn; Barkley, Richard
Subject: RE: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

Me neither.

From: Taylor, Renee
Sent: Tuesday, March 15, 2011 5:05 PM
To: Landau, Mindy; Rihm, Roger; Ellmers, Glenn; Barkley, Richard
Subject: RE: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

I haven't heard anything.

From: Landau, Mindy
Sent: Tuesday, March 15, 2011 5:00 PM
To: Rihm, Roger; Ellmers, Glenn; Barkley, Richard; Taylor, Renee
Subject: RE: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

Did you hear about a Senate hearing on Thursday?

From: Rihm, Roger
Sent: Tuesday, March 15, 2011 5:00 PM
To: Landau, Mindy; Ellmers, Glenn; Barkley, Richard; Taylor, Renee
Subject: FW: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

One way to watch the hearing tomorrow. Don't share this with the world - we don't want to overload their site!

From: Shane, Raeann

Sent: Tuesday, March 15, 2011 4:57 PM

To: Rihm, Roger

Subject: FW: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

FYI, to watch the hearing.

From: Decker, David

Sent: Tuesday, March 15, 2011 1:14 PM

To: Belmore, Nancy

Cc: OCA Distribution

Subject: RE: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

Here's what I've told the people who've asked (not sure why this is all Caps):

To access a webcast of the hearing tomorrow, go to:

<http://energycommerce.house.gov>, then click on committee actions, then hearings, then watch hearings live. Committee membership is below (I highlighted the people I am eager to see talk in Red):

Hearing

The FY2012 Department of Energy and Nuclear Regulatory Commission Budgets

March 16, 2011

The Subcommittee on Energy and Power and the Subcommittee on Environment and the Economy have scheduled a joint hearing on Wednesday, March 16, 2011, at 9:30 a.m. in 2123 Rayburn House Office Building. The hearing is entitled "The FY2012 Department of Energy and Nuclear Regulatory Commission Budgets."

Background

Memo<<http://Republicans.EnergyCommerce.house.gov/Media/file/Hearings/Energy/031611/BackgroundMemo.pdf>>

Witness List

The Honorable Steven Chu

Secretary

U.S. Department of Energy

The Honorable Gregory Jaczko

Chairman

U.S. Nuclear Regulatory Commission

Additional Witnesses to be Announced

From: Belmore, Nancy

Sent: Tuesday, March 15, 2011 1:09 PM

To: Decker, David

Subject: Will the hearing tomorrow be Webcast (Ostendorff's office wants to know)?

Nancy Belmore

Office of Congressional Affairs
U.S. Nuclear Regulatory Commission
nancy.belmore@nrc.gov
301-415-1776

From: Coyne, Kevin
To: Correia, Richard
Cc: Coe, Doug
Subject: RE: SRM - Another one coming your way
Date: Tuesday, March 15, 2011 7:05:00 PM
Attachments: RE SRM - COMGEA-11-0001 - Utilization of Expert Judgment in Regulatory Decision Making.msg

Rich –

Sorry for the delay in getting back to you – it's been a busy budget/Level 3 PRA coordination day... I think the quick answer to your question is "yes" – DRA will likely have the lead, but since the expert judgment expertise is spread throughout the agency there will be a strong coordination role.

In the way of background, this topic has been raised by Commissioner Apostolakis before, and in fact was included in the most recent biennial ACRS review of research program (NUREG-1635). A quick excerpt:

Continuing Gaps: We have been urging NRC to develop agency-wide common approaches for the treatment of uncertainties and elicitation of expert opinions, for many years. Individual research projects and regulatory applications continue to be developed and presented to the ACRS that invent "new" approaches for dealing with uncertainties or, worse, ignore them altogether.

The ACRS has discussed the need for an agency-wide common approach for the elicitation of expert opinions in the past. Development of risk information for regulatory decision-making requires often the elicitation of expert opinions. Important examples include the evaluation of the frequencies of LOCAs of various sizes in the context of the efforts to risk-inform 10 CFR 50.46 (NUREG-1829) and the study (jointly done with DOE and EPRI and reviewed by a National Research Council committee) focused on expert opinion elicitation in the assessment of seismic risk (NUREG/CR-6372). Of course, the first studies to formalize the use of expert opinions in nuclear plant risk assessments were conducted as a part of the NUREG-1150 Study. Numerous other examples involving expert opinion utilization can be found within the agency including examples in performance assessments for waste repositories and the ATHEANA model for human reliability assessment. Few of these studies build on previous NRC-sponsored approaches. We continue to urge that the staff combine the best attributes of these studies and develop a systematic methodology for the elicitation and processing of expert opinions that should be used agency-wide.

So, I think to answer the mail will require a good coordination effort across both internal and external stakeholders. Doug has already given Brian and Jennifer a heads up that would likely head to DRA due to our human factors and statistical experience (see attached email from Doug).

-Kevin

From: Correia, Richard
Sent: Tuesday, March 15, 2011 11:53 AM
To: Coyne, Kevin; Coe, Doug

AD/352

Cc: Stutzke, Martin; Siu, Nathan
Subject: RE: SRM - Another one coming your way

Thx Kevin. Will this be a DRA action or shared among other Divisions/Offices?

From: Coyne, Kevin
Sent: Tuesday, March 15, 2011 11:44 AM
To: Coe, Doug; Correia, Richard
Cc: Stutzke, Martin; Siu, Nathan
Subject: FW: SRM - Another one coming your way

Doug, Rich –

Another head's up from Chris – this one on the expert judgment in regulatory decision making...

Kevin

From: Lui, Christiana
Sent: Tuesday, March 15, 2011 11:14 AM
To: Coyne, Kevin
Subject: SRM - Another one coming your way

Attachment RE SRM - COMGEA-11-0001 - Utilization of Exper.msg (2560 Bytes) cannot be converted to PDF format.

From: [Coyne, Kevin](#)
To: [Marksberry, Don](#)
Cc: [Chang, Richard](#)
Subject: FW: Safety Relief Valve Comparison
Date: Tuesday, March 15, 2011 7:10:00 PM

Don –

Can you provide Richard with any information we have on safety valves. Didn't Tom Weirman at INL just finish a study recently?

Thanks!

Kevin

From: Chang, Richard
Sent: Tuesday, March 15, 2011 9:14 AM
To: Coyne, Kevin
Subject: Safety Relief Valve Comparison

Kevin,

May I ask to get a copy of the work that you guys have done with Safety Relief Valve failures?

From the last Commission TA briefing done, one of the Commission TAs asked the SOARCA team to look at the work done on SRV failures and compare it to what you guys have done so far.

Thanks,
Richard Chang
Program Manager
RES/DSA/SPB
301-251-7980

AD/353

From: Rini, Brett
To: Sheron, Brian; Uhle, Jennifer; Case, Michael; Richards, Stuart; Gibson, Kathy; Scott, Michael
Cc: Coe, Doug; Coyne, Kevin; Lien, Peter; Rivera-Lugo, Richard; Armstrong, Kenneth; Ibarra, Jose
Subject: FW: ACRS Quality Review of selected Projects
Date: Tuesday, March 15, 2011 7:26:15 PM

FYI, the ACRS has chosen the DSA and DE projects below for their annual quality review of selected research projects. Peter and I will work with the division TAs and MAs to get the specific information to the ACRS over the next few weeks.

Brett

From: Nourbakhsh, Hossein
Sent: Tuesday, March 15, 2011 1:32 PM
To: Rini, Brett
Cc: Lien, Peter; Hackett, Edwin
Subject: ACRS Quality Review of selected Projects

Brett

As you may be aware, the Committee Has selected the following projects for its 2011 annual review of quality of selected NRC research projects:

1. NUREG/CR-6969: Analysis of Experimental Data for High Burnup PWR Spent Fuel Isotopic Validation—ARIANE and REBUS Programs (UO2 Fuel)
2. NUREG/CR-7027: Degradation of LWR Core Internal Materials Due to Neutron Irradiation,

These two projects has been selected from a list of projects proposed by RES in a February 4, 2011, letter from Brian Sharon, RES Director, to Said Abdel-Khalik, ACRS Chairman.

These reports are available on the NRC web. However, the Committee would also like a copy of the Statement of the Work (SOW) for these projects. We would like to have these SOWs before the next ACRS meeting (April 7-9, 2011).

Thanks,
Hossein

Hossein Nourbakhsh, Ph.D.
Senior Technical Advisor
Advisory Committee on Reactor Safeguards
U.S. Nuclear Regulatory Commission
Tel: (301)415-5622

AD/384

From: Csontos, Aladar
To: Case, Michael; Richards, Stuart
Cc: Stevens, Gary
Subject: BWR Mark 1 Containment Issue - Torus
Date: Tuesday, March 15, 2011 7:45:41 PM

Mike,

Just need to inform you about potential issues that are starting to make it in the press on the Mark 1 containment. 1) Mark 1 had design issues back in the 80's that led to lawsuits by licensees and 2) torus corrosion questions regarding reduced stress margins led a contentious debate with ACRS over the Oyster Creek license renewal and others.

Both have tons of publically available reports that may come up while the Japan issues get sorted out especially regarding our 23 Mark 1 BWRs. Gary briefed me about this before the press rediscovered the issues. If you want a brief tomorrow am, just let me know.

Al

AD/355

From: Uhle, Jennifer
To: Richards, Stuart; Case, Michael; Hogan, Rosemary
Cc: Ake, Jon; Sheron, Brian
Date: Tuesday, March 15, 2011 8:48:11 PM

Jon did a great job in getting information to me to support the chairman's preparation for tomorrow committee briefing downtown. I wanted to express my appreciation. He always does an outstanding job in answering my questions.

J

AD/356

From: Brown, Frederick
To: Thomas, Eric; Leeds, Eric; Westreich, Barry
Cc: Thorp, John; Boger, Bruce
Subject: Re: ACTION: Ops Center Watch bill
Date: Tuesday, March 15, 2011 9:20:29 PM

John started on this yesterday afternoon, and Michele Evans has started actions as well.

From: Thomas, Eric
To: Leeds, Eric; Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Boger, Bruce; Schwarz, Sherry
Sent: Tue Mar 15 17:12:21 2011
Subject: RE: ACTION: Ops Center Watch bill

Eric,

I just received notification that I was actually removed from the Ops Center Watchbill. Therefore I will be in at normal time tomorrow and will check in with you regarding this matter.

Eric T.

From: Leeds, Eric
Sent: Tuesday, March 15, 2011 4:46 PM
To: Brown, Frederick; Westreich, Barry
Cc: Thorp, John; Thomas, Eric; Boger, Bruce; Schwarz, Sherry
Subject: ACTION: Ops Center Watch bill

I need to discuss the actions going forward for NRR to support the Ops Center watch bill with DIRS. Please send Mr. Thomas, or his backup, tomorrow am so we can get started. Thanks!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AD/357

Dean, Bill

From: Dean, Bill
Sent: Tuesday, March 15, 2011 9:46 PM
To: Barkley, Richard
Subject: Re: 2 more letters, FYI

Well, guess you will earn your keep again!

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

----- Original Message -----

From: Barkley, Richard
To: Dean, Bill
Sent: Tue Mar 15 19:47:22 2011
Subject: RE: 2 more letters, FYI

You're my hero! I fully agree - Our existing correspondence process will be overwhelmed in no time.

My position was created in the first place based on the impact of 9/11 on the Regional Administrator's office with regard to outside correspondence and requests for meetings/information.

-----Original Message-----

From: Dean, Bill
Sent: Tuesday, March 15, 2011 7:43 PM
To: Barkley, Richard; Lew, David; Sheehan, Neil; Screnci, Diane; McNamara, Nancy; Tifft, Doug; Roberts, Darrell; Clifford, James; Wilson, Peter; Weerakkody, Sunil; Lorson, Raymond; Collins, Daniel
Subject: Re: 2 more letters, FYI

Rich,

We have an action out of the retreat to outreach to HQ re: forming a team to respond to correspondence similar to post 9/11. We should not be trying to deal with this influx as individual items. As I recall we leveraged specific postings on our web page as a source of info too.

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

----- Original Message -----

From: Barkley, Richard
To: Dean, Bill; Lew, David; Sheehan, Neil
Sent: Tue Mar 15 18:18:51 2011
Subject: FW: 2 more letters, FYI

I expected 5 letters at least this week on the events related to Japan - I have 3 so far.

I'll bring these to the morning meeting.

From: Rihm, Roger
Sent: Tuesday, March 15, 2011 3:55 PM
To: Barkley, Richard
Subject: 2 more letters, FYI

Dean, Bill

From: Dean, Bill
Sent: Tuesday, March 15, 2011 10:00 PM
To: HOO Hoc
Subject: Re: Is there a 730 call?

Thanks. Do we then have new times for the regular calls? Today has been an irregular day (no 730 call either) and there has not been messages I have seen that have changed times for calls.

Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

----- Original Message -----

From: HOO Hoc
To: Dean, Bill
Sent: Tue Mar 15 19:40:12 2011
Subject: RE: Is there a 730 call?

Bill,

The CAB is at 20:00. The Chairman is performing a briefing at 19:30.

Mark
Headquarters Operations Officer
U.S. Nuclear Regulatory Commission
Phone: 301-816-5100
Fax: 301-816-5151
email: hoo.hoc@nrc.gov
secure e-mail: hoo1@nrc.sgov.gov

-----Original Message-----

From: Dean, Bill
Sent: Tuesday, March 15, 2011 7:37 PM
To: HOO Hoc
Subject: Is there a 730 call?

The bridge is silent
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

AD/359

Dean, Bill

From: Dean, Bill
Sent: Tuesday, March 15, 2011 10:09 PM
To: Lorson, Raymond
Subject: Fw: Closeout: G20110122/OEDO-2011-0154: Briefing Package for Visit to Holtec, Carnegie Mellon and Beaver Valley on March 22-23,2011, with Commissioner Magwood
Attachments: Commr Magwood Site Visit BV rev4(+CMU).docx

You are going, right?
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Thompson, Margaret
To: RidsEdoMailCenter Resource; Andersen, James; Sanfilippo, Nathan; Lorson, Raymond; Bellamy, Ronald; Dean, Bill; Lew, David; Roberts, Darrell; Clifford, James; Werkheiser, David; Barber, Scott; Matakas, Gina; Heater, Keith
Sent: Tue Mar 15 14:39:56 2011
Subject: Closeout: G20110122/OEDO-2011-0154: Briefing Package for Visit to Holtec, Carnegie Mellon and Beaver Valley on March 22-23,2011, with Commissioner Magwood

Closeout: G20110122/OEDO-2011-0154: Briefing Package for Visit to Holtec, Carnegie Mellon and Beaver Valley on March 22-23,2011, with Commissioner Magwood

ADAMS Package No. ML110740171
ADAMS Letter No. ML 110740173

To: James Andersen and Nathan Sanfilippo

Margie Thompson
Admin Assistant
U. S. Nuclear Regulatory Commission
RI, Division of Reactor Projects
610-337-5226
610-337-5354 (fax)

AD/360

Matakas, Gina

From: Lorson, Raymond
Sent: Tuesday, March 15, 2011 10:09 PM
To: Dean, Bill; Collins, Daniel
Cc: Janda, Donna; Lew, David
Subject: RE: ACTION: Massachusetts Governors office press release

We asked for and were expecting a draft copy of the PR this evening. I haven't seen anything yet; we will likely have in am.

Ray

From: Dean, Bill
Sent: Tuesday, March 15, 2011 10:08 PM
To: Collins, Daniel; Lorson, Raymond
Cc: Janda, Donna; Lew, David
Subject: Re: ACTION: Massachusetts Governors office press release

Dan, what will it say??
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Collins, Daniel
To: Lorson, Raymond; Lew, David; Dean, Bill; Janda, Donna
Sent: Tue Mar 15 16:57:06 2011
Subject: Fw: ACTION: Massachusetts Governors office press release

FYI
Dan Collins, sent from blackberry

From: Michalak, Paul
To: McIntyre, David; Riley (OCA), Timothy; Collins, Daniel; Orendi, Monica; White, Duncan
Sent: Tue Mar 15 15:40:55 2011
Subject: ACTION: Massachusetts Governors office press release

All,

The Massachusetts Governors office is going to issue a press release tomorrow morning concerning the Springfield Armory DU issue. Bob Gallagher has promised to send a copy of the press release to NRC as soon as it is drafted (assume tonight).

Paul Michalak
Chief
FSME/DWMEP/MDB
U.S Nuclear Regulatory Commission
301-415-7612

AD/361

(196 Documents)

Group AE

(Records Withheld
In Part)

From: Haynes, Laura (Carper)

Sent: Friday, March 11, 2011 07:04 PM

To: 'Amy.Powell@nrc.gov' <Amy.Powell@nrc.gov>

Cc: 'Raeann.Shane@nrc.gov' <Raeann.Shane@nrc.gov>; 'Rebecca.Schmidt@nrc.gov' <Rebecca.Schmidt@nrc.gov>; 'Spiros.Droggitis@nrc.gov' <Spiros.Droggitis@nrc.gov>; 'Timothy.RileyOCA@nrc.gov' <Timothy.RileyOCA@nrc.gov>; 'David.Decker@nrc.gov' <David.Decker@nrc.gov>; 'Eugene.Dacus@nrc.gov' <Eugene.Dacus@nrc.gov>

Subject: Re: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

Thanks Amy - I have my bb on me and my cell is (b)(6) if anyone needs to call me this weekend.

Laura Haynes

Office of U.S. Senator Tom Carper

Sent using BlackBerry

From: Powell, Amy [mailto:Amy.Powell@nrc.gov]

Sent: Friday, March 11, 2011 07:01 PM

To: Powell, Amy <Amy.Powell@nrc.gov>

Cc: Shane, Raeann <Raeann.Shane@nrc.gov>; Schmidt, Rebecca <Rebecca.Schmidt@nrc.gov>; Droggitis, Spiros <Spiros.Droggitis@nrc.gov>; Riley (OCA), Timothy <Timothy.RileyOCA@nrc.gov>; Decker, David <David.Decker@nrc.gov>; Dacus, Eugene <Eugene.Dacus@nrc.gov>

Subject: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

Hi all --

In the event that it is needed, NRC's Office of Congressional Affairs is planning to have staff available in the NRC's Operations Center through the weekend as the agency continues to track Japanese earthquake and tsunami issues. Here is the schedule for who will be available and when:

Friday, March 11th

Raeann Shane	until 10:00 pm
Eugene "Gene" Dacus	10:00 pm to 7:00 am

Saturday, March 12th

Rebecca "Becky" Schmidt	7:00 am to 2:00 pm
Spiros Droggitis	2:00 pm to 9:00 pm
David Decker	9:00 pm to 7:00 am

Sunday, March 13th

Amy Powell	7:00 am to 2:00 pm
Tim Riley	2:00pm to 9:00pm

I've cc'ed all of our NRC Congressional Affairs staff on this schedule so that you have their e-mail addresses. If this changes at any point in the weekend, we will notify you.

Amy

Amy Powell

Associate Director

U. S. Nuclear Regulatory Commission

Office of Congressional Affairs

Phone: 301-415-1673

AE / 1

From: Sydnor, Russell
To: Case, Michael; Richards, Stuart
Subject: FW: See how easy it is to get your car hijacked. What about a NPP?
Date: Friday, March 11, 2011 7:32:57 AM

You may be interested in the paper at the below link,

Mike, maybe someone was hacking your car's temp indicator!

Russell Sydnor
Branch Chief
NRC/RES/DE/DICB
301-251-7405
Russell.Sydnor@nrc.gov

From: Birla, Sushil
Sent: Thursday, March 10, 2011 4:54 PM
To: Sturzebecher, Karl; Hardin, Leroy
Cc: Sydnor, Russell; Zhang, Deanna
Subject: See how easy it is to get your car hijacked. What about a NPP?

http://portal.nrc.gov/edo/res/de/dic/Security/Kohno_Savage_Security.pdf

Sushil Birla (phonetically Su-sheel)
Senior Technical Advisor - Digital Instrumentation and Control
Office of Nuclear Regulatory Research, Mail Stop C5-A24M
U.S. Nuclear Regulatory Commission
21 Church Street, Rockville, MD 20850, USA
Phone: 301-251-7660
Mobile: (b)(6)
Fax: 301-251-7425
Email address: Sushil.Birla@nrc.gov
Postal address: Mail Stop C5-A24M, Washington DC 20555-0001
It's time to meet: <http://www.internal.nrc.gov/news/nrcreporter/2010/profiles/Sushil-Birla.html>



AE/2

From: Howard, Patrick
To: Leeds, Eric
Cc: Benjumea, Olga
Subject: CSO/NRR Periodic Meeting Today
Date: Friday, March 11, 2011 7:38:09 AM

Eric –

Below is information that I plan on reviewing with you when we meet this morning.

See you at 9:00.

Pat

Patrick D. Howard, CISSP, CISM
Chief Information Security Officer
Nuclear Regulatory Commission
Rockville, Maryland
Office Phone: (301) 415-6596
Cell Phone: (b)(6)

Appointment Memos:

- Olga Benjumea – Primary
- Chutima Taylor – Alternate
- Louise Lovell – Alternate (not on file)

Annual Awareness Training Status: Computer security awareness course completion rate is 16 percent as of February 4th (target is 25% in Q2 and 50% in Q3)

Role Based Training: The following NRR personnel are recorded as having significant security duties requiring specialized training:

- Olga Benjumea
- Mark Cunningham
- Mary Givvines
- Jack Grobe
- Indu Konduri
- Sampson Lee
- Eric Leeds
- Louise Lovell
- Robert Nelson
- Chutima Taylor

IT Security Incidents: NRR had seven incidents reported to US-CERT in FY10:

CAT	Incident Number	Type of Incident	Report Name/Description
1	2010-0617-002	Loss Blackberry	Loss Blackberry –Cullingford
1	2010-0617-001	Loss Blackberry	Loss Blackberry –Champion

AE/3

1	2009-1103-001	Lost/Stolen Equipment	Missing Desktop Computer
1	2009-1106-001	Lost/Stolen Equipment	Missing Desktop Computer
3	2010-0406-001	Malware	Mal/FakeAV-CX" Trojan horse
4	2010-0701-002	Improper Usage	Unauthorized external drive and malware Detected. Malware did not execute
4	2010-0129-001	Improper Usage	A NRC contractor had access to a generic user login for a NRC system.

POA&M Scoring:

• RPS: Green

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Friday, March 11, 2011 8:58 AM
To: Stout, Kathleen
Subject: RE: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

Yes please

From: Stout, Kathleen
Sent: Friday, March 11, 2011 8:40 AM
To: Beasley, Benjamin
Subject: RE: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

Ben,

Do you need a copy of the material that NRR sent out for the meeting? –

Kathleen
251-7941

From: Spencer, Ruth
Sent: Friday, March 11, 2011 7:06 AM
To: Stout, Kathleen
Subject: FW: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

Ben Beasley will join you to listen to the NRR call.

Ruth Spencer, NRC/RES, 301 251 7921

From: Beasley, Benjamin
Sent: Friday, March 11, 2011 7:03 AM
To: Spencer, Ruth; Coe, Doug
Subject: RE: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

Ruth,

I will join Kathleen.

Ben

From: Spencer, Ruth
Sent: Friday, March 11, 2011 6:57 AM

To: Coe, Doug; Beasley, Benjamin

Subject: RE: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

Doug, it probably got lost in the shuffle last week, but I had sent out a note last Friday asking who should attend. I guess they expanded the invitees on the actual scheduler this time – a good thing.

Mike Scott and I will go in person. Kathleen Stout will dial in from the 6th floor huddle room as well, so Ben could join her there.

Ruth Spencer, NRC/RES, 301 251 7921

-----Original Appointment-----

From: Coe, Doug **On Behalf Of** Nguyen, Caroline

Sent: Thursday, March 10, 2011 6:05 PM

To: Beasley, Benjamin; Coyne, Kevin; Spencer, Ruth

Subject: FW: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

When: Friday, March 11, 2011 9:30 AM-11:00 AM (GMT-05:00) Eastern Time (US & Canada).

Where: OWFN-13B04

Ben – can you possibly cover this phone call, with Ruth? Kevin and I are spread out on different other activities Friday morning and this NRR meeting just came in late today.

Thanks in advance.

Doug

-----Original Appointment-----

From: Nguyen, Caroline

Sent: Thursday, March 10, 2011 3:59 PM

To: Nguyen, Caroline; Newell, Karenina; Le, Hong

Cc: Ma, May; Grancorvitz, Teresa; Shay, Jason; Murphy, Jerome; Harvey, Sue; Stout, Kathleen; Spencer, Ruth; Lin, Chien-Ting; Valentin, Andrea; Scott, Michael; Gibson, Kathy; Case, Michael; Richards, Stuart; Correia, Richard; Coe, Doug; Uhle, Jennifer; Janis, James; Miller, Mark; Cochrum, Steven; Evans, Michele; Holahan, Patricia; Abraham, Susan; McDermott, Brian; VandenBerghe, John; Shropshire, Alan; Resner, Mark; Dudek, Michael; Layton, Michael; Caldwell, Robert; Erlanger, Craig; Huyck, Doug; Westreich, Barry

Subject: NRR Discussion: FY 2013 Op Rx Business Line and Scenario Planning

When: Friday, March 11, 2011 9:30 AM-11:00 AM (GMT-05:00) Eastern Time (US & Canada).

Where: OWFN-13B04

When: Friday, March 11, 2011 9:30 AM-11:00 AM (GMT-05:00) Eastern Time (US & Canada).

Where: OWFN-13B04

Note: The GMT offset above does not reflect daylight saving time adjustments.

All,

Update to include bridge line information and link to discussion materials on [NRR's Budget Formulation Website](#) (click on link).

Dial-in Number: 877-352-5214

Passcode: (b)(6)

Thanks!

NRR BFEB Team

From: lisa.makosewski@gsa.gov
Subject: Fw: Liberty Down 11
Date: Friday, March 11, 2011 1:11:04 PM

----- Forwarded by Lisa Makosewski/NON-GSA/3A/R03/GSA/GOV on 03/11/2011 01:10 PM -----

Good Afternoon,

Just a quick reminder that the Final Planning Conference for Liberty Down 11 will be held Tuesday March 15th at 9:30AM @ the Green Federal Building in Room 2C. At this meeting we will cover any last minute topics, view the video injects, and address any questions or concerns that are still out there. If you have any questions please contact Michael Smith FEMA Region III at Michael.B.Smith1@DHS.gov or (215) 931-5723.

Thank you,

Michael B. Smith
Corrective Actions Manager
FEMA Region III
Department of Homeland Security
Office (215) 931-5723
BB- (b)(6)
Michael.B.Smith1@DHS.gov



FEMA

AE/5

From: Leeds, Eric
To: Givvines, Mary
Subject: Re: Hello
Date: Friday, March 11, 2011 1:53:21 PM

I replied VERY positively about kim. Great choice! Go get her, Mary!

----- Original Message -----

From: Givvines, Mary
To: Leeds, Eric
Sent: Fri Mar 11 13:00:46 2011
Subject: RE: Hello

Hey Eric,

I know you are probably swamped trying to catch up on your emails but I was wondering if you got a chance to read the email I sent you yesterday regarding bringing up (b)(6) as a potential candidate for my temp backfill at the next ERB?

Today is my CWS and I may have come in to work anyway to get caught up but (b)(6)

(b)(6)

From: Leeds, Eric
Sent: Friday, March 11, 2011 12:37 PM
To: Givvines, Mary
Cc: Ferrell, Kimberly
Subject: RE: Hello

Nope - not until next week. Got some good feedback from Pat Howard this am - Kimberly sat in (and was very helpful!). She can fill you in on Monday.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

-----Original Message-----

From: Givvines, Mary
Sent: Friday, March 11, 2011 10:13 AM
To: Leeds, Eric
Subject: Hello

Did the ERB succession planning meeting take place this morning?

AE/6

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Friday, March 11, 2011 3:18 PM
To: Demoss, Gary
Subject: RE: Change in Operating Experience Product Title

The definition has not changed, we are just giving it a new name.

From: Demoss, Gary
Sent: Friday, March 11, 2011 3:17 PM
To: Beasley, Benjamin
Subject: Re: Change in Operating Experience Product Title

Ben,

I've been in with the chairman and CAs all day. I don't have a big problem with the short name. Maybe the textual description could be more concise. I will be back to the office shortly.

Sent from an NRC Blackberry
Gary DeMoss

(b)(6)

From: Beasley, Benjamin
To: Spencer, Ruth; Hudson, Daniel; Demoss, Gary
Cc: Stout, Kathleen
Sent: Fri Mar 11 15:05:05 2011
Subject: RE: Change in Operating Experience Product Title

Gary and Dan,

Does "Risk Data and Assessment" work for you? The definition is:

Resources support the operating experience database system and Accident Sequence Precursor (ASP) analyses to evaluate the risk associated with nuclear power plant operational events and conditions. Resources support the Significance Determination Process (SDP) and the determination of any necessary follow-up actions resulting from Reactor Oversight Process (ROP) evaluations, and coordination of the Risk-Informed Performance-Based Plan.

Ben

From: Spencer, Ruth
Sent: Friday, March 11, 2011 12:32 PM
To: Hudson, Daniel; Beasley, Benjamin; Demoss, Gary
Cc: Stout, Kathleen
Subject: RE: Change in Operating Experience Product Title

Correct. If we rename the Product we can keep the B&R. But moving all that work into Risk changes the B&R.

Ruth Spencer, NRC/RES, 301 251 7921

From: Hudson, Daniel
Sent: Friday, March 11, 2011 11:48 AM
To: Spencer, Ruth; Beasley, Benjamin; Demoss, Gary
Cc: Stout, Kathleen
Subject: RE: Change in Operating Experience Product Title

Ruth,

Just to be clear, if we just rename the Product, the B&R won't change? The existing B&R would just be tied to a differently named Product. Is that correct?

Daniel W. Hudson
Technical Assistant
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Daniel.Hudson@nrc.gov
301-251-7919

From: Spencer, Ruth
Sent: Friday, March 11, 2011 11:37 AM
To: Beasley, Benjamin; Hudson, Daniel; Demoss, Gary
Cc: Stout, Kathleen
Subject: RE: Change in Operating Experience Product Title

Well, in addition to the size, it will mean creating TONS of new JCNs under a new B&R. Operating experience already exists (and did last year) so all those JCNs will be dead. Lots of admin work.

Ruth

Ruth Spencer, NRC/RES, 301 251 7921

From: Beasley, Benjamin
Sent: Friday, March 11, 2011 9:20 AM
To: Spencer, Ruth; Hudson, Daniel; Demoss, Gary
Subject: RE: Change in Operating Experience Product Title

Ruth,

I do not recall the discussion about why we left Operating Experience as its own product. Could it have been that it has enough resources to warrant its own product (\$3M and 20 FTE)?

From looking at the work that is done, the name I was going to propose is Risk Data and Analysis. That name could raise questions because it is so close to the existing Risk Analysis product. To me, it makes sense to combine them.

Ruth, I think it should be your call.

Ben

From: Spencer, Ruth
Sent: Thursday, March 10, 2011 2:18 PM

To: Beasley, Benjamin; Hudson, Daniel; Demoss, Gary
Subject: RE: Change in Operating Experience Product Title

Yeah....well, we told OCFO months ago (see attached e-mails) that we didn't want Op Ex combined with anything else.

Not saying that we can't undo that now, but we did already say no. Ben, do you recall if Chris Lui did weigh in? I couldn't find an e-mail from her.

Good news is that our OCFO analyst has changed; perhaps no one remembers but me.

Ruth

Ruth Spencer, NRC/RES, 301 251 7921

From: Beasley, Benjamin
Sent: Thursday, March 10, 2011 2:05 PM
To: Hudson, Daniel; Demoss, Gary
Cc: Spencer, Ruth
Subject: Re: Change in Operating Experience Product Title

That is a good idea. If it is okay with Ruth, we could add the OpE resources to Risk Analysis and adjust the narrative as appropriate.

Ben

Benjamin Beasley
Sent from an NRC Blackberry.

From: Hudson, Daniel
To: Beasley, Benjamin; Demoss, Gary
Sent: Thu Mar 10 13:50:47 2011
Subject: RE: Change in Operating Experience Product Title

Ben,

After I saw your description for the Operating Experience Product yesterday, I actually wondered why we didn't just roll that into the Risk Analysis Product.

How would you feel about that? I don't know whether or not that is a viable option, but I thought I'd throw it out there.

Best,
Dan

Daniel W. Hudson
Technical Assistant
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Daniel.Hudson@nrc.gov
301-251-7919

From: Beasley, Benjamin
Sent: Thursday, March 10, 2011 1:22 PM
To: Demoss, Gary
Cc: Hudson, Daniel
Subject: FW: Change in Operating Experience Product Title
Importance: High

Gary,

We need to come up with a new name for the Operating Experience product.

The existing definition:

Resources support the operating experience database system and Accident Sequence Precursor (ASP) analyses to evaluate the risk associated with nuclear power plant operational events and conditions. Resources support the Significance Determination Process (SDP) and the determination of any necessary follow-up actions resulting from Reactor Oversight Process (ROP) evaluations, and coordination of the Risk-Informed Performance-Based Plan.

Proposed product name:

Risk Data and Analysis

Any thoughts?

Ben

From: Spencer, Ruth
To: Beasley, Benjamin
Sent: Thu Mar 10 09:06:06 2011
Subject: FW: Change in Operating Experience Product Title

We won the battle but gained a To-Do Item.

What could we call it instead? And does a title change mean altering the definition at all?

Ruth

Ruth Spencer, NRC/RES, 301 251 7921

From: Smolik, George
Sent: Thursday, March 10, 2011 8:27 AM
To: Spencer, Ruth
Cc: Golder, Jennifer; Peterson, Gordon; Allwein, Russell; Williams-Johnson, Patrice; Sheldon, Jeffrey
Subject: FW: Change in Operating Experience Product Title

Ruth,

Jim Dyer is fine with keeping RES' operating experience resources in the Research product, however, he wants to rename it so that it does not cause confusion with the operating experience currently undertaken in the oversight product line under Operating Reactors. Please provide me with a different name for the operating experience product under the RES product line that still reflects the work your office workload. The product name should be short (preferably no more than two words) so that the name does not get truncated when running resource reports from BFS.

Thank you.

George

From: Smolik, George
Sent: Wednesday, March 09, 2011 4:30 PM
To: Dyer, Jim
Cc: Golder, Jennifer; Peterson, Gordon; Allwein, Russell; Tabakov, Emil
Subject:

Jim,

Below is the Office of Research response to the question regarding what differentiates RES' "Operating Experience" workload from the NRR workload conducted under the "Event Evaluation" product in the same business line. RES believes that the resources should remain under the Research product line because it includes work other than collecting information from event reports and other sources.

George

The RES Operating Experience product does not fit under Event Evaluation. Although the RES Operating Experience work collects information from event reports and other sources, it does not do so to assess safety significance, generic implications, or further regulatory action. RES uses operating experience in a database system to estimate PRA input parameters and perform risk studies. The Operating Experience product also supports Accident Sequence Precursor (ASP) analyses, the Significance Determination Process (SDP) and the Risk-Informed Performance-Based Plan. Thus, the RES Operating Experience product should remain under the Research product line in the Operating Reactors business line.

From: Coe, Doug
To: Warnick, Greg
Cc: Coyne, Kevin
Subject: RE: PRA Communications Brochure
Date: Friday, March 11, 2011 4:24:37 PM

Hi Greg – glad to hear you are back! Old CTAs never die (even the rotational ones), they apparently get recycled. Hope you are enjoying the stay in Cmr Ostendorf's office as much as you did the one in Cmr Lyons'.

You can find the RES brochures for both internal and external risk communication at the internal NRC Risk Communication website:

<http://www.internal.nrc.gov/communications/riskcommunication.html>
(the brochures, however, are public)

I had also heard that NSIR (EP folks) did something similar, but haven't ever looked for their product. You might contact the EP/IR Division if interested.

Hope this helps.

I'm off to go on my (b)(6)
(b)(6) so if you need anything further on this Kevin Coyne will be acting for me next week.

See you around.....
Doug

From: Warnick, Greg
Sent: Friday, March 11, 2011 3:14 PM
To: Sheron, Brian
Cc: Coe, Doug
Subject: RE: PRA Communications Brochure

Thanks!

From: Sheron, Brian
Sent: Friday, March 11, 2011 3:13 PM
To: Warnick, Greg
Cc: Coe, Doug
Subject: PRA Communications Brochure

I spoke with Doug Coe, who is the acting DRA Division Director. He said the brochure on risk communication is on the web. He will be contacting you with the link.

AE/8

From: Richards, Stuart
To: Harris, Charles
Cc: Case, Michael
Subject: Neutron Absorber Testing Issues
Date: Friday, March 11, 2011 4:48:20 PM

Charles

I came by to talk with you, however it appears that you are out of the office today. I'm on (b)(6) leave next week, so I want to update you on the neutron absorber testing issues which we discussed this week.

First, I appreciate the open discussion we had on the issues, and the information you provided me. I read the draft evaluation which you gave me, and the other materials. I agree that you raise technical issues that need to be resolved.

I spoke with Mirela and my understanding is that your draft evaluation, along with other related information, will be provided to Rob Taylor by e-mail before a meeting scheduled to occur on Wednesday, March 16th. The status of our work will be discussed at the Wednesday meeting. Of course you are invited to attend and participate in the discussion, if your duties with your rotation allow.

I am comfortable with the pace with which the work is proceeding. I understand that the issues were discussed with NRR during the training session in mid-February, so they are aware of the concerns. I believe NRR plans to conduct a "mini-PIRT" after they receive our input.

I'll be glad to discuss this in more detail with you when I return.

Thanks
Stu

AE/9

From: Berry, Rollie
To: Augustus, Reginald; Green, Jamie; Harvey, Sue; Ma, May; Nelson-Wilson, Carlyleamaryllis; Shnyder, Yana; Grancorvitz, Teresa; Spencer, Ruth; Stout, Kathleen; Zilka, Kathleen; Hunter, James; McGill, Clinton; Bayliff, Shirley; Holt, BJ; Gardin, Kathy; Nute-Blackshear, Lora; Lockhart, Michelle; Rule, David; Nick, Joseph; Vassos, John; Butler, Rodney; Ford, William; Blond, Tamoria; Weaver, Doug; Benner, Eric; Rahimi, Meraj; Mohseni, Aby; Davis, Jack; Kokaiko, Lawrence; Kuk, Jennifer; Lorson, Raymond; Munday, Joel; Boland, Anne; Caniano, Roy; HQ-FBB-01B15-25p-VTC; Woods, Carolyn; Cain, Chuck; Duncan, Eric; Hills, David; Lara, Julio; Lipa, Christine; Loudon, Patrick; OBrien, Kenneth; Reynolds, Steven; Shear, Gary; Sotiropoulos, Dina; West, Steven; Coe, Doug; Coyne, Kevin; Gibson, Kathy; Scott, Michael; Armstrong, Kenneth; Hudson, Daniel; Case, Michael; Richards, Stuart; Rini, Brett; Waters, Michael; Peters, Sean; Gavrilas, Mirela
Subject: SFST Business Line
Date: Friday, March 11, 2011 5:57:32 PM

In my scheduler I said I would send out the 2-pager with a proposed budget Friday. Unfortunately, I have not been as diligent as I had hoped, but I will send one out today (it will be late). My vision would be that this serves as the starting point for constructive dialog. If there is an area of concern please feel free to alert me to it before the Tuesday meeting (though Tuesday is also a fine time to let everyone know). Also, if there is an area of concern please be ready to voice the concern as well as a path forward. The dial in information is below as well as it will be updated into the scheduler later.

Passcodes/Pin codes:

Participant passcode: (b)(6)

For security reasons, the passcode will be required to join the call.

Dial in numbers:

Country	Toll Numbers	Freephone/ Toll Free Number
USA		888-769-8762

Restrictions may exist when accessing freephone/toll free numbers using a mobile telephone.

Thank you for bearing with me,
Rollie

Rollie Berry
Program Coordinator
NMSS/SFST
EBB-3D-03
301-492-3332

AE/10

From: ashok
To: Case, Michael
Subject: Re: DS 414 Gap Analysis
Date: Friday, March 11, 2011 9:27:33 PM

Hi Mike,

I can work on the NRC projects as the clearance has been reinstated. Let me know if there is time to give you my feedback. I enjoyed your session at the RIC.

Ashok

----- Original Message -----

From: Case, Michael
To: (b)(6)
Sent: Wednesday, February 16, 2011 3:58 PM
Subject: Re: DS 414 Gap Analysis

Hey, good to hear from you. We need to combine some of the answers from the offices so we can be flexible with the 28th.

Good luck with that drug test!
Sent from Blackberry
Michael Case.

From: ashok (b)(6)
To: Case, Michael
Cc: Rini, Brett; Williams, Donna; Holahan, Gary
Sent: Wed Feb 16 14:30:47 2011
Subject: Re: DS 414 Gap Analysis

Hi Mike,

I am happy to support you on this important draft standard. As of today, I have not yet been authorized to begin work for the NRC. I go for drug test tomorrow and hopefully all will be cleared next week for me to begin. In any case, I will still work to provide you my views on Feb. 28.

Happy new year,

Ashok

----- Original Message -----

From: Case, Michael
To: ashok
Cc: Rini, Brett ; Williams, Donna
Sent: Tuesday, February 15, 2011 7:41 AM
Subject: FW: DS 414 Gap Analysis

Hi Ashok. Sorry it took me a while to get this to you. In order to support Marty (and to get a better handle on the implications of DS 414), we try and do a "gap analysis" of the IAEA standard before Marty's meeting at CSS. Typically, we do that through the NRO and NRR technical staffs.

DS 414 is particularly challenging because it has such an enormous span. In the e-

AE 111

· Defence in Depth Principle Requirement 7	Sections 2.11, 2.12, 2.13;
· DBA and Severe Accident Considerations	Requirements 20 and 21

Thanks for your help!

Brett

Defence in Depth Principle	Sections 2.11, 2.12, 2.13;
Requirement 7	
Safety Security Interface	Requirement 8
DBA and Severe Accident Considerations	Requirements 20 and 21

- Safety Classification
- ECCS

Requirements 23 and 24
Requirements 51, 52, 53

The gap analysis template is available at [ML092290859](#). In addition to the typical gap analysis process of identifying where the NRC may not meet DS414, we would also like you to explain how we meet the underlying intent of the safety standard. We will use the resultant analyses to chart a path forward on DS414 prior to the CSS meeting in May.

Please send your inputs to myself and Brett Rini by February 28.

Thanks,

Mike

_____ Information from ESET NOD32 Antivirus, version of virus signature database 5946 (20110311) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

David Decker

From: Haynes, Laura (Carper) [Laura_Haynes@carper.senate.gov]
Sent: Saturday, March 12, 2011 2:28 PM
To: Schmidt, Rebecca; Powell, Amy
Cc: Shane, Raeann; Droggitis, Spiros; Riley (OCA), Timothy; Decker, David; Dacus, Eugene
Subject: Re: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

TECOs press release said the person was working in the crane on the exhaust stack - sounded like when the earthquake hit. But it wasn't clear, so thought I would check.

Laura Haynes
Office of U.S. Senator Tom Carper
Sent using BlackBerry

From: Schmidt, Rebecca [mailto:Rebecca.Schmidt@nrc.gov]
Sent: Saturday, March 12, 2011 02:23 PM
To: Haynes, Laura (Carper); Powell, Amy <Amy.Powell@nrc.gov>
Cc: Shane, Raeann <Raeann.Shane@nrc.gov>; Droggitis, Spiros <Spiros.Droggitis@nrc.gov>; Riley (OCA), Timothy <Timothy.RileyOCA@nrc.gov>; Decker, David <David.Decker@nrc.gov>; Dacus, Eugene <Eugene.Dacus@nrc.gov>
Subject: RE: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

We don't have any details on that—just what CNN said

From: Haynes, Laura (Carper) [mailto:Laura_Haynes@carper.senate.gov]
Sent: Saturday, March 12, 2011 2:21 PM
To: Powell, Amy
Cc: Shane, Raeann; Schmidt, Rebecca; Droggitis, Spiros; Riley (OCA), Timothy; Decker, David; Dacus, Eugene
Subject: Re: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

The person that died in the crane did not die from radiation - correct?

Laura Haynes
Office of U.S. Senator Tom Carper
Sent using BlackBerry

From: Haynes, Laura (Carper)
Sent: Saturday, March 12, 2011 10:05 AM
To: 'Amy.Powell@nrc.gov' <Amy.Powell@nrc.gov>
Cc: 'Raeann.Shane@nrc.gov' <Raeann.Shane@nrc.gov>; 'Rebecca.Schmidt@nrc.gov' <Rebecca.Schmidt@nrc.gov>; 'Spiros.Droggitis@nrc.gov' <Spiros.Droggitis@nrc.gov>; 'Timothy.RileyOCA@nrc.gov' <Timothy.RileyOCA@nrc.gov>; 'David.Decker@nrc.gov' <David.Decker@nrc.gov>; 'Eugene.Dacus@nrc.gov' <Eugene.Dacus@nrc.gov>
Subject: Re: NRC Congressional Affairs contacts, coverage regarding Japanese earthquake and tsunami issues

I read a report of an explosion at one of the sites but haven't heard any confirmation - any news would be helpful.
Thanks.

Laura Haynes
Office of U.S. Senator Tom Carper
Sent using BlackBerry

AE/12

From: Kammerer, Annie
To: Case, Michael
Subject: Re: Good Morning
Date: Saturday, March 12, 2011 11:17:52 AM

I've been called in and am at the center now. Working on the questions stu sent in my free time.

Cheers,
Annie

Sent from an NRC blackberry

Annie Kammerer

mobile (b)(6)

bb (b)(6)

annie.kammerer@nrc.gov

----- Original Message -----

From: Case, Michael
To: Kammerer, Annie
Sent: Sat Mar 12 08:40:23 2011
Subject: Good Morning

I turned over your name and number to Dave Skeen. Good luck today. I think there will be more questions today! (As opposed to the mid shift)
Sent from Blackberry
Michael Case.

AE/13

Dean, Bill

From: Dean, Bill
Sent: Saturday, March 12, 2011 3:30 PM
To: HOO Hoc
Subject: Re: Query re TA call

Thanks
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

----- Original Message -----

From: HOO Hoc
To: Dean, Bill
Sent: Sat Mar 12 15:27:35 2011
Subject: RE: Query re TA call

(b)(6)

Code: (b)(6)

-----Original Message-----

From: Dean, Bill
Sent: Saturday, March 12, 2011 3:27 PM
To: HOO Hoc
Subject: Query re TA call

What is the dial in #? Thanks.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

Riley (OCA), Timothy

From: Schmidt, Rebecca
Sent: Friday, March 18, 2011 8:41 PM
To: Riley (OCA), Timothy
Subject: Re: Invitation to a Forum on March 25th Chicago, IL
Attachments: image001.png; image002.png; image003.png; image004.png

Thanks

From: Riley (OCA), Timothy
To: Schmidt, Rebecca
Sent: Fri Mar 18 20:38:29 2011
Subject: RE: Invitation to a Forum on March 25th Chicago, IL

(b)(6)

Home
Blackberry

According to HOO

From: Schmidt, Rebecca
Sent: Friday, March 18, 2011 8:34 PM
To: Riley (OCA), Timothy
Subject: Re: Invitation to a Forum on March 25th Chicago, IL

Can you send me mark santorius' cell number?

From: Riley (OCA), Timothy
To: Schmidt, Rebecca
Cc: Powell, Amy
Sent: Fri Mar 18 20:30:19 2011
Subject: FW: Invitation to a Forum on March 25th Chicago, IL

Becky,
Attached is the hardcopy of invitation to attend IL Forum from Senators Durbin and Kirk.

From: Hunt, Jasmine (Durbin) [mailto:Jasmine_Hunt@durbin.senate.gov]
Sent: Friday, March 18, 2011 8:28 PM
To: Riley (OCA), Timothy; Powell, Amy
Cc: Neimeyer, Sarah (Durbin); Walter, Sarah (Kirk)
Subject: Invitation to a Forum on March 25th Chicago, IL

Hello,

Senators Durbin and Kirk would like to invite Chairman Jaczko to a public forum on Friday, March 25th in Chicago, IL to discuss the safety of the nuclear power plants in Illinois. They would like to hear his thoughts on how U.S. nuclear standards differ from those in Japan. The forum will be in a 'hearing' style format with questions for the Senators following a short opening statement from all the participants on the panel. Please let me know if you will be able to attend.

Bests,
Jasmine Hunt

AE/15

Jasmine N. Hunt

Office of Senator Richard J. Durbin
Assistant Majority Leader
711 Senate Hart Office Building
jasmine_hunt@durbin.senate.gov
202.224.2152

[Visit Senator Durbin's Website](#) | [Follow Senator Durbin:](#)



From: Case, Michael
To: ashok
Cc: Williams, Donna; Rini, Brett; Rivera-Lugo, Richard; Boyce, Tom (RES)
Subject: RE: DS 414 Gap Analysis
Date: Monday, March 14, 2011 7:00:00 AM

Hi Ashok. Great. I have a small item for you associated with DS 414. We're a little bit tied down with the Japanese thing but I'll work with Brett and get a tasking to you.

From: ashok [mailto:(b)(6)]
Sent: Friday, March 11, 2011 9:27 PM
To: Case, Michael
Subject: Re: DS 414 Gap Analysis

Hi Mike,

I can work on the NRC projects as the clearance has been reinstated. Let me know if there is time to give you my feedback. I enjoyed your session at the RIC.

Ashok

----- Original Message -----

From: Case, Michael
To: (b)(6)
Sent: Wednesday, February 16, 2011 3:58 PM
Subject: Re: DS 414 Gap Analysis

Hey, good to hear from you. We need to combine some of the answers from the offices so we can be flexible with the 28th.

Good luck with that drug test!
Sent from Blackberry
Michael Case.

From: ashok <(b)(6)>
To: Case, Michael
Cc: Rini, Brett; Williams, Donna; Holahan, Gary
Sent: Wed Feb 16 14:30:47 2011
Subject: Re: DS 414 Gap Analysis

Hi Mike,

I am happy to support you on this important draft standard. As of today, I have not yet been authorized to begin work for the NRC. I go for drug test tomorrow and hopefully all will be cleared next week for me to begin. In any case, I will still work to provide you my views on Feb. 28.

Happy new year,

Ashok

----- Original Message -----

From: Case, Michael
To: ashok
Cc: Rini, Brett ; Williams, Donna
Sent: Tuesday, February 15, 2011 7:41 AM

AE/16

Hi Ashok. Sorry it took me a while to get this to you. In order to support Marty (and to get a better handle on the implications of DS 414), we try and do a "gap analysis" of the IAEA standard before Marty's meeting at CSS. Typically, we do that through the NRO and NRR technical staffs.

Defence in Depth Principle Requirement 7	Sections 2.11, 2.12, 2.13;
DBA and Severe Accident Considerations	Requirements 20 and 21

Thanks for your help!

Brett

I've attached the most recent version of DS 414 (draft 27e from January 2011) for your

review. We have already performed a gap analysis on Section 1 as an example that is attached. We would like your offices to do a gap analysis in the following areas of the document:

- | | |
|--|----------------------------|
| · Defence in Depth Principle | Sections 2.11, 2.12, 2.13; |
| Requirement 7 | |
| · Safety Security Interface | Requirement 8 |
| · DBA and Severe Accident Considerations | Requirements 20 and 21 |
| · Safety Classification | Requirements 23 and 24 |
| · ECCS | Requirements 51, 52, 53 |

The gap analysis template is available at [ML092290859](#). In addition to the typical gap analysis process of identifying where the NRC may not meet DS414, we would also like you to explain how we meet the underlying intent of the safety standard. We will use the resultant analyses to chart a path forward on DS414 prior to the CSS meeting in May.

Please send your inputs to myself and Brett Rini by February 28.

Thanks,

Mike

Information from ESET NOD32 Antivirus, version of virus signature database
5946 (20110311) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

From: Reinhold, Jim (DOT)
To: Leeds, Eric
Subject: RE: Unbelievable: Excellent NYT graphic
Date: Monday, March 14, 2011 2:29:38 PM

Incredible. Thanks.

From: Leeds, Eric [mailto:Eric.Leeds@nrc.gov]
Sent: Monday, March 14, 2011 1:22 PM
To: (b)(6); (b)(6); Rick Plotkin; Pierre Daggett; Reinhold, Jim (DOT);
(b)(6); Tim Parris; Paul Bundock; (b)(6); JOHN CRAIG
Subject: Unbelievable: Excellent NYT graphic

Check out this link..... Horrible, just unbelievable....

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

<http://www.nytimes.com/interactive/2011/03/13/world/asia/satellite-photos-japan-before-and-after-tsunami.html?hp>

Give it a few seconds, but a vertical line will appear in each photo. You can "grab" the line and move it to see Before and after.

AE/17

From: Case, Michael
To: Boyce, Tom (RES)
Subject: FW: Committee Letter - Withdrawal of Regulatory Guide 8.5
Date: Monday, March 14, 2011 7:55:00 AM
Attachments: Withdrawal of Regulatory Guide 8.5.pdf

FYI

From: Mitchell-Funderburk, Natalie
Sent: Friday, March 11, 2011 2:11 PM
To: ACRS STAFF; sa8@mail.gatech.edu; (b)(6); (b)(6);
bley@buttonwoodconsulting.com; (b)(6); cbrown@bmtsyntek.com; corradin@cae.wisc.edu;
(b)(6); harold.ray@sce.com; (b)(6); hpeditor@burkinc.com;
(b)(6); (b)(6); (b)(6)
Cc: Vietti-Cook, Annette; Muessle, Mary; Frazier, Alan; Valentine, Nicholee; Snyder, Amy; Boyce, Tom (RES); Orr, Mark; Case, Michael; Rini, Brett
Subject: Committee Letter - Withdrawal of Regulatory Guide 8.5

Memorandum to Mr. R.W. Borchardt, Executive Director of Operations from Edwin Hackett, Executive Director ACRS, dated March 10, 2011, Subject Withdrawal of Regulatory Guide 8.5

ML110680334

Natalie Mitchell-Funderburk
U.S. Nuclear Regulatory Commission
Advisory Committee on Reactor Safeguards
11545 Rockville Pike
Rockville, MD 20852
Mailstop: T2-D58
Phone: (301) 415-7362
Fax: (301) 415-5589
Natalie.Mitchell-Funderburk@nrc.gov



AE/18



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

March 10, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Edwin M. Hackett, Executive Director */RA/*
Advisory Committee on Reactor Safeguards

SUBJECT: WITHDRAWAL OF REGULATORY GUIDE 8.5

During the 581st meeting of the Advisory Committee on Reactor Safeguards, March 10-12, 2011, the Committee considered the staff's bases for withdrawing Regulatory Guide 8.5, "Criticality and Other Interior Evacuation Signals." The Committee has no objection to the staff's proposal to withdraw this Regulatory Guide. No response to this memorandum is required.

Reference:

Memorandum to Edwin M. Hackett, Executive Director, ACRS; from Michael J. Case, Director, Division of Engineering, Office of Nuclear Regulatory Research, dated February 11, 2011, Subject: Withdrawal of Regulatory Guide 8.5, "Criticality and Other Interior Evacuation Signals" (ML110390434)

cc: A. Vietti-Cook, SECY	T. Boyce, RES
M. Muessle, OEDO	M. Orr, RES
A. Frazier OEDO	M. Case, RES
N. Valentine, NRR	B. Rini, RES
A. Snyder, NRO	

CONTACT: Kent Howard
301-415-2989

From: Case, Michael
To: Boyce, Tom (RES); Jervey, Richard
Subject: FW: Draft Final Regulatory Guide 1.149
Date: Monday, March 14, 2011 7:58:00 AM
Attachments: Draft Final Regulatory Guide 1.149.pdf

Go team. (I couldn't remember Rick if this was one of yours.)

From: Mitchell-Funderburk, Natalie
Sent: Friday, March 11, 2011 1:27 PM
To: ACRS STAFF; sa8@mail.gatech.edu; (b)(6); (b)(6);
blev@buttonwoodconsulting.com; (b)(6); cbrown@bmtsyntek.com; corradin@cae.wisc.edu;
(b)(6); harold.ray@sce.com; (b)(6); hpeditor@burkinc.com;
(b)(6); (b)(6); (b)(6); Snyder, Amy
Cc: Vietti-Cook, Annette; Muessle, Mary; Frazier, Alan; Valentine, Nicholee; Boyce, Tom (RES); Orr,
Mark; Case, Michael; Rini, Brett
Subject: Draft Final Regulatory Guide 1.149

Memorandum to Mr. R.W. Borchardt, Executive Director of Operations from Edwin M. Hackett, Executive Director ACRS, dated March 10, 2011, Subject: Draft Final Regulatory Guide 1.149

ML110680322

Natalie Mitchell-Funderburk
U.S. Nuclear Regulatory Commission
Advisory Committee on Reactor Safeguards
11545 Rockville Pike
Rockville, MD 20852
Mailstop: T2-D58
Phone: (301) 415-7362
Fax: (301) 415-5589
Natalie.Mitchell-Funderurk@nrc.gov



AE119



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
WASHINGTON, DC 20555 - 0001**

March 10, 2011

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Edwin M. Hackett, Executive Director */RA/*
Advisory Committee on Reactor Safeguards

SUBJECT: DRAFT FINAL REGULATORY GUIDE 1.149

During the 581st meeting of the Advisory Committee on Reactor Safeguards, March 10-12, 2011, the Committee considered the draft final Regulatory Guide 1.149, "Nuclear Power Plant Simulation Facilities For Use In Operator Training, License Examinations, and Applicant Experience Requirements." The Committee decided not to review it and has no objection to the staff's proposal to issue this Regulatory Guide as final. No response to this memorandum is required.

Reference:

Memorandum to Edwin M. Hackett, Executive Director, ACRS; from Michael J. Case, Director, Division of Engineering, Office of Nuclear Regulatory Research, dated February 16, 2011, Subject: Draft Final Regulatory Guide 1.149, "Nuclear Power Plant Simulation Facilities For Use In Operator Training, License Examinations, and Applicant Experience Requirements" (ML110410620)

cc: A. Vietti-Cook, SECY	T. Boyce, RES
M. Muessle, OEDO	M. Orr, RES
A. Frazier OEDO	M. Case, RES
N. Valentine, NRR	B. Rini, RES
A. Snyder, NRO	

CONTACT: Kent Howard
301-415-2989

From: Geoffrey.Vaughan@hse.gsi.gov.uk
To: [Case, Michael](#)
Cc: [Rini, Brett](#)
Subject: RE: DS 367 Safety Classification Feedback
Date: Monday, March 14, 2011 8:43:19 AM

Micheal

As you may know by now I have been replaced as chairmn of NUSSC as of the beginning of this year, by Fabien Feron. I am, therefore, out of the loop on this now. It would appear that the French influence was too great!

He was also against submission, so I guess that it will not go forward.

Geoff Vaughan
HM Superintending Inspector of Nuclear Installations
Nuclear Installations Inspectorate
Nuclear Directorate
Health and Safety Executive
Merton Road
Bootle
Merseyside
L20 7HS
Tel: 0151 951 3563
Fax: 0151 951 3732
Mobile: (b)(6)

From: Case, Michael [<mailto:Michael.Case@nrc.gov>]
Sent: 02 March 2011 19:27
To: Geoffrey Vaughan
Cc: Rini, Brett
Subject: DS 367 Safety Classification Feedback

Hi Geoff. I hope all is going well for you. As you know, we have a deadline coming up for an up or down "vote" on moving forward with DS 367 on Safety Classification. I wanted to get your thoughts and insights before I provide our feedback to IAEA.

The feedback I get from our experts is that they do not favor accepting DS 367 in its current form. We've had two reviewers that have been working on it throughout the comment process (one from our operating reactors area and one from the new reactor area) and we also received input from Gary Holahan who had an interest in this particular guide. All three advised me to hold back on DS 367 approval.

Among their observations were:

- Most of our latest comments weren't accepted
- We didn't believe that there should be a safety classification level below 3 (Commercial Grade)
- Safety Category 4 didn't even have a defined treatment level in the guide
- One thought it was too complicated and not adequately defined in some areas such as severe accidents

AE/AD

- We thought the guide would benefit from addressing the industry (ENISS/EUR/Cordel) comments some of which we agreed, but all should be addressed

Gary also note that some of the MDEP countries (Canada taking the lead) are looking at safety classification for new reactors in general and DS 367 in particular. The guide would probably benefit if it could be linked to that effort. I'm not a classification expert, but quite frankly, when I read it, I find it complicated and confusing.

Bottom line is that we think we are tending to voting no as far as moving the standard forward. Are there other insights that you know of that we should be considering at this point? Have you received any other feedback on how others view the guide?

Thanks for any tips you can provide. I'm looking forward to our next meeting. You are always full of great ideas that move us forward.

Best regards,

Mike Case

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www.hse.gov.uk

Or contact the HSE Infoline on 0845 345 0055 or email hse.infoline@natbrit.com
.....

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Communications via the GSI may be automatically logged, monitored and/or recorded for legal purposes.

From: Coyne, Kevin
To: Jean PRIMET
Cc: Siu, Nathan; Abdallah.AMRI@oecd.org
Subject: RE: RE FW: Agenda of the 12th WGRISK Annual Meeting
Date: Monday, March 14, 2011 12:53:00 PM

Dear Jean –

No problem at all – thank you again for agreeing to do the presentation.

Best regards,

Kevin

From: Jean PRIMET [mailto:jean.primet@edf.fr]
Sent: Monday, March 14, 2011 12:17 PM
To: Coyne, Kevin
Cc: Siu, Nathan; Abdallah.AMRI@oecd.org
Subject: RE FW: Agenda of the 12th WGRISK Annual Meeting

Hello Kevin,

I will do my best to prepare the slides by the end of the week but I am afraid I won't be able to be on schedule. Best estimate for delivery is around 23rd of March.

If necessary, I will make the photocopy myself.

Best regards

Jean



Jean PRIMET
Chef de Département Délégué
EDF - R&D
Département "Management des Risques Industriels"
1 avenue du Général de Gaulle
92141 Clamart Cedex

jean.primet@edf.fr

Tél. : 33 - (0) 1 47 65 55 55

Tél. mobile : 33 - (0) (b)(6)



Un geste simple pour l'environnement, n'imprimez ce message que si vous en avez l'utilité.

Kevin.Coyne@nrc.gov

10/03/2011 01:33

A Reino.Virolainen@stuk.fi, jean.primet@edf.fr, Gerhard.Schoen@ensi.ch
cc Nathan.Siu@nrc.gov
Objet FW: Agenda of the 12th WGRISK Annual Meeting

AE/21

Dear Reino, Jean, and Gerhard –

Thank you again for agreeing to participate in the technical discussion on risk communication for decision makers at the upcoming WGRisk annual meeting. As indicated in the draft meeting agenda, Abdallah has the following presentations scheduled under Topic 17, "Technical Discussion":

- "Use of the PSA in the Integrated Regulatory Safety Oversight in Switzerland" by Gerhard Schoen, ENSI, Switzerland
- "Risk-informed applications: how to provide wide and efficient information to decision makers? An EdF R&D perspective" by Jean Primet, EdF, France
- "Communicating Risk Information to Support Regulatory Decision-Making in Finland" by Reino Virolainen, STUK, Finland
- Round Table discussion and conclusions

To support the round table discussion, I plan to have a few slides to guide the overall discussion. In particular, I think determining overall working group interest in potential follow up activities such as workshops or more formal activities (e.g., questionnaires or surveys) would be very useful.

Abdallah has requested slides by March 18 in order to make copies prior to the meeting. If you could also send a copy of your slides to me when you send them to Abdallah, I'd very much appreciate it.

Thanks you again for your help, and I'm very much looking forward to the discussion!

Best regards,

Kevin

From: Abdallah.AMRI@oecd.org [mailto:Abdallah.AMRI@oecd.org]

Sent: Thursday, February 10, 2011 5:21 AM

To: hollo@nubiki.hu; pat@ujv.cz; francois.corenwinder@irsn.fr; vc@aerb.gov.in; comanesl@aecl.ca; christian.kirchsteiger@ec.europa.eu; magiel.versteeg@minvrom.nl; marina.roewekamp@grs.de; mauritz.gardinge@okg.eon.se; djordje.vojnovic@gov.si; isabelle.hendrickx@tractebel.com; k109sky@kins.re.kr; agz@csn.es; rino.caporali@apat.it; vgodinez@cnsns.gob.mx; ming.ang@eon-uk.com; hgkang@kaeri.re.kr; abdallah.amri@oecd.org; michel.hugon@ec.europa.eu; reino.virolainen@stuk.fi; bo.liwang@ssm.se; bassanelli@sogin.it; cillik@vuje.sk; kovacs@relko.sk; varde@barc.gov.in; muramatsu.ken@jaea.go.jp; michel.marques@cea.fr; j.mertens@fz-juelich.de; fujimoto-haruo@jnes.go.jp; tomas.jelinek@ssm.se; remy.bertrand@irsn.fr; nakai.ryodai@jaea.go.jp; vinh.dang@psi.ch; anders.hallman@ssm.se; stojka@vuje.sk; giustino.manna@jrc.nl; gabriel.georgescu@irsn.fr; bugra.kilinc@taek.gov.tr; raducu.gheorghe@cncs-

ccsn.gc.ca; jeanne-marie.lanore@irsn.fr; hbalfanz@tuev-nord.de;
sabhardwaj@npcil.co.in; elter@npp.hu; ana.gomez-cobo@hse.gsi.gov.uk; pierre.le-
bot@edf.fr; rlopezm@cnsns.gob.mx; shane.turner@hse.gsi.gov.uk;
yolande.akl@cnsccsn.gc.ca; irina.sanda@cncan.ro; pieter.degelder@belv.be;
gerhard.schoen@ensi.ch; emmanuel.raimond@irsn.fr; steve.collier@hrp.no;
nuc@brs.dk; atoosa.p-j.thunem@hrp.no; jan.husarcek@ujd.gov.sk;
dk@beredskabsstyrelsen.dk; uchida-tsuyoshi@jnes.go.jp; bareith@nubiki.hu;
ibilgic@taek.gov.tr; jan-erik.holmberg@vtt.fi; manfred.haferburg@wanopc.org;
brinkman@nrg.eu; a.lyubarskiy@iaea.org; paolo.contri@enel.com;
jorma.sandberg@stuk.fi; Siu, Nathan; luciano.burgazzi@enea.it; alg@csn.es;
vincent.sorel@edf.fr; Coyne, Kevin

Subject: Agenda of the 12th WGRISK Annual Meeting

Dear All,

Attached please find a tentative agenda of the 12th WGRISK annual meeting to be held on 30 March – 1 April 2011, at the OECD Conference Centre, 2 rue André Pascal, 75116 Paris, France.

You are kindly requested to consider this agenda with the following:

1) Please confirm your participation to the NEA Secretariat at your earliest convenience but not later than 18 March 2011. Delegates wishing to present papers, reports, proposals, etc. are requested to send an electronic copy of the paper to the NEA Secretariat by 18 March 2011 if prior distribution is required.

2) Please note that Task Group meetings (page 3 of the notification) are planned on 28 – 29 March and take the appropriate arrangements for your participation in these meetings. In particular, you are kindly requested to inform, before 18 March 2011, the NEA Secretariat of your participation in these meetings, so your access to the OECD meeting rooms may be facilitated.

3) During the WGRISK annual meeting, we plan on having extended discussions on the group's strategic direction and working methods. You are kindly requested to come prepared with your ideas on these matters. Under item 19 "WGRISK New Activities", we also plan to discuss potential new tasks for the group; please be prepared to make proposals.

Thank you very much for your cooperation.

With my best regards.

Abdallah AMRI

OECD/NEA Nuclear Safety Division

Phone: + 33 1 45 24 10 54

Fax: + 33 1 45 24 11 29

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From: Howe, Allen
To: Lubinski, John; Thomas, Brian; Glitter, Joseph; Nelson, Robert; McGinty, Tim; Quay, Theodore; Blount, Tom; Cheek, Michael; Lee, Samson; Ruland, William; Bahadur, Sher; Brown, Frederick; Hiland, Patrick; Skeen, David
Cc: Boger, Bruce; Grobe, Jack; Leeds, Eric; Campbell, Stephen
Subject: Watts Bar 2 Management Report - resend with report attached
Date: Monday, March 14, 2011 12:56:52 PM
Attachments: WB2 SER Section Status - Management Report - Combined 3-8-11.xls

All - attached is the current Watts Bar 2 Management report. The environmental information has been added. We have also identified some areas where more information is needed or new issues were identified. Steve has coordinated with the branch chiefs. Busy week this week; you should have next week's update earlier in the week.

Allen

From: Campbell, Stephen *in reply*
Sent: Wednesday, March 09, 2011 6:58 AM
To: Howe, Allen
Subject: Management Report

Allen:

Attached is the latest management report that incorporates feedback from my discussions with the BCs yesterday. Please use attached. I will bring you hard copies.

Stephen J. Campbell,
Branch Chief
NRR/DORL/LP-WB
U.S. Nuclear Regulatory Commission
Office - O8H1
Mail Stop - O8H4A
Washington, DC 20555
• E-mail: stephen.campbell@nrc.gov | • Office: (301) 415-3353 | (NRC Cell: (b)(6) Fax:
(301) 415-1885 |
[cid:image001.jpg@01CBDE25.F31C3760]

AE/22

Watts Bar 2 SER Section Status - Management Report (as of March 8, 2011)

Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
AADB						
15.4.1	AADB	John Parillo	LOSS-OF-COOLANT ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.2	AADB	John Parillo	MAIN STEAMLINE BRK OUTSIDE CONTAIN		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.3	AADB	John Parillo	STEAM GENERATOR TUBE RUPTURE		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.4	AADB	John Parillo	CONTROL ROD EJECTION ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.5	AADB	John Parillo	FUEL-HANDLING ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.6	AADB	John Parillo	FAILURE OF SMALL LINE CARRYING COOLANT OUTSIDE CONTAINMENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
15.4.7	AADB	John Parillo	RA RELEASE FROM LIQ TANK FAILURE		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAI's sent to TVA 11/29. Received additional RAI's from AADB on 11/23 based on impact of changes in section 2.3.
AFPB						
9.5.1	AFPB	Charles Moulton	FIRE PROTECTION		5/31/2011	Technical reviewer is continuing to review the draft Fire Protection Report and prepare RAI's. TVAs initial RAI response is due 3/11. An updated draft Fire Protection Report is due 3/15. Partial RAI's were sent 2/9/11. A change request is in process to move the SE finish date to 9/30/11. Received first draft of the Fire Protection Report 12/18/10.
APLA						
Environmental	APLA	Ray Gallucci	CHAPTER 6 AND APPENDIX H TO RERB		4/29/2011	
CVIB						
10.2.2	CVIB	Simon Sheng	TURBINE DISC INTEGRITY		4/15/2011	Draft RAI's received from CVIB on 3/4.
DORL						
1.2.0	DORL	Justin Poole	GENERAL DESIGN DESCRIPTION		4/29/2011	
11.7.2	DORL	Justin Poole	PRIMARY COOLANT OUTSIDE CONTAINMENT			TVA to address this item in future Regulatory Framework Letter.
Environmental	DORL	Justin Poole	ISSUE DRAFT SUPPLEMENTAL FINAL ENVIRONMENTAL STATEMENT (SFES)		6/13/2011	EPA to issue FRN.
EMCB						
2.4.10	EMCB	Dan Hoang	FLOODING PROTECTION REQUIREMENTS		3/11/2011	Staff identified RAI's regarding the use of sand baskets on dams.
EICB						
7.5.2	EICB	Norbert Carte	POST-ACCIDENT MONITORING SYSTEM		4/29/2011	Waiting for RAI response and documentation (Common Q (3/31), Sorrento Radiation Monitoring (received 2/25)) from TVA. Technical reviewer preparing draft SE. EICB conducted an audit at Westinghouse the week of 2/28.
7.6.6	EICB	Hukam Garg	VALVE POWER LOCKOUT		3/15/2011	Waiting for RAI response and documentation from TVA. Technical reviewer preparing draft SE.
IHPB						
12.1.0	IHPB	Roger Pedersen	GENERAL		ML110060851 ML110060853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.

Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
12.3.0	IHBP	Roger Pedersen	RADIATION SOURCES		ML110060851 ML110060853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.4.0	IHBP	Roger Pedersen	RADIATION PROTECT DESIGN FEATURES		ML110060851 ML110060853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.5.0	IHBP	Roger Pedersen	DOSE ASSESSMENT		ML110060851 ML110060853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.6.0	IHBP	Roger Pedersen	HEALTH PHYSICS PROGRAM		ML110060851 ML110060853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
RERB						
Environmental	RERB	Dennis Beissel	CONFIRM INTAKE VELOCITY		2/25/2011	TVA RAI response overdue. Conference call conducted with Licensee 1/20/2011.
Environmental	RERB	Dennis Beissel	AQUATIC REPORTS (IMPINGEMENT, ENTRAINMENT)		3/18/2011	TVA preparing reports.
Environmental	RERB	Dennis Beissel	ALTERNATIVES AND "NEED FOR POWER" JUSTIFICATION		3/31/2011	
Environmental	RERB	Dennis Beissel	RESOLUTION TO CHAPTER 11 QUESTIONS REGARDING OFFSITE DOSAGE		TBD	See IHBP status for Chapter 11.
Environmental	RERB	Dennis Beissel	DRAFT SUPPLEMENTAL FINAL ENVIRONMENTAL STATEMENT (SFES) TO PM		5/13/2011	Achieving this milestone requires timely resolution of the intake velocity and Chapter 11 questions regarding offsite dosage and receipt of the aquatic reports and SAMA.
SBPB						
9.2.1	SBPB	Gerry Purciarello	ERCW & RCWS		3/4/2011	Technical reviewer to submit draft SE by 3/11. CR approved, SE finish date 3/4. RAI response received 12/10.
9.2.2	SBPB	Gerry Purciarello	COMPONENT COOLING SYSTEM		3/4/2011	Technical reviewer to submit draft SE by 3/18. CR approved, SE finish date 3/4. RAI response received 12/10. RAI's sent to TVA 9/17.
9.3.2	SBPB	Ed Smith	PROCESS SAMPLING SYSTEM		11/19/2010	TVA RAI response overdue. RAI's submitted 4/28. CR approved. SE finish date 11/19/10.
11.2.0	SBPB	Ed Smith	LIQUID WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHBP SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
11.3.0	SBPB	Ed Smith	GASEOUS WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHBP SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
11.4.0	SBPB	Ed Smith	SOLID WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHBP SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
SRXB						
5.2.2	SRXB	Sam Miranda	OVERPRESSURIZATION PROTECTION		4/15/2011	RAI response received 2/11. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15. CR approved, SE finish date 11/30. Partial RAI response received 10/4 and 11/9.
6.3.1	SRXB	Sam Miranda	SYSTEM DESIGN		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.2	SRXB	Sam Miranda	EVALUATION		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.

Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
6.3.3	SRXB	Sam Miranda	TESTING		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.4	SRXB	Sam Miranda	PERFORMANCE EVALUATION		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.5	SRXB	Sam Miranda	CONCLUSIONS		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
15.2.2	SRXB	Sam Miranda	INCREASED COOLING TRANSIENTS		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.2.3	SRXB	Sam Miranda	CHANGE IN COOLANT INVENTORY TRANSIENTS		4/15/2011	RAI response received 2/10. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15. Partial RAI response received 11/9.
15.2.4	SRXB	Sam Miranda	REACTIVITY & POWER DISTRIBUTION		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.2.5	SRXB	Sam Miranda	CONCLUSIONS		4/15/2011	Technical reviewer preparing draft SE.
15.3.1	SRXB	Sam Miranda	LOSS-OF-COOLANT ACCIDENT		4/15/2011	Technical reviewer preparing draft SE. Reacquiring Watts Bar plant data for Len Ward's LOCA analysis. This also impacts input to section 6.3 SE. CR approved, SE finish date 4/15. Len Ward to provide SE input. RAI response received 11/9.
15.3.2	SRXB	Sam Miranda	STEAMLINE BREAK		4/15/2011	RAI response received 2/11. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15.
15.3.3	SRXB	Sam Miranda	FEEDWATER SYSTEM PIPE BREAK		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.4	SRXB	Sam Miranda	REACTOR COOLANT PUMP ROTOR SEIZURE		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.5	SRXB	Sam Miranda	REACTOR COOLANT PUMP SHAFT BREAK		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.6	SRXB	Sam Miranda	ANTICIPATED TRANSIENT WITHOUT SCRAM		4/15/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
Legend: <div> <div>Complete</div> <div>Finish date in next 2 weeks</div> <div>Finish date is greater than 2 weeks</div> </div> <div> <div>NRR Overdue</div> <div>TVA Overdue</div> <div>SE Open Item</div> </div> <div>Note: Responses to Open and Confirmatory Items will require quick staff review and closeout.</div>						

From: Correia, Richard
To: Coyne, Kevin
Cc: Coe, Doug; Peters, Sean
Subject: RE: Level 3 PRA/SOARCA Joint Meeting
Date: Monday, March 14, 2011 5:08:14 PM

Interesting developments Kevin. Please keep me posted.

thx

From: Coyne, Kevin
Sent: Monday, March 14, 2011 4:13 PM
To: Correia, Richard
Cc: Coe, Doug; Peters, Sean
Subject: RE: Level 3 PRA/SOARCA Joint Meeting

Thanks Rich –

I'll get the word out to the BC's to schedule meetings starting the week of the 4th and aim for 45 minutes or so. Sean's branch (HFRB – Human Factors and Reliability) has the lead for the Division Meeting – I don't think Sean has an agenda drafted yet, but he was aware that you might want to use at least a portion of the meeting to greet the DRA staff.

Another heads item is that we've just been asked by the EDO's office to prepare a Commission Scheduling memo - evidently the Chairman's office would like a Commission meeting to coincide with the July Level 3/SOARCA paper. This was not an expected development. Dan Hudson (RES/DRA TA) and Pat Santiago (RES/DSA – SOARCA Project BC) are working on getting a draft scheduling memo together. The goal would be to provide something back to the EDO's office by Wednesday. I'll run the memo by Kathy Gibson and Jennifer/Brian before sending it over to the EDO's office.

-Kevin

From: Correia, Richard
Sent: Monday, March 14, 2011 7:09 AM
To: Coe, Doug
Cc: Coyne, Kevin
Subject: RE: Level 3 PRA/SOARCA Joint Meeting

Thx Doug, Kevin,

I'll certainly put the ACRS and DRA all hands on my calendar. The all hands will be a great opportunity to meet the staff and have a Q & A session. Do you have a draft agenda in mind?

As far as meeting with each Branch, we can start probably the week of April 4th. I know the BCs will be busy with midterm appraisal discussions so do not interfere with that but certainly 45 minutes or so to start would be good.

Have a great week and contact me as needed.

AE/23

My Blackberry number is (b)(6)

thx

From: Coe, Doug
Sent: Thursday, March 10, 2011 2:25 PM
To: Correia, Richard
Cc: Coyne, Kevin
Subject: FW: Level 3 PRA/SOARCA Joint Meeting

Hi Rich,

Just got word that we will have an opportunity to address the ACRS joint subcommittees having interest in our June Commission paper on Level III PRA and SOARCA on May 9 in the afternoon. This email is just to suggest that you may want to block that time on your calendar.

Also, I will be out of the office next week and Kevin Coyne will be acting Division Director. Not sure if I am going to have BB connectivity (in Bay Islands, Honduras), so may not be in touch next week. I'll be in the office through tomorrow around 3pm.

Our BCs and SLs are now preparing to brief you on their activities, so please feel free to let Kevin/me know when you would like us to start scheduling those briefings. I also anticipate that you may want to meet each Branch separately. We also have an all-hands Division meeting scheduled next for April 26 1:30-3pm if you would like to block that time.

Finally (for now), I asked that you be sent the Safety Culture Steering Committee meeting schedulers. Christiana had been supporting that and we can discuss further if you would like to carry it on or shift this and other collaboration initiatives between us.

Doug

From: Lai, John
Sent: Thursday, March 10, 2011 2:11 PM
To: Hudson, Daniel
Cc: Coe, Doug; Stutzke, Martin; Coyne, Kevin; Santiago, Patricia; Armstrong, Kenneth
Subject: Level 3 PRA/SOARCA Joint Meeting

Dan,

Per our meeting discussion today, I have canceled the Subcommittee meeting on April 19, 2011 and reschedule it to the afternoon of May 9, 2011. The members have confirmed the date. I also reschedule the Full Committee meeting from May 12-14 to June 8-10, 2011.

As we discussed, the draft paper and related material are due to me by April 9, 2011 but no later than COB April 11, 2011.

If you cannot meet the schedule or have any other questions, please contact me.

Thanks,

John Lai
Senior Staff Engineer
NRC/ACRS/RSB-B
Voice: 301-415-5197
FAX : 301-415-5589
john.lai@nrc.gov
MST2-E26

From: ashok
To: Case, Michael
Subject: Re: DS 414 Gap Analysis
Date: Monday, March 14, 2011 5:37:31 PM

Mike,

Gary suggested that I read the current version of DS414 and highlight any issues I think might be important. How is the gap analysis coming along?

Ashok

----- Original Message -----

From: Case, Michael
To: ashok
Cc: Williams, Donna ; Rini, Brett ; Rivera-Lugo, Richard ; Boyce, Tom (RES)
Sent: Monday, March 14, 2011 7:00 AM
Subject: RE: DS 414 Gap Analysis

Hi Ashok. Great. I have a small item for you associated with DS 414. We're a little bit tied down with the Japanese thing but I'll work with Brett and get a tasking to you.

From: ashok [mailto:(b)(6)]
Sent: Friday, March 11, 2011 9:27 PM
To: Case, Michael
Subject: Re: DS 414 Gap Analysis

Hi Mike,

I can work on the NRC projects as the clearance has been reinstated. Let me know if there is time to give you my feedback. I enjoyed your session at the RIC.

Ashok

----- Original Message -----

From: Case, Michael
To: (b)(6)
Sent: Wednesday, February 16, 2011 3:58 PM
Subject: Re: DS 414 Gap Analysis

Hey, good to hear from you. We need to combine some of the answers from the offices so we can be flexible with the 28th.

Good luck with that drug test!
Sent from Blackberry
Michael Case.

From: ashok (b)(6)
To: Case, Michael
Cc: Rini, Brett; Williams, Donna; Holahan, Gary
Sent: Wed Feb 16 14:30:47 2011
Subject: Re: DS 414 Gap Analysis

Hi Mike,

AE/24

Happy new year,

----- Original Message -----

Subject: FW: DS 414 Gap Analysis

DS 414 is particularly challenging because it has such an enormous span. In the e-mail below, we tried to focus the staff on a hand full of key areas. I was hoping that you could use the email and the sample that we did, to write down some of your thoughts in the areas of

- We're targeting February 28th to get the initial input in. Then we intend to merge the input we get from NRR, NRO and you. Take a look and if you have any questions, let me know.

Sent: Thursday, February 03, 2011 7:39 AM

To: Rosales-Cooper, Cindy; Quinones, Lauren; Rodriguez, Veronica
Cc: Johnson, Michael; Holahan, Gary; Ader, Charles; Akstulewicz, Frank; Dube, Donald; Miranda, Samuel; Brach, Bill; Cool, Donald; Schwartzman, Jennifer; Abu-Eid, Bobby; Cook, John; Williams, Shawn; Sanfilippo, Nathan; Lombard, Mark; Rini, Brett; Richards, Stuart
Subject: DS 414 Gap Analysis

As you know, DS 414, "Safety of Nuclear Power Plants: Design," has been working its way through the IAEA process for several years. It is on target to be sent to the CSS this Spring. In anticipation of that and given some concerns that we have with the document, we would like to do a targeted gap analysis on specific areas of the draft guide.

I've attached the most recent version of DS 414 (draft 27e from January 2011) for your review. We have already performed a gap analysis on Section 1 as an example that is attached. We would like your offices to do a gap analysis in the following areas of the document:

- | | |
|--|----------------------------|
| • Defence in Depth Principle Requirement 7 | Sections 2.11, 2.12, 2.13; |
| • Safety Security Interface | Requirement 8 |
| • DBA and Severe Accident Considerations | Requirements 20 and 21 |
| • Safety Classification | Requirements 23 and 24 |
| • ECCS | Requirements 51, 52, 53 |

The gap analysis template is available at [ML092290859](#). In addition to the typical gap analysis process of identifying where the NRC may not meet DS414, we would also like you to explain how we meet the underlying intent of the safety standard. We will use the resultant analyses to chart a path forward on DS414 prior to the CSS meeting in May.

Please send your inputs to myself and Brett Rini by February 28.

Thanks,

Mike

_____ Information from ESET NOD32 Antivirus, version of virus signature database 5946 (20110311) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

_____ Information from ESET NOD32 Antivirus, version of virus signature database 5953 (20110314) _____

The message was checked by ESET NOD32 Antivirus.

<http://www.eset.com>

From: [Sara Rohling](#)
To: [Leeds, Eric](#)
Subject: RE: Next steps for your ET/LT
Date: Tuesday, March 15, 2011 1:37:23 PM

Eric – I totally understand, and I am glad you guys are on it and can help in multiple ways.

Probably a good job you took that Friday off recently – things could be VERY busy for a while.

From: Leeds, Eric [mailto:Eric.Leeds@nrc.gov]
Sent: Tuesday, March 15, 2011 1:00 PM
To: Sara Rohling
Cc: Adelstein, Patricia; Gerke, Laura
Subject: RE: Next steps for your ET/LT

Thanks, Sara! We are flooded with helping the Japanese and making sure we keep the US reactors safe. But we'll look hard at your proposal and get back with you.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Sara Rohling [mailto:SRohling@suntiva.com]
Sent: Tuesday, March 15, 2011 9:48 AM
To: Leeds, Eric
Cc: Adelstein, Patricia; Gerke, Laura
Subject: RE: Next steps for your ET/LT

Eric – I am so glad to hear the conference was a great success – such a huge undertaking requires MUCH planning and organization. I imagine what's happening in Japan is causing some major ripples in NRC – unbelievable the scale and complexity of what's happening over there. What a tragedy.

Coming back to NRR, I have written up a proposed approach for aligning yourself, John, and Bruce following a model that our chairman and founder, Dr. Hany Malik uses with executives and uses here in our own organization since Suntiva is also led by a "trio" of executives. I have integrated it with strengthening your leadership team as it makes sense to get their input and buy-in and at the same time find out what they think is working well on the team and what could be better. That way we can work the decision-making feedback or other concerns they may have. And I am adding in the option of one-on-one coaching (bottom of spreadsheet) for you to consider with my thought process being – you in particular, and John and Bruce are likely to get a LOT of feedback from one another and from your team. This can be an intense process and I want to make sure you are getting the support you need when you need it as well as making you an even stronger leader on the back end of this process.

I want to be transparent so you can see my cost calculations to match what's in the proposal document using the rates on our OD contract with NRC.

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Let me know what you think – I'm happy to come over and discuss in person with you, answer any questions that you have. If you do decide to move forward, Patricia and I would work to set up a task order on our existing NRC contract.

And just so you know, I would love to do this work with you and your team!

Hope you are keeping well and taking good care of yourself.

Sara

From: Leeds, Eric [mailto:Eric.Leeds@nrc.gov]
Sent: Thursday, March 10, 2011 3:55 PM
To: Sara Rohling
Cc: Adelstein, Patricia; Gerke, Laura
Subject: RE: Next steps for your ET/LT

Thanks, Sara! Looking forward to your ideas. The conference was a hit – I'm very pleased.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Sara Rohling [mailto:SRohling@suntiva.com]
Sent: Tuesday, March 08, 2011 10:45 AM
To: Leeds, Eric
Cc: Adelstein, Patricia
Subject: Next steps for your ET/LT

Eric,

Hope the conference you are leading this week is a huge success.

Any development/improvement work with your leadership team would be considered "organization development" (OD). Patricia Adelstein is the NRC OD rep so I am cc ing her on this email. I will pull together some thoughts on next steps that you, Patricia and I can discuss at our next meeting. If we were to move forward the work would be paid for by NRR through Patricia's OD contract.

Take good care of yourself. Sara

Sara Keenan Rohling, Director
SUNTIVA
7600 Leesburg Pike Ste 440E | Falls Church, VA 22043
(703) 462-8470 Main | (b)(6) Cell | (703) 462-8477 Fax
www.suntiva.com

Great Minds. Great Hearts

Weber, Michael

From: Weber, Michael
Sent: Tuesday, March 15, 2011 6:38 PM
To: (b)(6)
Cc: Pearson, Laura; Coggins, Angela
Subject: RESPONSE - JAPAN IPC SVTC MEETING 0800 16 MARCH

Good evening, Mr. Landau. I have been requested by the NRC Chairman to participate in this SVTC tomorrow on behalf of the Nuclear Regulatory Commission. Arrangements for the call have been made by NRC and NSS staff.

Regards

Mike

Michael Weber
Deputy Executive Director for Materials, Waste, Research,
State, Tribal, and Compliance Programs
U.S. Nuclear Regulatory Commission

301-415-1705
Mail Stop O16E15

From: Reino.Virolainen@stuk.fi
To: Coyne, Kevin
Cc: Kuritzky, Alan; Ilkka.Niemela@stuk.fi; Jan-Erik.Holmberg@vtt.fi; Kim.Bjorkman@vtt.fi
Subject: RE: Request for Peer Review of Software Reliability Modeling Report
Date: Tuesday, March 15, 2011 7:55:47 AM

Dear Kevin,
STUK and VTT are available for reviewing the new BNL report on Quantitative Software Reliability.
At VTT side Jan Holmberg and Kim Björkman and at STUK side Ilkka Niemelä and Reino Virolainen
are the candidates to participate in the review.

Best regards,
Reino

From: Coyne, Kevin [<mailto:Kevin.Coyne@nrc.gov>]
Sent: Monday, March 14, 2011 9:20 PM
To: Virolainen, Reino
Cc: Kuritzky, Alan
Subject: RE: Request for Peer Review of Software Reliability Modeling Report

Dear Reino –

Thank you very much for your help –

Best regards,

Kevin

From: Reino.Virolainen@stuk.fi [<mailto:Reino.Virolainen@stuk.fi>]
Sent: Monday, March 14, 2011 11:55 AM
To: Coyne, Kevin
Subject: RE: Request for Peer Review of Software Reliability Modeling Report

Dear Kevin,
I will contact VTT with this matter and propose a similar co-operation as with the
previous BNL report.
I will inform you as soon as possible.
Best regards,
Reino

From: Coyne, Kevin [<mailto:Kevin.Coyne@nrc.gov>]
Sent: Monday, March 14, 2011 5:15 PM
To: Virolainen, Reino
Cc: Coe, Doug; Kuritzky, Alan
Subject: Request for Peer Review of Software Reliability Modeling Report

Dear Reino -

Last April, STUK and VTT provided the NRC with comments on
the Brookhaven National Laboratory (BNL) draft report entitled,
"Review of Quantitative Software Reliability Methods." Since

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that time, the NRC has sponsored BNL to perform additional work in the area of quantitative software reliability. BNL has recently submitted a report entitled, "Development of Quantitative Software Reliability Models for Digital Protection Systems of Nuclear Power Plants." The study documented in this report continues BNL's preceding work on software reliability by selecting candidate quantitative software reliability models and further developing them in preparation for a case study of the selected methods. After completion of an internal NRC review by the project manager, we are planning to have the report reviewed by a set of approximately four external peer reviewers (domestic and international), before releasing the report publicly.

We very much appreciate the comments we received from your review on the last report and would like to have STUK (and VTT, if available) participate as a peer reviewer on this new report. The report will probably be issued for peer review early next month (April 2011) and we would like written comments back 8 weeks later. The report will probably end up being around 70-80 pages.

Please let me know if STUK can support us in this effort. Also, please do not hesitate to contact me if you have any questions.

Thank you and best regards,

Kevin

*Kevin Coyne, P.E., Ph.D.
Chief, Probabilistic Risk Assessment Branch
Division of Risk Analysis, Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
(301) 251-7586 (work)*

(b)(6) (cell)

From: Berry, Rollie
To: Augustus, Reginald; Green, Jamie; Harvey, Sue; Ma, May; Nelson-Wilson, Carlyleamaryllis; Shnayder, Yana; Grancorvitz, Teresa; Spencer, Ruth; Stout, Kathleen; Zilka, Kathleen; Hunter, James; McGill, Clinton; Bayliff, Shirley; Holt, BJ; Gardin, Kathy; Nute-Blackshear, Lora; Lockhart, Michelle; Rule, David; Nick, Joseph; Vassos, John; Butler, Rodney; Ford, William; Blond, Tamoria; Weaver, Doug; Benner, Eric; Rahimi, Meraj; Mohseni, Aby; Davis, Jack; Kokaiko, Lawrence; Kuk, Jennifer
Cc: Lorson, Raymond; Munday, Joel; Boland, Anne; Caniano, Roy; Woods, Carolyn; Cain, Chuck; Duncan, Eric; Hills, David; Lara, Julio; Lipa, Christine; Loudon, Patrick; OBrien, Kenneth; Reynolds, Steven; Shear, Gary; Sotiropoulos, Dina; West, Steven; Coe, Doug; Coyne, Kevin; Gibson, Kathy; Scott, Michael; Armstrong, Kenneth; Hudson, Daniel; Case, Michael; Richards, Stuart; Rini, Brett; Waters, Michael; Peters, Sean; Gavrilas, Mirela
Subject: SFST Business Line Alignment Meeting (with call in info)

When: Tuesday, March 15, 2011 8:00 AM-9:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-EBB-01B15-25p-VTC

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

SFST Business Line partners,
This meeting will be used for final alignment across the business line. Leading up to this meeting I hope to send out a document Friday the 11th showing the proposed FY13 budget. I will add a bridge line for those in other buildings/regions/desk listeners. The list of people I have emailed has expanded and contracted through this process. If you know someone is not included please feel free to forward this or alert me and I can include them.

Thanks you for bearing with me through this process,
Rollie

Rollie Berry
Program Coordinator
NMSS/SFST
EBB-3D-03
301-492-3332

The call in information for the meeting is:
Participant passcode (b)(6)
Call in number: 888-769-8762

*though the room supports VTC, it will not be used.

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Murphy, Andrew

From: Anooshehpoor, Rasool
Sent: Tuesday, March 15, 2011 10:36 AM
To: Murphy, Andrew
Subject: RE: 1st accelerograms I've seen

I know. Earlier, I sent an email to John Anderson to see why the ShakeMap estimates are an order of magnitude lower. The record in Tokyo shows PGA of about 2.7 g. Something must not be right!!

I'll keep you posted if I find out more.

Rasool

From: Murphy, Andrew
Sent: Tuesday, March 15, 2011 10:09 AM
To: Anooshehpoor, Rasool
Subject: RE: 1st accelerograms I've seen

Thanks – Are these tables indicating acceleration in excess of 2 g? These are quite high. Any idea where the stations are?

Andy

From: Anooshehpoor, Rasool
Sent: Tuesday, March 15, 2011 8:46 AM
To: Murphy, Andrew
Subject: FW: 1st accelerograms I've seen

John Anderson sent me this file. I am forwarding it to you.

Rasool

From: John Anderson [mailto:(b)(6)]
Sent: Tuesday, March 15, 2011 4:38 AM
To: Anooshehpoor, Rasool; Anooshehpoor, Rasool
Subject: 1st accelerograms I've seen

fyi

--

John G. Anderson

Nevada Seismological Laboratory
& Department of Geological Sciences and Engineering
MS 174
University of Nevada
Reno, Nevada 89557
Office: 775-784-1954
email: jga@unr.edu

From: info@i360gov.com on behalf of i360Gov Webinars
To: Virgilio, Martin
Subject: Reminder: Study Results: Private Clouds in Gov Agencies
Date: Tuesday, March 15, 2011 11:10:20 AM

Having trouble viewing this e-mail? [Click here](#) to view as a web page.
To ensure our emails reach your inbox, add info@i360gov.com to your address book or Safe Sender List.



Private Clouds: The Results Are In.

Greetings,

The results and analysis of i360Gov's research study regarding private cloud initiatives in government agencies will be presented in a complimentary webinar on **Tuesday, Mar. 22, 2011 at 2 PM Eastern.**

Please join our subject-matter-experts **Lee Badger (NIST)** and **Doug Bourgeois (formerly with U.S. Dept of Interior and the U.S. Patent and Trademark Office)**, as we present and discuss the results of this study, and explore the benefits of a private cloud versus a public cloud.

[Click here](#) to register for this complimentary webinar.

All webinar registrants will receive a copy of i360Gov's special report detailing the results of this study.

Should you have any questions, please call me directly at 919-577-0898.

Thank you for your time.

Warm regards,

Jon Morton

Jon Morton
President
i360Gov, Inc.
919-577-0898 (office)
(b)(6) (mobile)
919-577-0897 (fax)
[jonmorton1 \(skype\)](mailto:jonmorton1@i360gov.com)
www.i360Gov.com

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Owen, Lucy

From: Murphy, Jerome
Sent: Tuesday, March 15, 2011 1:26 PM
To: Murphy, Jerome; Zimmerman, Roy; Campbell, Andy; McCrary, Cheryl; Krupnick, David; Leeds, Eric; Boger, Bruce; Grobe, Jack; Cohen, Miriam; Tracy, Glenn; Sheron, Brian; Uhle, Jennifer; Burns, Stephen; Hawkens, Roy; Hackett, Edwin; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Arthur; Boyce, Thomas (OIS); Schaeffer, James; Greene, Kathryn; Stewart, Sharon; Wiggins, Jim; Mitchell, Reggie; Doane, Margaret; Mamish, Nader; Valentin, Andrea; Grancorvitz, Teresa; Ma, May; Harvey, Sue; McDevitt, Joan; Tenaglia, Mickey; Powell, Amy; Brenner, Eliot; Poole, Brooke; Joosten, Sandy; Bates, Andrew; Gallo, Jenny; Perry, Jamila; McKoy Moore, Larniece; Whetstine, Jack; Dambly, Jan; Bettis, Ashley; McCrary, Cheryl; Cullison, David; Somerville, Glenda; Horn, James; Baker, Pamela; Walker, Tracy; Rule, David; Zilka, Kathleen; McGill, Clinton; Clarkson, Sharon; Holt, BJ; Sotiropoulos, Dina; Bayliff, Shirley; Hays, Myra; Nute-Blackshear, Lora; Krupnick, David; Gardin, Kathy; Abraham, Susan; Le, Hong; Newell, Karenina; Givvines, Mary; Arrighi, Russell; Ferrell, Kimberly; Rheaume, Cynthia; Lockhart, Michelle; Gulla, Gerald; Nibert, Patty; Campbell, Andy; Krupnick, David; Boyd, Lena; Lockhart, Michelle; Spencer, Ruth; Stout, Kathleen; Kirkwood, Sara; Moulding, Patrick; Shnayder, Yana; Tenaglia, Mickey; Zabler, Marian; Butler, Rodney
Cc: NRO_Division_Directors; NRO_Deputy_Division_Directors; NRO_TA; Lin, Chien-Ting; Flanders, Rhea; Gusack, Barbara
Subject: RE: FY 2013 New Reactors Business Line Budget Meeting Material

New Reactors Business Line Offices, as I stated in today's New Reactors Business Line budget meeting, the attachment (New Rx BL -3-15-11) that was sent out at this morning, budget detail table FY 2013 column is not adding the resources correctly. Please disregard the attachment. We will be sending a revised budget detail report shortly.

Jerome

From: Murphy, Jerome
Sent: Tuesday, March 15, 2011 9:52 AM
To: Zimmerman, Roy; Campbell, Andy; McCrary, Cheryl; Krupnick, David; Leeds, Eric; Boger, Bruce; Grobe, Jack; Cohen, Miriam; Tracy, Glenn; Sheron, Brian; Uhle, Jennifer; Burns, Stephen; Hawkens, Roy; Hackett, Edwin; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Arthur; Boyce, Thomas (OIS); Schaeffer, James; Greene, Kathryn; Stewart, Sharon; Wiggins, Jim; Mitchell, Reggie; Doane, Margaret; Mamish, Nader; Valentin, Andrea; Grancorvitz, Teresa; Ma, May; Harvey, Sue; McDevitt, Joan; Tenaglia, Mickey; Powell, Amy; Brenner, Eliot; Poole, Brooke; Joosten, Sandy; Bates, Andrew; Gallo, Jenny; Perry, Jamila; McKoy Moore, Larniece; Whetstine, Jack; Dambly, Jan; Bettis, Ashley; McCrary, Cheryl; Cullison, David; Somerville, Glenda; Horn, James; Baker, Pamela; Walker, Tracy; Rule, David; Zilka, Kathleen; McGill, Clinton; Clarkson, Sharon; Holt, BJ; Sotiropoulos, Dina; Bayliff, Shirley; Hays, Myra; Nute-Blackshear, Lora; Krupnick, David; Gardin, Kathy; Abraham, Susan; Le, Hong; Newell, Karenina; Givvines, Mary; Arrighi, Russell; Ferrell, Kimberly; Rheaume, Cynthia; Lockhart, Michelle; Gulla, Gerald; Nibert, Patty; Campbell, Andy; Krupnick, David; Boyd, Lena; Lockhart, Michelle; Spencer, Ruth; Stout, Kathleen
Cc: NRO_Division_Directors; NRO_Deputy_Division_Directors; NRO_TA; Lin, Chien-Ting; Flanders, Rhea; Gusack, Barbara
Subject: FY 2013 New Reactors Business Line Budget Meeting Material

New Reactors Business Line Offices, attached are the material for today's budget meeting starting at 10:30am eastern time. Also, below is the dial in number if you did not receive it from Ms. Shannon King. Look forward to our meeting.

Country Toll Numbers Freephone/Toll Free Number

USA: 1888-677-3792

PASSCODE FOR PARTICIPANTS AND LEADER: (b)(6)

Very Respectfully,

Jerome Murphy

FPMB Branch Chief
NRO/PMDA
Jerome.Murphy@nrc.gov
(301) 415-2288

Rini, Brett

From: Sheron, Brian
Sent: Tuesday, March 15, 2011 1:37 PM
To: Leeds, Eric; Borchardt, Bill
Cc: Taylor, Renee; Weber, Michael; Uhle, Jennifer; Boger, Bruce; Ruland, William
Subject: RE: Charlie Tinkler will support the Chairman

Charlie was (b)(6) Jason Shaperow will be going. Jennifer is going with him.

From: Leeds, Eric
Sent: Tuesday, March 15, 2011 11:36 AM
To: Borchardt, Bill
Cc: Taylor, Renee; Weber, Michael; Sheron, Brian; Uhle, Jennifer; Boger, Bruce; Ruland, William
Subject: Charlie Tinkler will support the Chairman

Bill –

RES will supply Charlie Tinkler for this afternoon's activities with the Chairman and tomorrow's briefings on the hill. We'll have him contact Rene to get travel info – so he will travel with you this afternoon. Big thanks to Jennifer for making this happen!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

AE/32

From: Lubinski, John
To: Thomas, Brian
Subject: FW: Watts Bar 2 Management Report - resend with report attached
Date: Tuesday, March 15, 2011 2:22:00 PM
Attachments: WB2 SER Section Status - Management Report - Combined 3-8-11.xls

-----Original Message-----

From: Howe, Allen
Sent: Monday, March 14, 2011 12:57 PM
To: Lubinski, John; Thomas, Brian; Glitter, Joseph; Nelson, Robert; McGinty, Tim; Quay, Theodore; Blount, Tom; Cheok, Michael; Lee, Samson; Ruland, William; Bahadur, Sher; Brown, Frederick; Hiland, Patrick; Skeen, David
Cc: Boger, Bruce; Grobe, Jack; Leeds, Eric; Campbell, Stephen
Subject: Watts Bar 2 Management Report - resend with report attached

All - attached is the current Watts Bar 2 Management report. The environmental information has been added. We have also identified some areas where more information is needed or new issues were identified. Steve has coordinated with the branch chiefs. Busy week this week; you should have next week's update earlier in the week.

Allen

From: Campbell, Stephen
Sent: Wednesday, March 09, 2011 6:58 AM
To: Howe, Allen
Subject: Management Report

Allen:

Attached is the latest management report that incorporates feedback from my discussions with the BCs yesterday. Please used attached. I will bring you hard copies.

Stephen J. Campbell,
Branch Chief
NRR/DORL/LP-WB
U.S. Nuclear Regulatory Commission
Office - O8H1
Mail Stop - O8H4A
Washington, DC 20555

• E-mail: stephen.campbell@nrc.gov | • Office: (301) 415-3353 | (NRC Cell: (b)(6) |7 Fax: (301) 415-1885 | [cid:image001.jpg@01CBDE25.F31C3760]

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Watts Bar 2 SER Section Status - Management Report (as of March 8, 2011)						
Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
AADB						
15.4.1	AADB	John Parillo	LOSS-OF-COOLANT ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.2	AADB	John Parillo	MAIN STEAMLINE BRK OUTSIDE CONTAIN		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.3	AADB	John Parillo	STEAM GENERATOR TUBE RUPTURE		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.4	AADB	John Parillo	CONTROL ROD EJECTION ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.5	AADB	John Parillo	FUEL-HANDLING ACCIDENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.6	AADB	John Parillo	FAILURE OF SMALL LINE CARRYING COOLANT OUTSIDE CONTAINMENT		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
15.4.7	AADB	John Parillo	RA RELEASE FROM LIQ TANK FAILURE		12/30/2010	TVA RAI response overdue. RAI resent 1/12/11. Partial RAI response received 12/10. RAIs sent to TVA 11/29. Received additional RAIs from AADB on 11/23 based on impact of changes in section 2.3.
AFPB						
9.5.1	AFPB	Charles Moulton	FIRE PROTECTION		5/31/2011	Technical reviewer is continuing to review the draft Fire Protection Report and prepare RAIs. TVAs initial RAI response is due 3/11. An updated draft Fire Protection Report is due 3/15. Partial RAIs were sent 2/9/11. A change request is in process to move the SE finish date to 9/30/11. Received first draft of the Fire Protection Report 12/18/10.
APLA						
Environmental	APLA	Ray Gallucci	CHAPTER 6 AND APPENDIX H TO RERB		4/29/2011	
CVIB						
10.2.2	CVIB	Simon Sheng	TURBINE DISC INTEGRITY		4/15/2011	Draft RAIs received from CVIB on 3/4.
DORL						
1.2.0	DORL	Justin Poole	GENERAL DESIGN DESCRIPTION		4/29/2011	
11.7.2	DORL	Justin Poole	PRIMARY COOLANT OUTSIDE CONTAINMENT			TVA to address this item in future Regulatory Framework Letter.
Environmental	DORL	Justin Poole	ISSUE DRAFT SUPPLEMENTAL FINAL ENVIRONMENTAL STATEMENT (SFES)		6/13/2011	EPA to issue FRN.
EMCB						
2.4.10	EMCB	Dan Hoang	FLOODING PROTECTION REQUIREMENTS	3/11/2011		Staff identified RAIs regarding the use of sand baskets on dams.
EICB						
7.5.2	EICB	Norbert Carte	POST-ACCIDENT MONITORING SYSTEM		4/29/2011	Waiting for RAI response and documentation (Common Q (3/31), Sorrento Radiation Monitoring (received 2/25)) from TVA. Technical reviewer preparing draft SE. EICB conducted an audit at Westinghouse the week of 2/28.
7.6.6	EICB	Hukam Garg	VALVE POWER LOCKOUT		3/15/2011	Waiting for RAI response and documentation from TVA. Technical reviewer preparing draft SE.
IHPB						
12.1.0	IHPB	Roger Pedersen	GENERAL		ML110080851 ML110080853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.

Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
12.3.0	IHBP	Roger Pedersen	RADIATION SOURCES		ML110086851 ML110086853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.4.0	IHBP	Roger Pedersen	RADIATION PROTECT DESIGN FEATURES		ML110086851 ML110086853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.5.0	IHBP	Roger Pedersen	DOSE ASSESSMENT		ML110086851 ML110086853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
12.6.0	IHBP	Roger Pedersen	HEALTH PHYSICS PROGRAM		ML110086851 ML110086853	RAI response received 2/25. Technical reviewer is evaluating RAI response. SE input received with large open items on 1/14. Partial RAI response received 12/10. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/27.
RERB						
Environmental	RERB	Dennis Beissel	CONFIRM INTAKE VELOCITY		2/25/2011	TVA RAI response overdue. Conference call conducted with Licensee 1/20/2011.
Environmental	RERB	Dennis Beissel	AQUATIC REPORTS (IMPINGEMENT, ENTRAINMENT)		3/18/2011	TVA preparing reports.
Environmental	RERB	Dennis Beissel	ALTERNATIVES AND "NEED FOR POWER" JUSTIFICATION		3/31/2011	
Environmental	RERB	Dennis Beissel	RESOLUTION TO CHAPTER 11 QUESTIONS REGARDING OFFSITE DOSAGE		TBD	See IHPB status for Chapter 11.
Environmental	RERB	Dennis Beissel	DRAFT SUPPLEMENTAL FINAL ENVIRONMENTAL STATEMENT (SFES) TO PM		5/13/2011	Achieving this milestone requires timely resolution of the intake velocity and Chapter 11 questions regarding offsite dosage and receipt of the aquatic reports and SAMA.
SBPB						
9.2.1	SBPB	Gerry Purciarello	ERCW & RCWS		3/4/2011	Technical reviewer to submit draft SE by 3/11. CR approved, SE finish date 3/4. RAI response received 12/10.
9.2.2	SBPB	Gerry Purciarello	COMPONENT COOLING SYSTEM		3/4/2011	Technical reviewer to submit draft SE by 3/18. CR approved, SE finish date 3/4. RAI response received 12/10. RAI's sent to TVA 9/17.
9.3.2	SBPB	Ed Smith	PROCESS SAMPLING SYSTEM		11/19/2010	TVA RAI response overdue. RAI's submitted 4/28. CR approved. SE finish date 11/19/10.
11.2.0	SBPB	Ed Smith	LIQUID WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHPB SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
11.3.0	SBPB	Ed Smith	GASEOUS WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHPB SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
11.4.0	SBPB	Ed Smith	SOLID WASTE MANAGEMENT		ML110260362	Technical reviewer provided clarification questions on 3/4. RAI response received 2/25. Technical reviewer is evaluating RAI response. IHPB SE input with follow-up RAI's received 2/3. SBPB SE input with large open items received 1/20. Partial RAI response received 10/4. Additional RAI's sent to TVA 8/19.
SRXB						
5.2.2	SRXB	Sam Miranda	OVERPRESSURIZATION PROTECTION		4/15/2011	RAI response received 2/11. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15. CR approved, SE finish date 11/30. Partial RAI response received 10/4 and 11/9.
6.3.1	SRXB	Sam Miranda	SYSTEM DESIGN		3/3/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.2	SRXB	Sam Miranda	EVALUATION		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.

Section No.	Branch	Technical Reviewer	SER Chapter Description	RAI's Submitted to PM	SE Deliverable Date to PM	Comments
6.3.3	SRXB	Sam Miranda	TESTING		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.4	SRXB	Sam Miranda	PERFORMANCE EVALUATION		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
6.3.5	SRXB	Sam Miranda	CONCLUSIONS		3/4/2011	See memorandum (ML110400500) dated 2/18/11 regarding meeting between DORL and DSS and agreement on dates for completing the required SRXB safety evaluation input. Staff is evaluating the impact of outstanding RAI responses. Schedule impacts are unknown. Technical reviewer preparing draft SE. See 15.3.1 comments. CR approved, SE finish date 3/4. CR approved, SE finish date 1/21. RAI response received 11/9. CR approved, SE finish date 11/30.
15.2.2	SRXB	Sam Miranda	INCREASED COOLING TRANSIENTS		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.2.3	SRXB	Sam Miranda	CHANGE IN COOLANT INVENTORY TRANSIENTS		4/15/2011	RAI response received 2/10. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15. Partial RAI response received 11/9.
15.2.4	SRXB	Sam Miranda	REACTIVITY & POWER DISTRIBUTION		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.2.5	SRXB	Sam Miranda	CONCLUSIONS		4/15/2011	Technical reviewer preparing draft SE.
15.3.1	SRXB	Sam Miranda	LOSS-OF-COOLANT ACCIDENT		4/15/2011	Technical reviewer preparing draft SE. Reacquiring Watts Bar plant data for Len Ward's LOCA analysis. This also impacts input to section 6.3 SE. CR approved, SE finish date 4/15. Len Ward to provide SE input. RAI response received 11/9.
15.3.2	SRXB	Sam Miranda	STEAMLINE BREAK		4/15/2011	RAI response received 2/11. Technical reviewer is evaluating RAI response. CR approved, SE finish date 4/15.
15.3.3	SRXB	Sam Miranda	FEEDWATER SYSTEM PIPE BREAK		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.4	SRXB	Sam Miranda	REACTOR COOLANT PUMP ROTOR SEIZURE		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.5	SRXB	Sam Miranda	REACTOR COOLANT PUMP SHAFT BREAK		3/18/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
15.3.6	SRXB	Sam Miranda	ANTICIPATED TRANSIENT WITHOUT SCRAM		4/15/2011	Technical reviewer preparing draft SE. RAI response received 11/9.
Legend: <div> <div>Complete</div> <div>Finish date in next 2 weeks</div> <div>Finish date is greater than 2 weeks</div> </div> <div> <div>NRR Overdue</div> <div>TVA Overdue</div> <div>SE Open Item</div> </div> <div>Note: Responses to Open and Confirmatory Items will require quick staff review and closeout.</div>						

From: Murphy, Jerome
To: Murphy, Jerome; Zimmerman, Roy; Campbell, Andy; McCrary, Cheryl; Krupnick, David; Leeds, Eric; Boger, Bruce; Grobe, Jack; Cohen, Miriam; Tracy, Glenn; Sheron, Brian; Uhle, Jennifer; Burns, Stephen; Hawken, Roy; Hackett, Edwin; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Arthur; Boyce, Thomas (OIS); Schaeffer, James; Greene, Kathryn; Stewart, Sharon; Wiggins, Jim; Mitchell, Reggie; Doane, Margaret; Mamish, Nader; Valentin, Andrea; Grancorvitz, Teresa; Ma, May; Harvey, Sue; McDevitt, Joan; Tenaglia, Mickey; Powell, Amy; Brenner, Eliot; Poole, Brooke; Joosten, Sandy; Bates, Andrew; Gallo, Jenny; Perry, Jamila; McKoy Moore, Larniece; Whetstine, Jack; Dambly, Jan; Bettis, Ashley; McCrary, Cheryl; Cullison, David; Somerville, Glenda; Horn, James; Baker, Pamela; Walker, Tracy; Rule, David; Zilka, Kathleen; McGill, Clinton; Clarkson, Sharon; Holt, BJ; Sotiropoulos, Dina; Bayliff, Shirley; Hays, Myra; Nute-Blackshear, Lora; Krupnick, David; Gardin, Kathy; Abraham, Susan; Le, Hong; Newell, Karenina; Givvines, Mary; Arrighi, Russell; Ferrell, Kimberly; Rheaume, Cynthia; Lockhart, Michelle; Gulla, Gerald; Nibert, Patty; Campbell, Andy; Krupnick, David; Boyd, Lena; Lockhart, Michelle; Spencer, Ruth; Stout, Kathleen; Kirkwood, Sara; Moulding, Patrick; Shnayder, Yana; Tenaglia, Mickey; Zobler, Marian; Butler, Rodney
Cc: NRO Division Directors; NRO Deputy Division Directors; NRO_TA; Lin, Chien-Ting; Flanders, Rhea; Gusack, Barbara
Subject: RE: FY 2013 New Reactors Business Line Budget Meeting Material
Date: Tuesday, March 15, 2011 2:25:43 PM

New Reactors Business Line Offices, as I stated in today's New Reactors Business Line budget meeting, the attachment (New Rx BL -3-15-11) that was sent out at this morning, budget detail table FY 2013 column is not adding the resources correctly. Please disregard the attachment. We will be sending a revised budget detail report shortly.

Jerome

From: Murphy, Jerome
Sent: Tuesday, March 15, 2011 9:52 AM
To: Zimmerman, Roy; Campbell, Andy; McCrary, Cheryl; Krupnick, David; Leeds, Eric; Boger, Bruce; Grobe, Jack; Cohen, Miriam; Tracy, Glenn; Sheron, Brian; Uhle, Jennifer; Burns, Stephen; Hawken, Roy; Hackett, Edwin; Dean, Bill; Lew, David; McCree, Victor; Wert, Leonard; Casto, Chuck; Satorius, Mark; Pederson, Cynthia; Collins, Elmo; Howell, Arthur; Boyce, Thomas (OIS); Schaeffer, James; Greene, Kathryn; Stewart, Sharon; Wiggins, Jim; Mitchell, Reggie; Doane, Margaret; Mamish, Nader; Valentin, Andrea; Grancorvitz, Teresa; Ma, May; Harvey, Sue; McDevitt, Joan; Tenaglia, Mickey; Powell, Amy; Brenner, Eliot; Poole, Brooke; Joosten, Sandy; Bates, Andrew; Gallo, Jenny; Perry, Jamila; McKoy Moore, Larniece; Whetstine, Jack; Dambly, Jan; Bettis, Ashley; McCrary, Cheryl; Cullison, David; Somerville, Glenda; Horn, James; Baker, Pamela; Walker, Tracy; Rule, David; Zilka, Kathleen; McGill, Clinton; Clarkson, Sharon; Holt, BJ; Sotiropoulos, Dina; Bayliff, Shirley; Hays, Myra; Nute-Blackshear, Lora; Krupnick, David; Gardin, Kathy; Abraham, Susan; Le, Hong; Newell, Karenina; Givvines, Mary; Arrighi, Russell; Ferrell, Kimberly; Rheaume, Cynthia; Lockhart, Michelle; Gulla, Gerald; Nibert, Patty; Campbell, Andy; Krupnick, David; Boyd, Lena; Lockhart, Michelle; Spencer, Ruth; Stout, Kathleen
Cc: NRO_Division_Directors; NRO_Deputy_Division_Directors; NRO_TA; Lin, Chien-Ting; Flanders, Rhea; Gusack, Barbara
Subject: FY 2013 New Reactors Business Line Budget Meeting Material

New Reactors Business Line Offices, attached are the material for today's budget meeting starting at 10:30am eastern time. Also, below is the dial in number if you did not receive it from Ms. Shannon King. Look forward to our meeting.

Country Toll Numbers Freephone/Toll Free Number

USA 888-677-3792

PASSCODE FOR PARTICIPANTS AND LEADER: (b)(6)

AE/34

Very Respectfully,

Jerome Murphy

FPMB Branch Chief

NRO/PMDA

Jerome.Murphy@nrc.gov

(301) 415-2288

From: Dennig, Robert
To: Bettle, Jerome; Karipineni, Nageswara; Lee, Brian; Lobel, Richard; Raval, Janak; Salliman, Ahsan; Torres, Roberto; Walker, Harold
Cc: Ruland, William; Bahadur, Sher; Balarabe, Sarah; Weaver, Tonna
Subject: Rich Lobel will cover SCVB this afternoon while I keep a (b)(6)
Date: Tuesday, March 15, 2011 3:27:27 PM

AE/ 35

From: Brach, Bill
To: Camper, Larry
Cc: Case, Michael; Lewis, Robert; Weaver, Doug; Abu-Elid, Bobv; Cook, John; Cool, Donald; Holahan, Vincent; Rini, Brett; Sampson, Michele; Schwartzman, Jennifer; Williams, Shawn; Smith, Shawn
Subject: RE: Addressing IAEA Standards
Date: Tuesday, March 15, 2011 4:16:37 PM
Attachments: image001.png

Larry,

In preparation for next week's meeting with Marty et al, do you have any additional recommendations for how NRC might consider "if, when, and how" national stakeholder input should be solicited on draft IAEA Safety Standards? I suspect Marty will be looking

(b)(5)

Your thoughts/suggestions?

I am also copying Mike Case, Rob Lewis, Doug Weaver and Safety Standards Committee technical support staff for thoughts/suggestions to consider before the meeting next Tuesday.

Bill

From: Camper, Larry
Sent: Thursday, November 18, 2010 6:25 PM
To: Virgilio, Martin
Cc: Williams, Shawn; Case, Michael; Lewis, Robert; Brach, Bill
Subject: Addressing IAEA Standards

Marty,

(b)(5)

(b)(5)

I would offer some

thoughts on how we might proceed:

(b)(5)

AE/36

(b)(5)

course there are many other details to consider but you I think you will understand the general approach I am suggesting. I welcome any feedback from yourself and the SC reps.

Thanks for listening!

LARRY W. CAMPER

Director, Division of Waste Management
& Environmental Protection

(W) 301-415-7437

(F) 301-415-5369

(M) (b)(6)

larry.camper@nrc.gov



Owen, Lucy

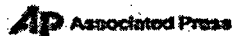
From: Blood, Michael [mblood@ap.org]
Sent: Tuesday, March 15, 2011 4:50 PM
To: Collins, Elmo
Subject: Diablo Canyon, San Onofre questions from AP
Attachments: image001.jpg

Elmo Collins,

I'm a reporter with AP. I'm working on a story about the new faults around Diablo and San Onofre and the potential threat to plant safety, and I have some questions I'd like to ask you.

Can you give me a call, or would you prefer to use e-mail?

Thanks.



Michael R. Blood
Political Writer, Los Angeles
(213) 346-3116, office
(b)(6), cell

<http://twitter/michaelrbloodap>

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[IP_US_DISC]msk dccc60c6d2c3a6438f0cf467d9a4938

From: Glitter, Joseph
To: Campbell, Stephen
Cc: Howe, Allen; Boger, Bruce; Leeds, Eric
Subject: RE: NRR BLN 1 input into NRO Monthly Commission Report
Date: Tuesday, March 15, 2011 5:07:51 PM

Looks O.K. to me.

From: Campbell, Stephen
Sent: Tuesday, March 15, 2011 3:23 PM
To: Glitter, Joseph
Cc: Howe, Allen; Boger, Bruce; Leeds, Eric
Subject: NRR BLN 1 input into NRO Monthly Commission Report
Importance: High

Joe:

The Watts Bar Special Projects Team reviewed and approved this. I need to get it to NRO by COB on March 17. Please review and comment as necessary.

Stephen J. Campbell,
Branch Chief
NRR/DORL/LP-WB
U.S. Nuclear Regulatory Commission
Office - O8H1
Mail Stop - O8H4A
Washington, DC 20555

E-mail: stephen.campbell@nrc.gov | Office: (301) 415-3353 | NRC Cell: (b)(6) | Fax: (301) 415-1885



AE/38

From: Leeds, Eric
To: McCree, Victor
Cc: Grobe, Jack; Boger, Bruce; Virgilio, Martin; Sanfilippo, Nathan; Croteau, Rick; Rich, Daniel; Wert, Leonard
Subject: RE: CR3 News Release
Date: Tuesday, March 15, 2011 5:20:56 PM
Attachments: image001.png

Thanks, Vic. Too bad.

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: McCree, Victor
Sent: Tuesday, March 15, 2011 4:10 PM
To: Leeds, Eric
Cc: Grobe, Jack; Boger, Bruce; Virgilio, Martin; Sanfilippo, Nathan; Croteau, Rick; Rich, Daniel; Wert, Leonard
Subject: FW: CR3 News Release

Eric,

See attached. As we discussed, based on this information and Progress Energy's announcement, we will cancel the public restart meeting scheduled for March 22.

Vic

From: Hannah, Roger
Sent: Tuesday, March 15, 2011 3:57 PM
To: McCree, Victor; Wert, Leonard; Rich, Daniel; Croteau, Rick; Jones, William
Cc: Brenner, Eliot; Harrington, Holly; Burnell, Scott; Ledford, Joey; Morrissey, Thomas
Subject: CR3 News Release

Progress Energy plans to issue this release in a few minutes....

Roger Hannah, APR
Senior Public Affairs Officer
Region II -- Atlanta, Ga.
Office - 404-997-4417
Cell - (b)(6)
roger.hannah@nrc.gov



AE/39

From: Coyne, Kevin
To: Kuritzky, Alan
Subject: RE: Schedule
Date: Tuesday, March 15, 2011 7:20:00 PM

Hmmm... should have replied earlier I guess. No, I don't think it will be necessary to appoint an actor this afternoon ☺

From: Kuritzky, Alan
Sent: Monday, March 14, 2011 9:20 AM
To: Coyne, Kevin
Subject: Schedule

Kevin,

I have a (b)(6) appointment tomorrow afternoon and need to leave at 3 pm. Do I need to appoint someone to act for the remainder of the afternoon?

Alan

AE/40

From: Balarabe, Sarah
To: Casto, Greg; Dennig, Robert; Bailey, Stewart
Cc: Ruland, William; Bahadur, Sher; Weaver, Tonna
Subject: Tonna (b)(6) will be out of the office today. Thanks!
Date: Wednesday, March 16, 2011 9:11:41 AM

Sarah Balarabe

Division Administrative Assistant

Division of Safety Systems

Office of Nuclear Reactor Regulation

☎ Work: 301-415-3283

✉ E-mail: sarah.balarabe@nrc.gov

AE/41

From: Clifford, Paul
To: Ruland, William
Cc: Balarabe, Sarah
Subject: Out (b)(6)
Date: Wednesday, March 16, 2011 7:42:50 AM

Feeling ill.

I plan on participating on the St. Lucie meeting via telephone.

AE/42

From: (b)(6)
Subject: Querida En El Señor
Date: Wednesday, March 16, 2011 8:52:59 AM

Querida En El Señor

Tengo una misión humanitaria para usted - esto sin embargo no es obligatorio ni yo de ninguna manera obligan a cumplir en contra de su voluntad, pero me vi obligado a dirigirme a usted en un terreno humanitario.

Estoy Mrs.Magdaline Wilson de Australia central, que reside en Costa de Marfil, pero han sido diagnosticados con cáncer de esófago y ahora estoy 64yrs sigue luchando con el cáncer que ha contaminado todas las formas de tratamiento médico y ahora tengo muy poco tiempo para vivir.

Estoy muy rico, pero nunca fue generoso, así que he decidido dar limosna a los organismos de caridad, las personas menos privilegiadas, orfanatos, las viudas y más especialmente a los que se ven devastadas por las inundaciones y terremoto, pero no puedo hacerlo yo mismo ya causa de mi salud . Me han dado la mayoría de mis bienes a los miembros de mi familia inmediata y hace poco le pregunté a los miembros de mi familia para dar un poco de dinero a las organizaciones de caridad y se negaron y quedó con el dinero por sí mismos días a contar para que me muera para poder heredar mi duramente ganado dinero.

Pero tengo un depósito en efectivo enormes de dinero en un banco financiero en Costa de Marfil, TRES MILLONES SETECIENTOS MIL DÓLARES EE.UU. (\$ 3.7Million EE.UU.) y yo te quiero que me ayude a recoger este dinero a cualquier precio y lo enviará a las organizaciones de caridad, las personas menos favorecidas, los orfanatos y las viudas en su país porque estoy actualmente en el tratamiento del cáncer en Costa de Marfil.

Considere esto y volver a mí tan pronto como sea posible y quiero que siempre me recuerden en sus oraciones diarias a causa de mi cirugía de cáncer a venir aunque yo no le temo a la muerte por lo tanto sé a dónde voy y cualquier retraso en su respuesta me dará el sitio en sourcing para otra persona para este mismo propósito.

Hasta que escucho de ustedes, mis sueños descansará sobre sus hombros.

Un cordial saludo,
Mrs.Magdaline wilson

AE/43

From: Wood, Jeffery
To: Appignani, Peter
Cc: Covne, Kevin; Gonzalez, Michelle
Subject: FW: Proposed new approach when starting SAPHIRE
Date: Wednesday, March 16, 2011 9:00:03 AM
Attachments: Starting SAPHIRE - Proposed New Approach.pptx

Pete,
Curtis would like to make a change to the "stop lights" that pop up when you open a SPAR model. You can see his proposal attached. Basically, he would like to reduce the warning message stop light and the analysis options stop light down to a single pop-up window. Ted gave me the impression that the INL SPAR team supports this too.

My initial reaction to Curtis was that I didn't like how the warning message seemed to be hidden, but in general reducing to one stop light was a good idea.

I am not really sure what the history is on having those warning messages, but I assume we want to maintain them in some form. Do you have any thoughts on the idea?

Thanks,
Jeff

-----Original Message-----

From: Curtis L Smith [mailto:(b)(6)]
Sent: Monday, March 14, 2011 5:07 PM
To: Wood, Jeffery
Cc: Ted Wood
Subject: Proposed new approach when starting SAPHIRE

Jeff,

In one of our recent phone calls, the topic of starting SAPHIRE was discussed. One issue we face is the number of steps it takes to get into SAPHIRE (to the point of performing an analysis). Another issue is making key reports (such as plant documentation or risk insights) readily available to users.

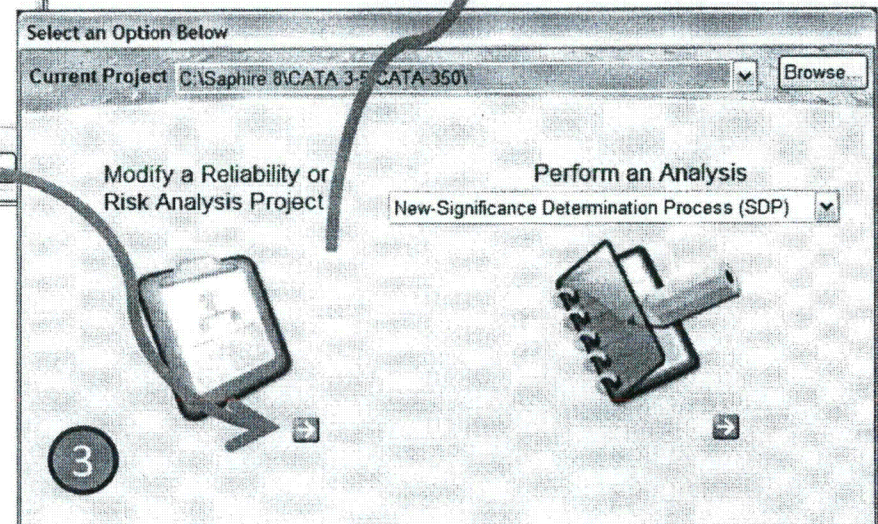
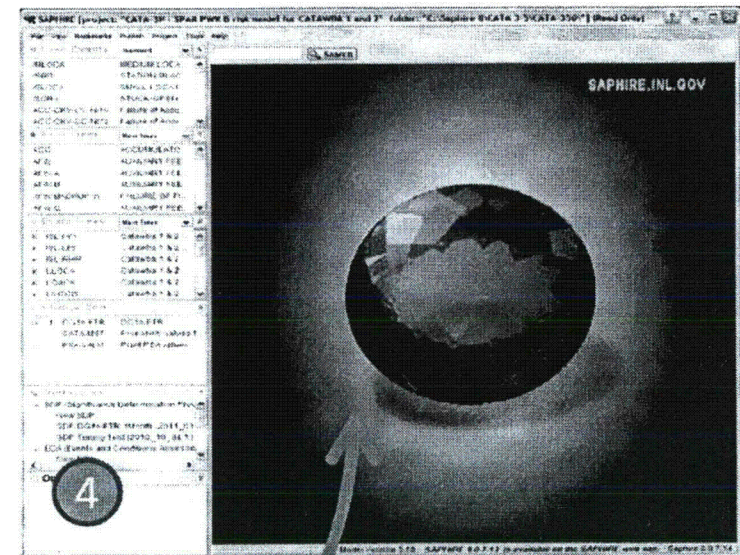
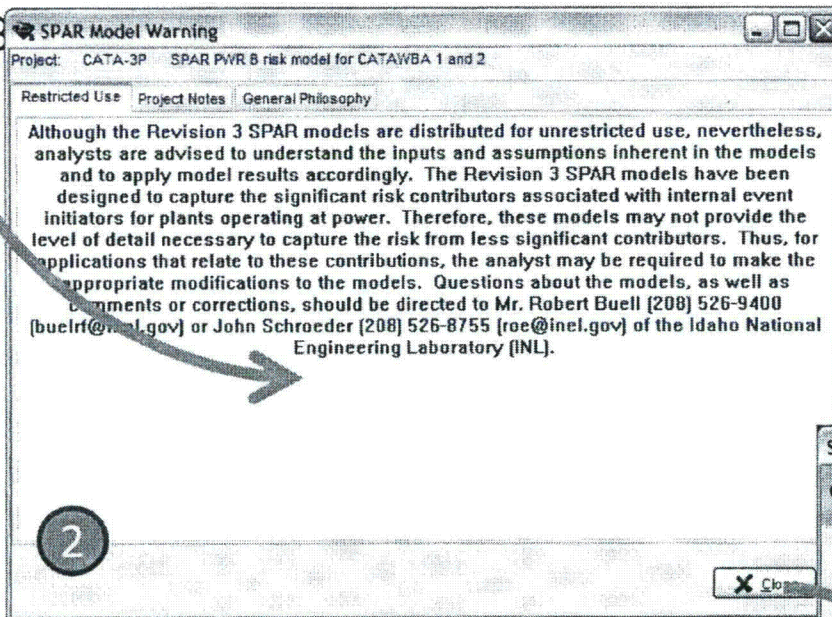
The attachment proposes a modification to the startup steps. We think this one-step approach will be beneficial to both advanced and new users to SAPHIRE.

We would like to get your thoughts.

Curtis

AE/44

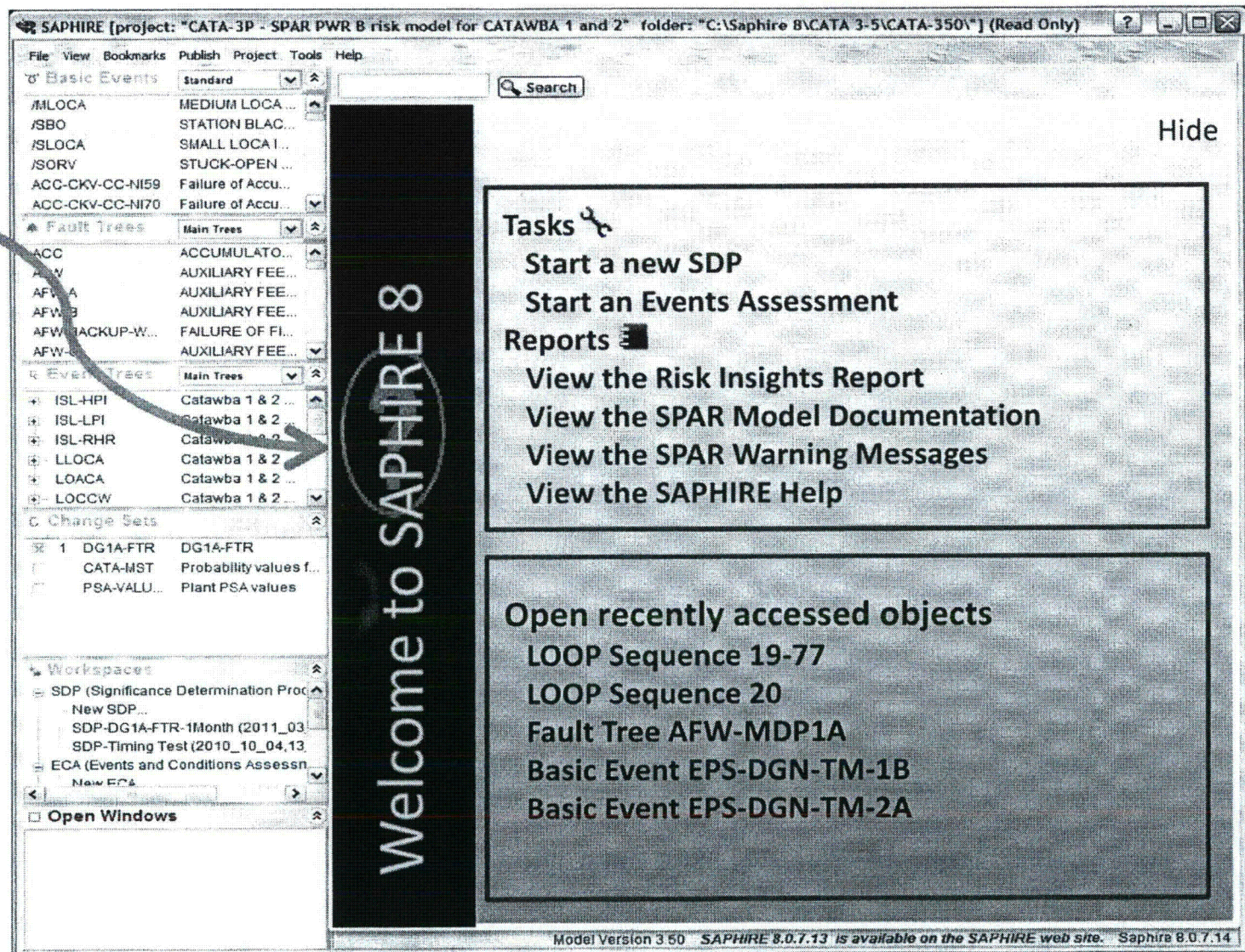
The Current Starting Steps in SAPHIRE



Proposed “One-Step” Approach



Clicking the “hide” option would shrink the “welcome” panel to the left (but could be restored by the user when needed).



From: Cohen, Shari
To: Schwarz, Sherry; Dean, Bill; Lew, David; Roberts, Darrell; Wilson, Peter; McCree, Victor; Wert, Leonard; Casto, Chuck; Croteau, Rick; Munday, Joel; Satorius, Mark; Pederson, Cynthia; West, Steven; Reynolds, Steven; Collins, Elmo; Howell, Art; Kennedy, Kriss; Vogel, Anton
Cc: Leeds, Eric
Subject: 11:00 a.m. (EST) Telcon w/ Regions Re: Japan (phone: 888-469-2155/Passcode:47473)
Date: Wednesday, March 16, 2011 9:56:07 AM

Mr. Eric Leeds has requested a teleconference with the regions. He wants to update you and ask for your support – teleconference information below:

Phone: 888-469-2155

Pass code: (b)(6)

Headquarters:

Eric Leeds

Please forward to appropriate AA and DAAs(actors or delegation of authority):

Region 1: Bill Dean, David Lew, Darrell Roberts, Peter Wilson

Region 2: Victor McCree, Len Wert, Chuck Casto, Richard Croteau, Joel Munday

Region 3: Mark Satorius, Cindy Pederson, Steve West, Steve Reynolds

Region 4: Elmo Collins, Art Howell, Kriss Kennedy, Anton Vogel

Shari Cohen, Contract Secretary
Office of Nuclear Reactor Regulation, USNRC
Room – O-13H18 / Mail Stop - O13H16M
Phone – 301-415-1270
Fax - 301 - 415-8333
Email - shari.cohen@nrc.gov

AE/45

From: [NewsWatch](#)
To: [Vigilio, Martin](#)
Subject: How to Successfully Use Social Media for Hiring and Retention March 17 Webinar
Date: Wednesday, March 16, 2011 10:17:16 AM

How to Successfully Use Social Media for Hiring and Retention

Sponsored by: [The American Payroll Association](#)

Thursday, March 17, 2011

Time: 1:30 pm ET (12:30 am CT, 11:30 am MT, 10:30 am PT)

Length: 90 minutes

[Registration - Session Only: \\$198.00](#)

[Registration - Session Plus CD Recording: \\$289.00](#)

WEBINAR OVERVIEW

For over a decade Marketing and Communications professionals have been using the Internet to attract and retain customers. More recently, social networking tools such as LinkedIn, Twitter and Facebook have been adopted by HR professionals to promote their brand and to seek out hard-to-find skilled candidates. In addition, many organizations have developed proprietary on-line employee communities to enable collaboration and teaming throughout their enterprises.

As Internet capabilities have reshaped how business operates, social media usage is now changing expectations of organizational culture and employee engagement. The next decade will see social media platforms not only grow as vital selection tools, but as a primary means for employees to be more actively engaged with customers, the market and in their jobs. Based on current research, this empowerment should result in greater satisfaction and lower turnover.

Drawing upon her unique expertise in social media, human resources, and marketing and her leadership experiences at IBM, Andrea Goldberg, Ph.D., will provide an overview of the social media landscape and clarify how social media tools can be used in the area of employee selection and retention. She will review social media platforms and share case studies on how enterprises are using these tools. She will explore advantages and articulate risks associated with using these tools and discuss ways organizations can mitigate such risks.

UPCOMING TELECONFERENCES

Paid Time-Off Banks: Can They Save You Time, Money, and Headaches?
Mar. 17, 2011

[Registration: \\$219.00](#)
[Registration - Session plus CD Recording: \\$308.00](#)
[Learn More](#)

How to Successfully Use Social Media for Hiring and Retention
Mar. 17, 2011

[Registration - Session Only: \\$198.00](#)
[Registration - Session Plus CD Recording: \\$289.00](#)
[Learn More](#)

Workers' Compensation: Return to Work Issues
Mar. 17, 2011

[Registration - Session Only: \\$209.00](#)
[Registration - Session Plus CD Recording: \\$278.00](#)
[Learn More](#)

Using Travel Policy to Control Costs
Mar. 18, 2011

[Registration - Session Only: \\$209.00](#)
[Registration - Session Plus CD Recording: \\$278.00](#)
[Learn More](#)

How to Handle Travel Pay Legally
Mar. 21, 2011

[Registration - Session Only: \\$199.00](#)
[Registration - Session Plus CD Recording: \\$268.00](#)
[Learn More](#)

Should You Contribute Non-Cash Assets to Your Company's Defined Benefit Pension Plan? Issues and Answers
Mar. 22, 2011

[Registration - Session Only: \\$198.00](#)
[Registration - Session Plus CD Recording: \\$289.00](#)

AE 146

TOPICS COVERED IN THIS WEBINAR

- Twitter, LinkedIn, Facebook and niche HR and recruiting- focused communities
- On-line employment branding
- Case studies on social media use for employee selection and engagement
- Best practices on HR social media implementation including:
 - Social media guidelines
 - Metrics and analytics
 - Leadership and change management

Attendees will learn how to better target potential employees, attract candidates and unlock the creativity and insights of their employees. They will also learn to avoid the pitfalls that some organizations have experienced because they implemented programs without well-thought-out strategies.

FACULTY

Andrea S. Goldberg, Ph.D., is an organizational psychologist, social media thought leader and founder and President of Digital Culture Consulting. She provides a unique perspective, capitalizing on her consulting experience and her over 25 year career in Human Resources, Market Intelligence and Communications at IBM. She understands that introducing social media does not supplant traditional processes and that implementation requires appreciation of existing HR functions as well as knowledge of the latest social media tools and their benefits. Her goal is to enable her clients to understand these tools and techniques so that they can implement them within their organizations and see measurable results.

Contact Info:

Andrea S Goldberg, Ph.D.
Digital Culture Consulting
37 Gordon Avenue
Bedford, NY 10506
914 234 3917 (office) (b)(6) (cell)
andreagoldberg@digitalcultureconsulting.com
www.digitalcultureconsulting.com

TELECONFERENCE OVERVIEW

- * 90-minute webinar (Travel-Free) delivered over the phone and Internet.
- * Unlimited listeners per connection - bring the entire department.
- * Q&A session with the expert.

This event will be presented live by phone together with a PowerPoint presentation to be viewed on your computer.

[Learn More](#)

FMLA Leave Abuse: How to Stop It

Mar. 23, 2011

[Registration - Session Only: \\$198.00](#)

[Registration - Session Plus](#)

[CD Recording: \\$289.00](#)

[Learn More](#)

Managing Employees Who Can't Work: Understanding and Applying Leave Law in Ohio

Mar. 23, 2011

[Registration - Session Only: \\$199.00](#)

[Registration - Session Plus](#)

[CD Recording: \\$268.00](#)

[Learn More](#)

Responding to an EEO Charge

Mar. 23, 2011

[Registration - Session Only: \\$198.00](#)

[Registration - Session Plus](#)

[CD Recording: \\$289.00](#)

[Learn More](#)

MS Excel 2007 Tips, Tricks and Shortcuts That Save Time and Boost Productivity

Mar. 23, 2011

[Registration: \\$249.00](#)

[Registration - Session plus](#)

[CD Recording: \\$338.00](#)

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Mar. 24, 2011

[Registration: \\$249.00](#)

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Utilizing Mobile and On-Site Medical Clinics to Reduce Health Care Costs

Mar. 24, 2011

[Registration - Session Only: \\$209.00](#)

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I-9 Crackdown- Will Your Company Be Next?

Mar. 29, 2011

[Registration - Session Only: \\$198.00](#)

[Registration - Session Plus](#)

[CD Recording: \\$289.00](#)

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Internet access is not required for phone-only participants. The PowerPoint slides will be provided shortly before the event. Once you register, you will receive an email which is your receipt and which includes your instructions for dialing in and logging on. You will also receive an email reminder 24 hours before the webinar.

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Registration - Session Only: \$198.00

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Would you like to be a speaker at one of our webinars or can you suggest any webinar topics that would be of interest to you? Please let us know at info@parkavenuepresentations.com.

SPREAD THE NEWS

Please forward this invitation to colleagues who may benefit from participating.

This message is sent to you by HRNewswatch

Newswatch • 3212 West End Ave. • Suite 500 • Nashville • TN • 37203

This email was sent to: martin.virgilio@nrc.gov by Newswatch.

[Click here to Unsubscribe](#) | [Privacy Policy](#)

Dean, Bill

From: Dean, Bill
Sent: Wednesday, March 16, 2011 10:23 PM
To: Barkley, Richard
Cc: Lew, David
Subject: RE: I'll Have DRM Load This on The Projection System if You are Okay With it

thanks rich.

From: Barkley, Richard
Sent: Wednesday, March 16, 2011 7:00 PM
To: Dean, Bill
Cc: McNamara, Nancy
Subject: RE: I'll Have DRM Load This on The Projection System if You are Okay With it

You did well – I asked Keith Heater if he was able to follow you, and he said he could – That is what we were shooting for.

Watched the ABC news tonight – They mentioned that Governor Andrew Cuomo has called for an immediate review of the seismic adequacy of Indian Point.

I can't find any info of that on the Governor's website – I hope Nancy heard about this and fed it to you. It may be something very hot off the press.

From: Dean, Bill
Sent: Wednesday, March 16, 2011 6:33 PM
To: Barkley, Richard
Subject: RE: I'll Have DRM Load This on The Projection System if You are Okay With it

Thanks for doing this. It helped I think.

Bill

From: Barkley, Richard
Sent: Wednesday, March 16, 2011 1:29 PM
To: Dean, Bill
Subject: I'll Have DRM Load This on The Projection System if You are Okay With it
Importance: High

Richard S. Barkley, PE
Nuclear & Environmental Engineer
(610) 337-5065 Work

(b)(6)

Cell

Rini, Brett

From: Sheron, Brian
Sent: Wednesday, March 16, 2011 10:31 AM
To: Dion, Jeanne
Subject: FW: Don Helton's Contact Information

Put this info on the list.

From: Coyne, Kevin
Sent: Wednesday, March 16, 2011 9:57 AM
To: Case, Michael
Cc: Sheron, Brian; Uhle, Jennifer; Hasselberg, Rick; Brandon, Lou; Kuritzky, Alan; Marksberry, Don; Gibson, Kathy; Tinkler, Charles; Schaperow, Jason
Subject: Don Helton's Contact Information

Mike –

As we discussed this morning, Don Helton has experience in spent fuel analysis and modeling (along with Jason Schaperow and Charlie Tinkler, he is one of three main resources in this area at the NRC). Don is down at the ANS PSA-2011 Conference in Wilmington this week, but can be reached on his cell phone at (b)(6) if any additional support or backup is needed in this area. Don is planning on returning to the DC area on Friday evening.

Kevin

From: Focht, Eric
To: Colon, Heriberto
Cc: Bamford, Lisa; Case, Michael; Csontos, Aladar
Subject: RE: MY PLAN & STRATEGY TO HELP FACILITATE "DMW FRACTURE CONTRACT" AND FUTURE RES PROCUREMENTS WITH THE DIVISION OF CONTRACTS
Date: Wednesday, March 16, 2011 11:10:46 AM
Importance: High

Please DO NOT forward this or the email below. I'll put this in my lessons learned file.

Eric Focht
Materials Engineer
US Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Engineering
Office: (301) 251-7649
Blackberry: (b)(6)

From: Colon, Heriberto
Sent: Wednesday, March 16, 2011 10:39 AM
To: Focht, Eric; Csontos, Aladar; Case, Michael
Cc: Bamford, Lisa; Grancorvitz, Teresa; Valentin, Andrea
Subject: FYI: MY PLAN & STRATEGY TO HELP FACILITATE "DMW FRACTURE CONTRACT" AND FUTURE RES PROCUREMENTS WITH THE DIVISION OF CONTRACTS

Good morning Mike, Al, and Eric,

I visited Alba Sanchez, the Deputy Director of the Division of Contracts, yesterday to discuss your procurement and request her assistance (b)(5)

(b)(5)

Nevertheless, I've made Andrea and Teresa aware of my efforts and they are available to provide any additional support, if needed.

If you have any questions, please don't hesitate to contact me.

Respectfully,

Heriberto (Eddie) Colón, Jr.
U.S. Nuclear Regulatory Commission

AE/49

Office of Nuclear Regulatory Research
PMDA/Financial and Performance Management Branch
Procurement Oversight & Funds Control Team (POFCT)
Acting Team Leader
301-251-3302
Email: Heriberto.Colon@nrc.gov



Save a tree... please don't print this e-mail unless you really need to do so.

From: Focht, Eric
Sent: Wednesday, March 16, 2011 8:37 AM
To: Csontos, Aladar; Bamford, Lisa; Colon, Heriberto
Subject: New draft SOW for DMW fracture contract (RQ-HQ-04-11-060)

All,

(b)(5)

Thanks,
Eric

Eric Focht
Materials Engineer
US Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Engineering
Office: (301) 251-7649
Blackberry (b)(6)

From: Wood, Jeffery
To: Sancaktar, Selim; Marksberry, Don; Hunter, Christopher; Lai, Sandra
Cc: Demoss, Gary; Appignani, Peter; Coyne, Kevin; Gonzalez, Michelle
Subject: FW: Proposed new approach when starting SAPHIRE
Date: Wednesday, March 16, 2011 11:21:04 AM
Attachments: Starting SAPHIRE - Proposed New Approach.pptx

SPAR model users,

The SAPHIRE team is considering redesigning the opening pop-up windows that appear when you open a SPAR model. If you have any input on how the warning message should appear, what links should be included, or how the info should be formatted, then please let me know. The attached slides show a proposal from Curtis Smith.

Thanks,
Jeff

-----Original Message-----

From: Curtis L Smith [mailto:(b)(6)]
Sent: Monday, March 14, 2011 5:07 PM
To: Wood, Jeffery
Cc: Ted Wood
Subject: Proposed new approach when starting SAPHIRE

Jeff,

In one of our recent phone calls, the topic of starting SAPHIRE was discussed. One issue we face is the number of steps it takes to get into SAPHIRE (to the point of performing an analysis). Another issue is making key reports (such as plant documentation or risk insights) readily available to users.

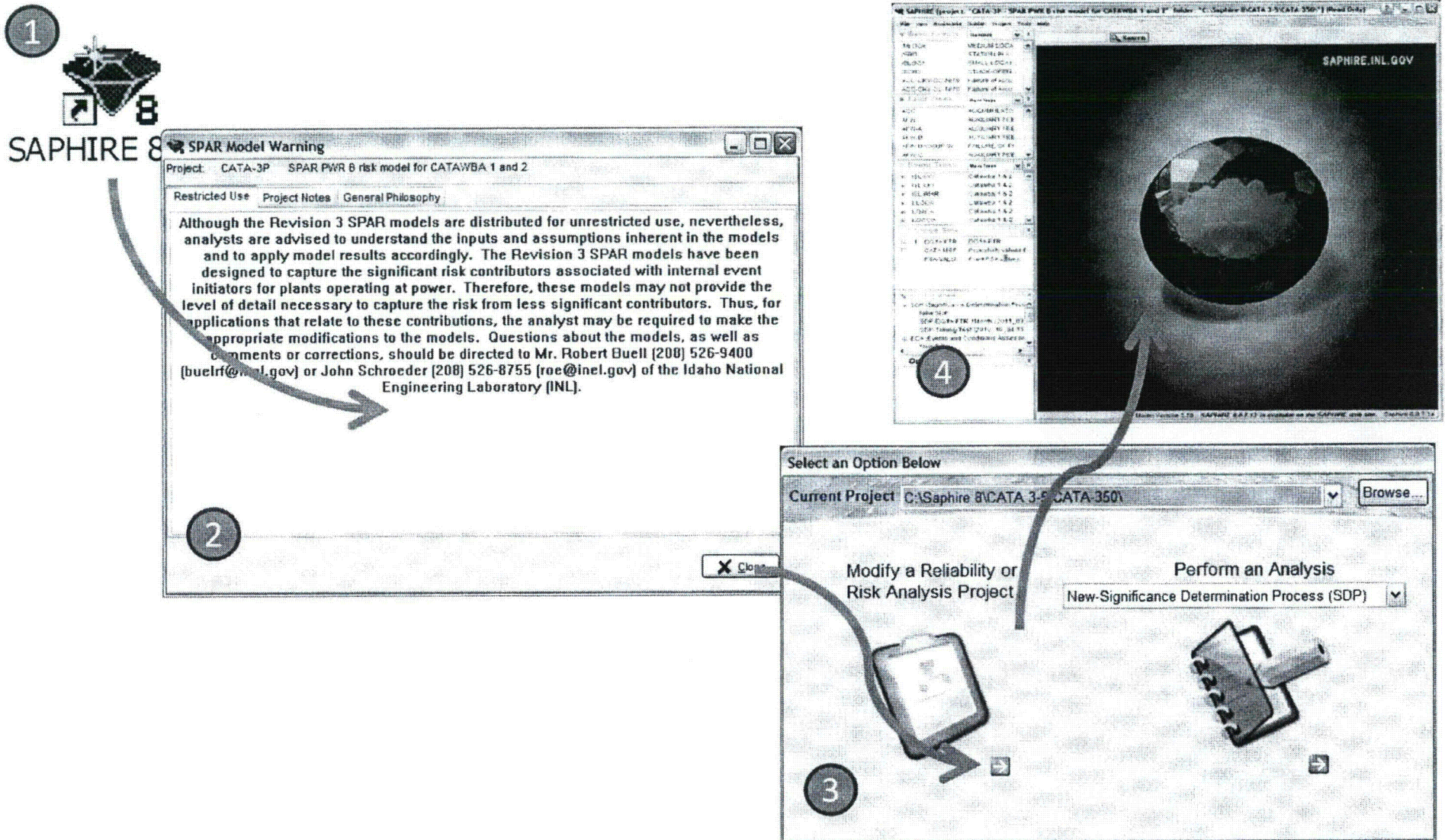
The attachment proposes a modification to the startup steps. We think this one-step approach will be beneficial to both advanced and new users to SAPHIRE.

We would like to get your thoughts.

Curtis

AE/50

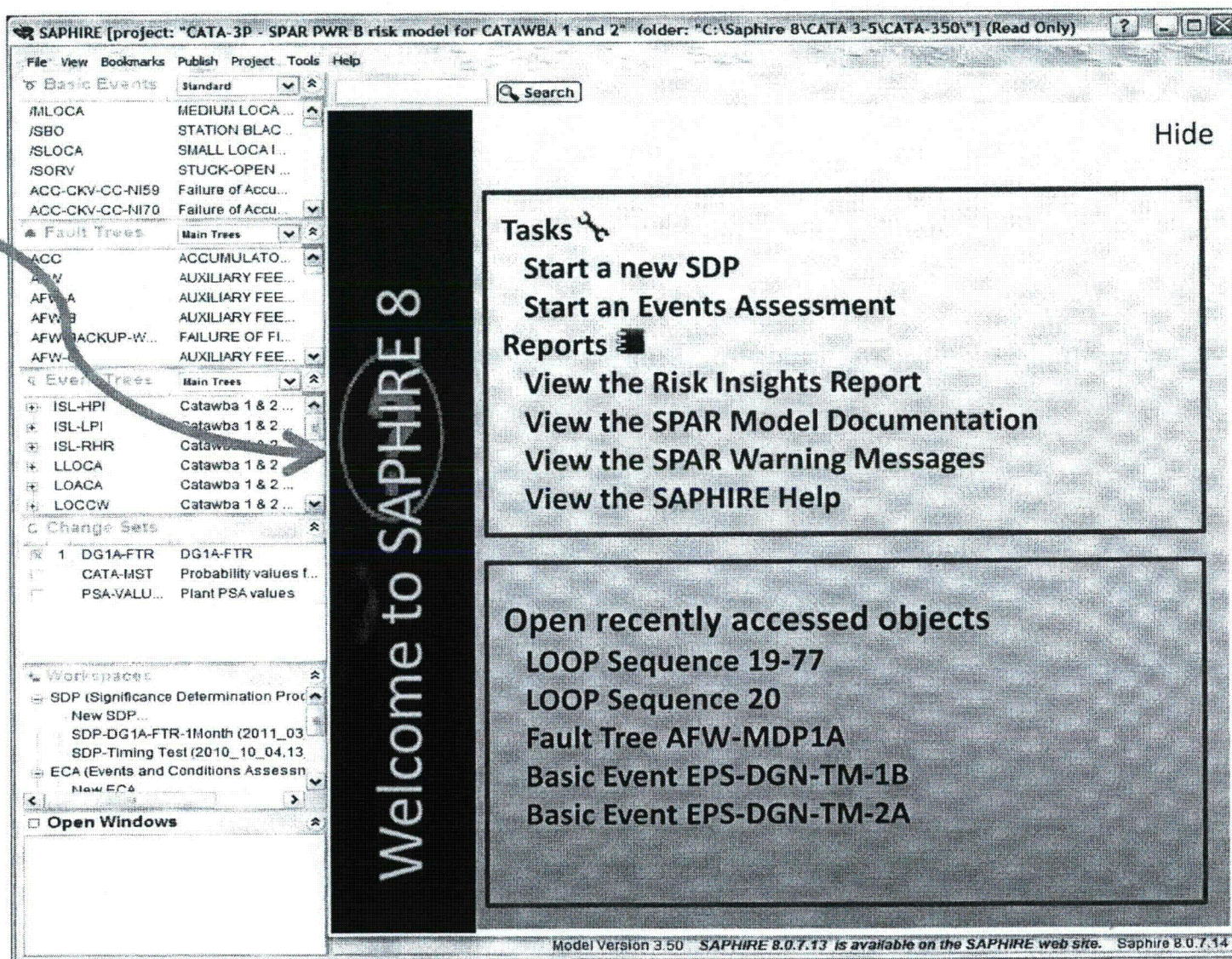
The Current Starting Steps in SAPHIRE



Proposed “One-Step” Approach



Clicking the “hide” option would shrink the “welcome” panel to the left (but could be restored by the user when needed).



From: Tregoning, Robert
To: Case, Michael
Cc: Richards, Stuart
Subject: RES 50 46a Commission Meeting Presentation 3-16-11.pptx
Date: Wednesday, March 16, 2011 11:36:37 AM
Attachments: RES 50 46a Commission Meeting Presentation 3-16-11.pptx
Importance: High

Mike:

I'm sorry to be a pain and keep sending you multiple versions of this slide package but I just got done with yet another conference call with NRR/NRO on the combined presentation package and have subsequently made several revisions (including eliminating a few slides) to my slides. Attached is the proposed final version of my talk. NRR needs to put the final slide package together for the Commission by COB today, so please review and let me know if you have any suggested modifications before finalizing.

I presume that Jennifer will want to review these as well as she reviewed an earlier draft set. I can sit down and go over these with you and her if you'd like this afternoon. Just let me know how you'd like to handle this.

Thanks,
Rob

Robert Tregoning
Technical Advisor for Materials
US Nuclear Regulatory Commission
21 Church Street, M/S CS-5A24
Rockville, MD 20850
ph: 301-251-7662
mobile (b)(6)
fax: 301-251-7425

AE/51

Attachment RES 50 46a Commission Meeting Presentation 3-.pptx (137543 Bytes) cannot be converted to PDF format.

From: info@i360gov.com on behalf of [i360Gov Webinars](#)
To: [Virgilio, Martin](#)
Subject: Study Results: Private Cloud Formation
Date: Wednesday, March 16, 2011 1:42:34 PM

Having trouble viewing this e-mail? [Click here](#) to view as a web page.
To ensure our emails reach your inbox, add info@i360gov.com to your address book or Safe Sender List.



Private Clouds: The Results Are In.

Greetings,

The results and analysis of i360Gov's research study regarding private cloud initiatives in government agencies will be presented in a complimentary webinar on **Tuesday, Mar. 22, 2011 at 2 PM Eastern.**

Please join our subject-matter-experts **Lee Badger (NIST)** and **Doug Bourgeois (formerly with U.S. Dept of Interior and the U.S. Patent and Trademark Office)**, as we present and discuss the results of this study, and explore the benefits of a private cloud versus a public cloud.

[Click here](#) to register for this complimentary webinar.

All webinar registrants will receive a copy of i360Gov's special report detailing the results of this study.

Should you have any questions, please call me directly at 919-577-0898.

Thank you for your time.

Warm regards,

Jon Morton

Jon Morton
President
i360Gov, Inc.
919-577-0898 (office)
(b)(6) (mobile)
919-577-0897 (fax)
(b)(6) (skype)
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AE/52

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From: Schroer, Suzanne on behalf of SBCRCALNDAR Resource
To: Alter, Peter; Arildsen, Jesse; Bellamy, Ronald; Berean, Donna; Brown, Carey; Carlson, Donald; Case, Michael; Cherubini, John; Dube, Donald; Francis, Karin; Keefe, Molly; Laska, Gerard; Lombard, Mark; Longmire, Pamela; Mitra, Sindhira; Moorin, Laurette; Reville, Carole; Salomon, Arthur; Schroer, Suzanne; Stearns, Don; Zilka, Kathleen; Cooper, Kiona; NTEU, Dale Yeilding; Barnes, Anthony; Washington, Dorothea; Bailey, Kenneth
Cc: Makor, Shiatin; Christoffer-Baruch, Gail; Ambrosini, Josephine; Lighty, Tonya; Martin, Jody; Jervy, Richard; Betancourt, Luis; Cruz, Zahira; Ciani, Sandra; Boyer, Rachel; Wong, Emma; Lian, Jocelyn; Zimmerman, Jacob; Mullins, Alicia; Ford, Tanya; Jessie, Janelle; Cruz, Luis; Diaz, Marilyn
Subject: FW: Diversity Management Advisory Committee Meeting
Attachments: 3-16-11- Agenda.doc

When: Wednesday, March 16, 2011 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-3B6

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

Hello all!

Can anyone go to this? I have to go out on an inspection, and Peter is, as you know, working in the Ops Center. If not, no problem, but it would be wonderful if someone could go.

Thanks!
Suzanne

-----Original Appointment-----

From: SBCRCALNDAR Resource
Sent: Tuesday, January 18, 2011 2:32 PM
To: Cooper, Kiona; NTEU, Dale Yeilding; Barnes, Anthony; Washington, Dorothea; Bailey, Kenneth; SBCRCALNDAR Resource
Cc: Makor, Shiatin; Christoffer-Baruch, Gail; Ambrosini, Josephine; Lighty, Tonya; Martin, Jody; Jervy, Richard; Betancourt, Luis; Cruz, Zahira; Ciani, Sandra; Boyer, Rachel; Alter, Peter; Schroer, Suzanne; Wong, Emma; Lian, Jocelyn; Zimmerman, Jacob; Mullins, Alicia; Ford, Tanya; Jessie, Janelle; Cruz, Luis; Diaz, Marilyn
Subject: Diversity Management Advisory Committee Meeting
When: Wednesday, March 16, 2011 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-3B6

When: Wednesday, March 16, 2011 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-3B6

Note: The GMT offset above does not reflect daylight saving time adjustments.

~~*~*~*~*~*~*~*

AGENDA - TBD

Bridge Line: 888-455-0421

Passcode: (b)(6)

AE/53

Diversity Management Advisory Committee (DMAC)

MEETING AGENDA

March 16, 2011

2:00 p.m. – O3B06

Bridge Line: 888-455-0421 Passcode:

(b)(6)

- **Greetings/Introduction of attendees**
- **EEOAC Assessment Sheets – 2nd qtr. due on April 8, 2011**
- **Special Emphasis Program Coordination – Observance Events**
- **SBCR Reminders – Save the dates**
 - **Save the dates**
 - **Committee Members – Update rosters and new members must submit an EEO interest form**
- **Committees/Regional - Announcements/Comments**
 - a. **ACAA – February 17, 2011 – Black History Month Event**
 - b. **FWPAC – March 16, 2011 – Women's History Month Program**
- **NTEU Comments**

Dean, Bill

From: Royal, Judith
Sent: Wednesday, March 16, 2011 6:23 PM
To: All R1 Users
Subject: Event: Federal Long Term Care Insurance Program Workshops
Attachments: FLTCIP Phila April 2011.docx

The Federal Long Term Care Insurance Program (FLTCIP) open season will run from April 4, 2011 through June 24, 2011. The FLTCIP provides long term care insurance for federal employees, annuitants, and their qualified relatives. The March issue of The Human Touch found at <http://www.internal.nrc.gov/HR/human-touch/current.pdf> provides additional information about the Federal Long Term Care Program.

Region I is hosting an educational seminar on the Federal Long Term Care Insurance Program (FLTCIP) Open Season on Wednesday, April 6, 2011, from 10:00 am to 11:00 am in the Main Conference Room. Employees interested in learning more about this insurance plan are encouraged to attend or participate via Go-To-Meeting (GTM). GTM information will be sent in a separate email.

Additional seminars in Philadelphia are available for those unable to attend the April 6th session. Please see below for more information.

Subject: Federal Long Term Care Insurance Program Workshops

To all,

Open Season for the Federal Long Term Care Insurance Program (FLTCIP) is coming! Between April 4 and June 24, employees will have an opportunity to sign up for this important benefit. To help understand the program and what coverage is right for you, the FEB is sponsoring three workshops for employees interested in this program.

Workshop dates are:

Monday, April 4, 2 PM, Federal Building, 600 Arch Street, Room 2/B.

To register for this session, click on this link, or copy and paste into your browser: http://www1.mysignup.com/cgi-bin/view.cgi?datafile=fltcip_april_4_2_pm

Thursday, April 7, 9 AM, Federal Building, 600 Arch Street, Room 2/C.

To register for this session, click on this link, or copy and paste into your browser: http://www1.mysignup.com/cgi-bin/view.cgi?datafile=fltcip_april_7_9_am

Thursday, April 7, 11 AM, Federal Building, 600 Arch Street, Room 2/C.

To register for this session, click on this link, or copy and paste into your browser: http://www1.mysignup.com/cgi-bin/view.cgi?datafile=fltcip_april_7_11_am

Please note: These workshops are for employees who are NOT currently enrolled in this program.

There is no fee for these workshops. Each session will last about an hour.

For more information, please see the attached flyer. Thanks!

Owen, Lucy

From: Caniano, Roy
Sent: Wednesday, March 16, 2011 5:46 PM
To: Owen, Lucy; Kennedy, Kriss; Vogel, Anton
Cc: Collins, Elmo; Howell, Art
Subject: Re: Are you available to act as RA March 31st and April 1st?

Hi. I will be on leave as well

From: Owen, Lucy
To: Kennedy, Kriss; Caniano, Roy; Vogel, Anton
Cc: Collins, Elmo; Howell, Art
Sent: Wed Mar 16 18:37:47 2011
Subject: Are you available to act as RA March 31st and April 1st?

Elmo will be traveling to Callaway for operator license evening presentation; returning to the area Friday April 1st.

Art will be on (b)(6) leave 3/30 through 4/1.

Thank you!

PS: Please reply to All

From: Gavrilas, Mirela
To: Gibson, Kathy; Case, Michael
Subject: FW: Filtering in Fukushima
Date: Thursday, March 17, 2011 2:03:47 PM

I wish I would know what data the Germans collected used to suggest the 2mm particle size, but the recommendation is sound.

M.

From: Farmer, Mitchell T. [mailto:farmer@anl.gov]
Sent: Thursday, March 17, 2011 1:54 PM
To: Peters, Mark T.; Khalil, Hussein S.
Cc: (b)(6); Sattelberger, Alfred P.; Grandy, Christopher; Basu, Sudhamay; Lee, Richard; Tinkler, Charles; Gavrilas, Mirela; 'sehgal@safety.sci.kth.se'
Subject: FW: Filtering in Fukushima

Hi Mark and Hussein,

See the suggestion below from Hans Alsmeyer who is a German colleague from KfK/FZK who has many years of experience in severe accident analysis and testing. Could you please pass on to DOE for consideration.

Hans, we all share your deep concern about the situation in Japan and we are trying to do all we can to help.

Mitch

From: (b)(6) [mailto:(b)(6)]
Sent: Thursday, March 17, 2011 11:58 AM
To: Farmer, Mitchell T.; Bal Raj Sehgal
Cc: Lomperski, Stephen W.; Tromm, Walter; Alex Miassoedow
Subject: Filtering in Fukushima

Dear Mitch and Ray,

after some discussions with my German friends I propose a possible action to reduce long term aerosol release from the Fukushima reactors by a simple filter:

Cover the critical zones with coarse sand. Particle size about 2 mm to allow water and gas permeation. Finer particles are not allowed, as they could block gases or water. Sand may be silica or granite etc (heat resistant,), but no carbonates. This may be applied also in combination with water, in the storage tanks as well as near the inner containment or those areas where steam or aerosols are escaping.

The retention capability is however not high for very fine aerosol particles, but better than the present state, and would be higher when the sand is wet. The sand must be transported through helicopters, long cables must be used for the transfer of the sand bags, to be released close to the surface to be covered.

As at the present time I don't have good contact with Japanese organizations, I think that this suggestion would best be proposed by you to competent Japanese persons, if you don't have objections.

AE/56

I am deeply concerned that all our hypothetical scenarios are occurring.

Best regards,

Hans

Hans Alsmeyer

(b)(6)

From: Coyne, Kevin
To: Wilson, Peter
Cc: Schmidt, Wayne; Stutzke, Martin; Beasley, Benjamin; Kauffman, John; Cos, Doug; Correia, Richard; McNamara, Nancy; Tift, Doug
Subject: GI-199 Background Information
Date: Thursday, March 17, 2011 1:59:00 PM
Attachments: GI-199 Public Meeting Slides Oct 6 2010 ML102770655.pdf
GI-199 RIC Slides March 8 2011.pdf

Pete –

As we discussed, John Kauffman and Ben Beasley will support the 3:00pm call with New York state this afternoon – they are also trying to see if John Ake (who provided seismology support) is also able to support the call. The GI-199 report and several items are available on the Generic Issues website and can be found at:

<http://www.internal.nrc.gov/RES/projects/GIP/Individual%20GIs/GI-0199.html>

The website doesn't include the presentation slides that were used at the meeting, but I've attached them for convenience (they are available in ADAMS). There was also a much shorter presentation at the RIC – unfortunately, the presentation slides were misfiled on the NRC's RIC website, so I've also attached a scanned version of his slides.

Marty went down to congress this afternoon to help with some briefings (so unfortunately he can't help with the call), but you may be able to catch him for quick questions on his Blackberry (b)(6)

Please let me know if there is anything else you need at this point –

Kevin

*Kevin Coyne, P.E., Ph.D.
Chief, Probabilistic Risk Assessment Branch
Division of Risk Analysis, Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001
(301) 251-7586 (work)
(b)(6) (cell)*

AE/57



United States Nuclear Regulatory Commission

Protecting People and the Environment

GENERIC ISSUE 199:
***Implications of Updated Probabilistic
Seismic Hazard Estimates in Central and
Eastern United States on Existing Plants***

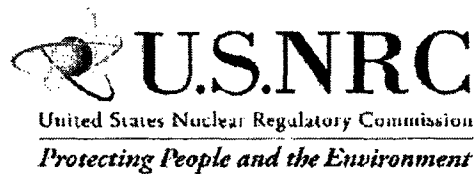
Safety/Risk Assessment

**Public Meeting
October 6, 2010**



Generic Issue 199 Public Meeting Agenda

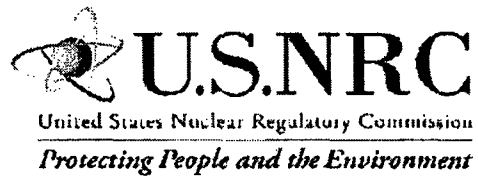
- 9:00-9:10 Introductions (NRC) (B. Sheron, NRC)
- 9:10-9:30 Generic Issues Program and GI-199 Background
 (J. Kauffman, NRC)
- 9:30-10:15 GI-199 Safety/Risk Assessment (J. Ake, M.
 Stutzke, NRC)
- 10:15-10:45 Planned Regulatory Approach (P. Hiland, NRC)
- 10:45-11:15 Industry Remarks
- 11:15-11:45 Public Question and Answers



The Generic Issues Program (GIP)

- Agency-wide program administered by Office of Nuclear Regulatory Research (RES), implemented by Management Directive 6.4
- Value Added
 - Advance understanding of the issue
 - Find the best place for the issue to be worked
 - Develop NRC consensus
 - Engage stakeholders

(<http://www.nrc.gov/about-nrc/regulatory/gen-issues.html>)

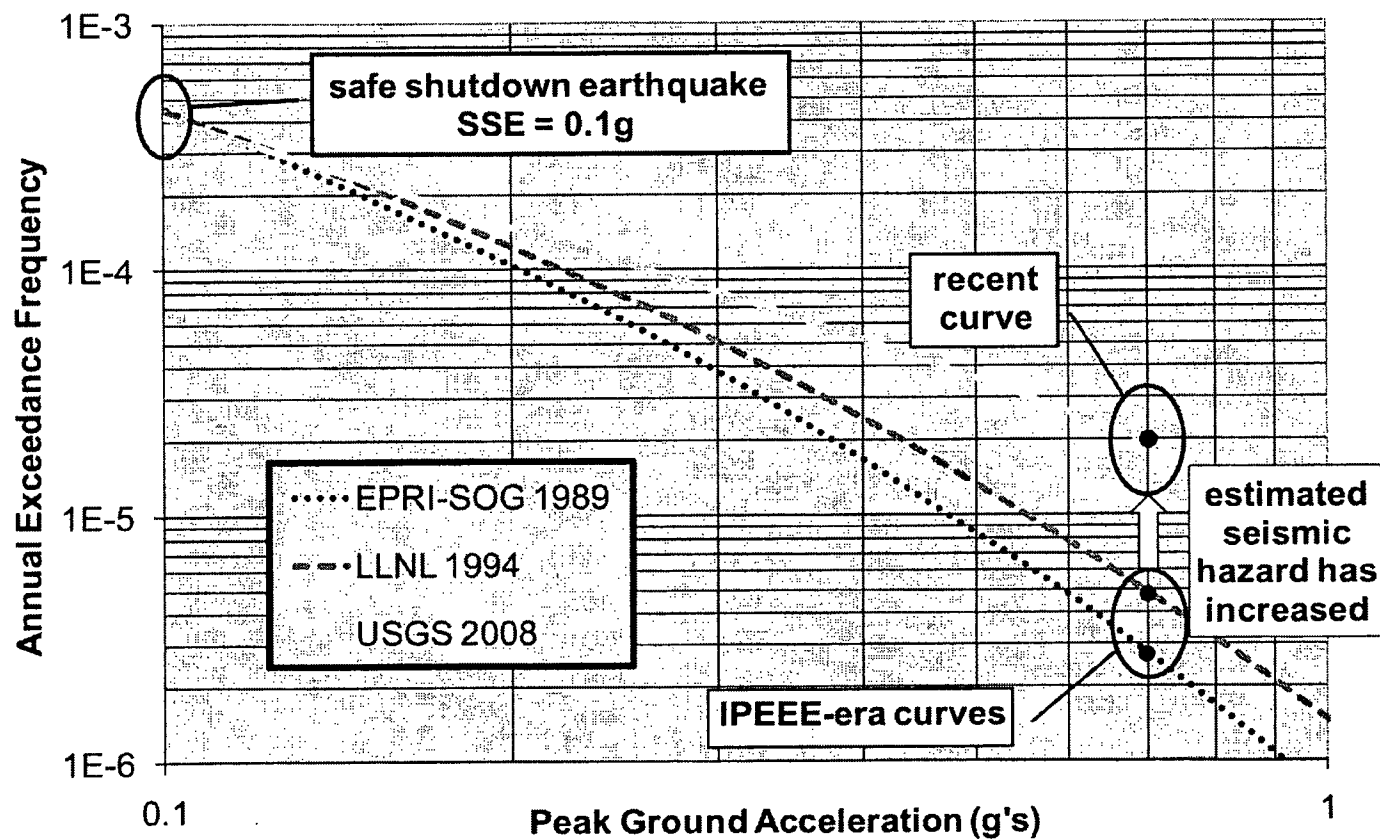


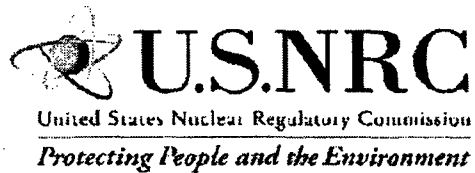
Generic Issues Program Stages

1. Identification
2. Acceptance
3. Screening

- ➡ 4. **Safety/Risk Assessment**
- Issue Analyzed
 - Paneled, Report Issued
 - Recommendations Endorsed
5. Regulatory Assessment

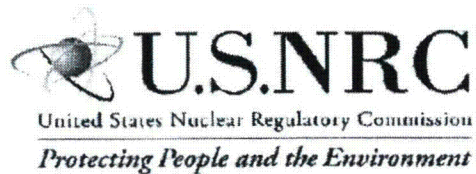
What is GI-199 About?





The GI-199 Safety/Risk Assessment

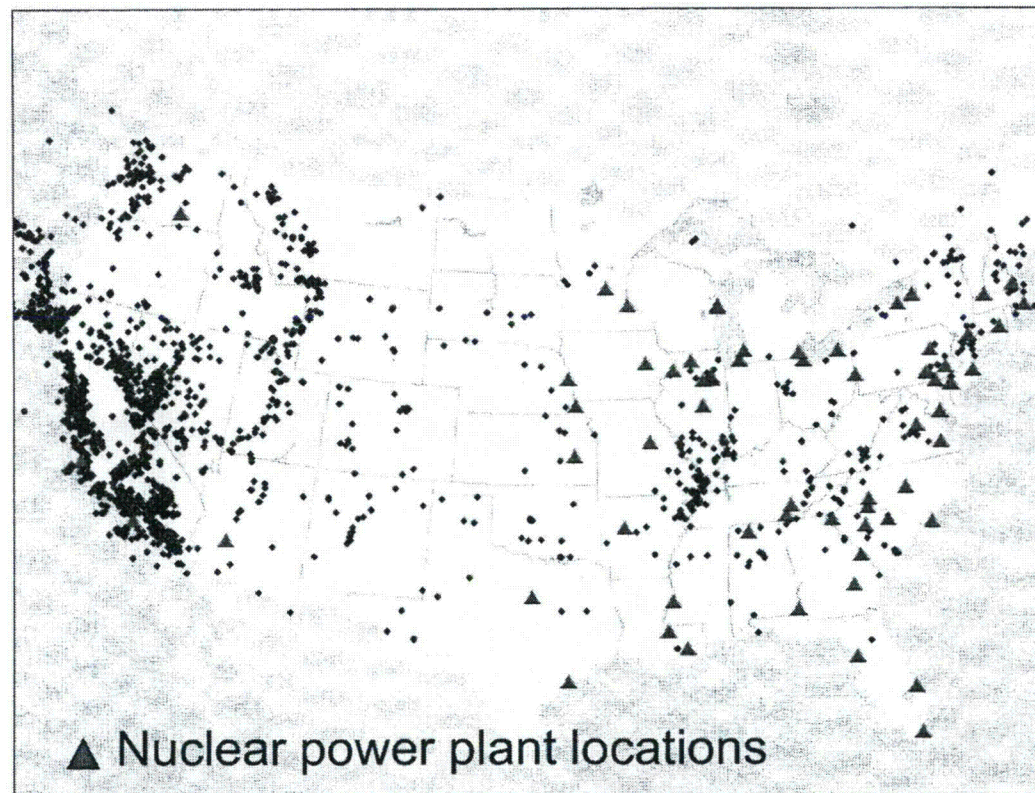
- **Safety/Risk Assessment (S/RA) Stage Goals:**
 - Determine, on a generic basis, if the risk associated with GI-199 warrants further investigation for potential imposition of cost-justified backfits.
 - Provide a recommendation regarding the next step (i.e., continue to the Regulatory Assessment for identification and evaluation of potential generic, cost-justified backfits, be dropped due to low risk, or have other actions taken outside the GIP).

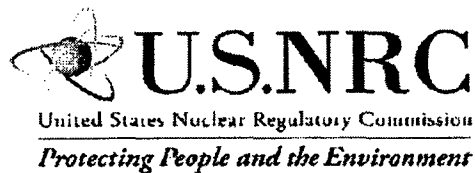


GI-199: Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern United States on Existing Plants

- Felt and Damaging Earthquakes In the U.S.

Source: USGS

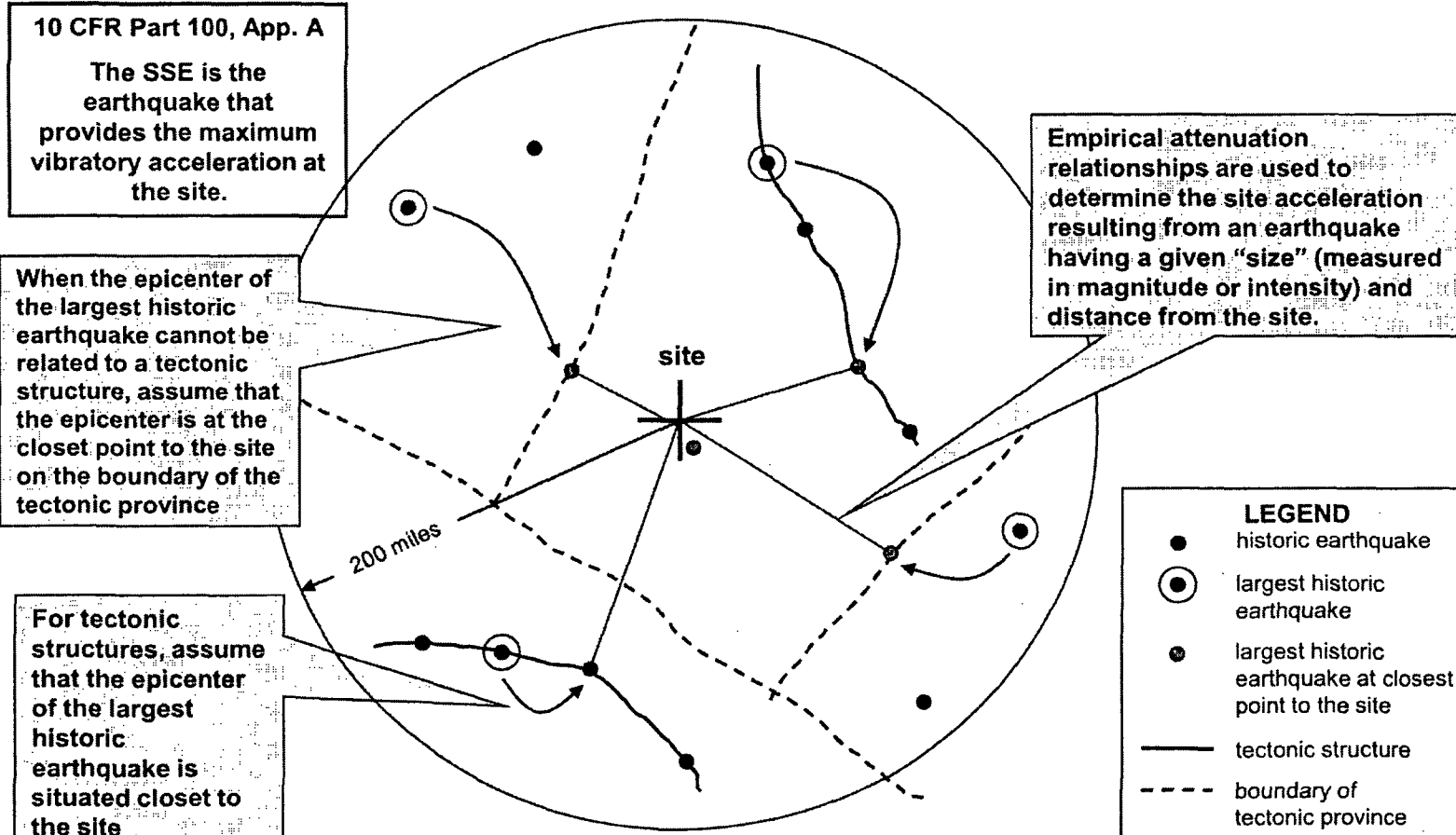




Applicable Regulations (pre-1997)

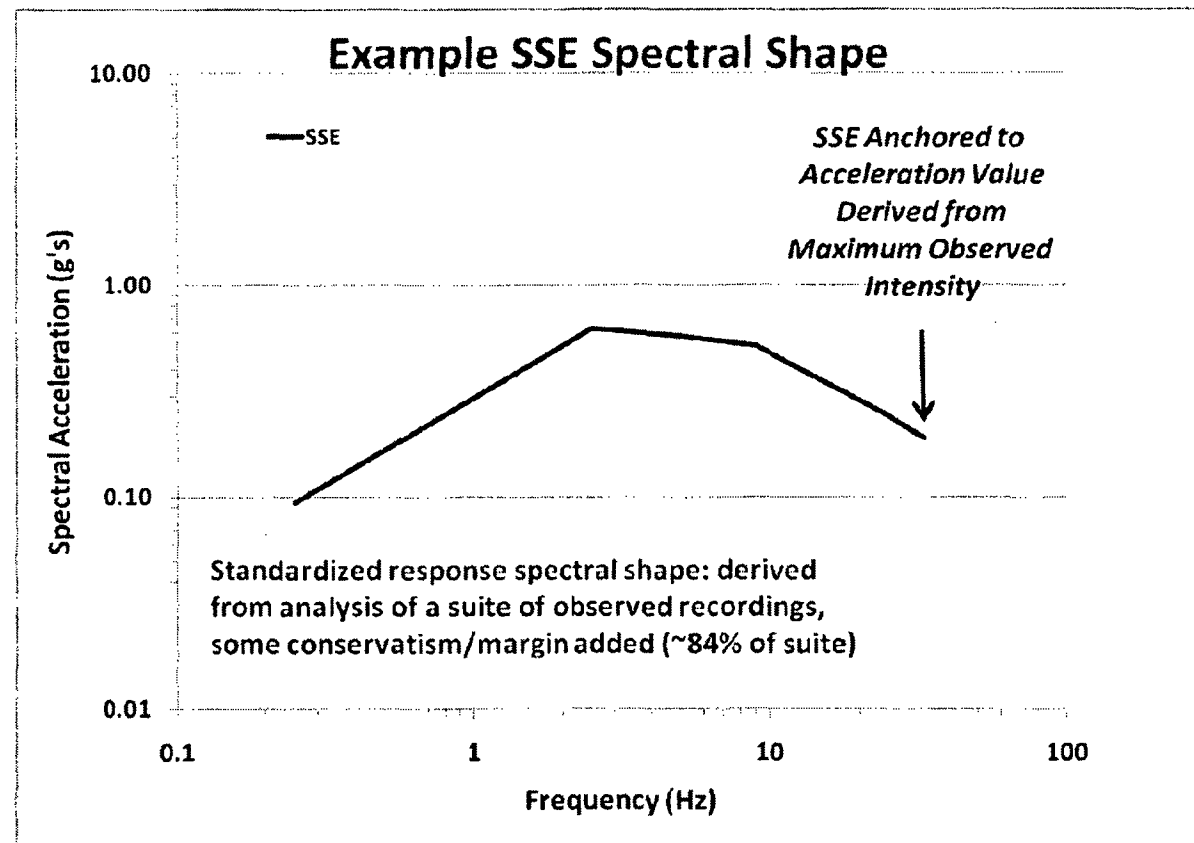
- **10 CFR 100.10(c)(1) and Appendix A establish the seismic design basis for plants licensed before January 10, 1997 (i.e., currently operating plants):**
 - Based on a review of earthquakes that have occurred nearby the site
 - A deterministic approach- no specification of frequency of occurrence
 - Different approach than probabilistic seismic hazard assessment (PSHA)
- 10 CFR Part 50, Appendix A, GDC-2 and similar principle design criteria require that SSCs be designed to withstand the effects of natural phenomena without loss of capability to perform their safety functions:
 - Appropriate consideration of the most severe of the natural phenomena that have been historically reported for the site and surrounding area
 - Include sufficient margin for the limited accuracy, quantity, and period of time in which the historical data have been accumulated
- No requirement for periodic reassessment of the seismic design basis.

Determination of the Safe Shutdown Earthquake (SSE)



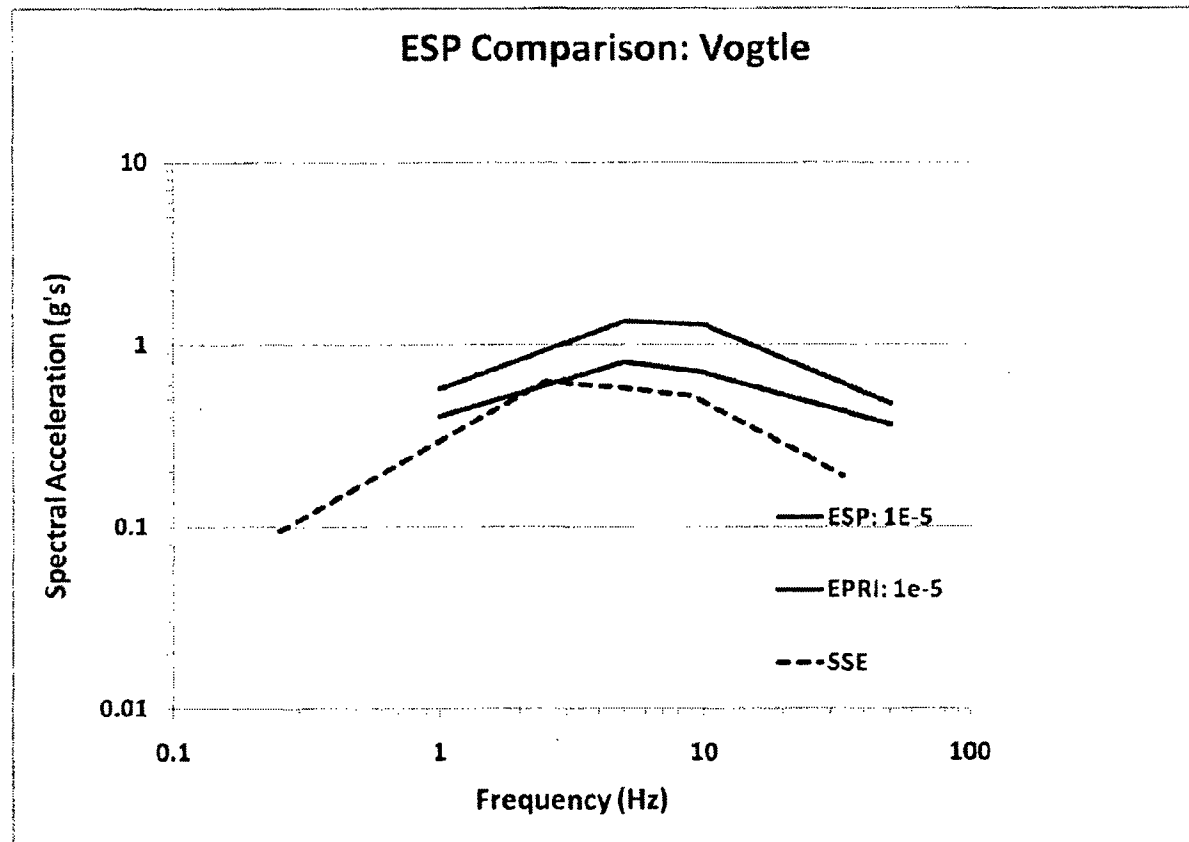
Safe Shutdown Earthquake (Ground motion)

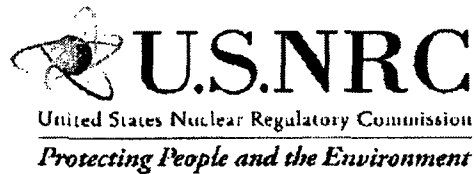
Response Spectrum:
Peak response
of a series of SDOF
oscillators of varying
frequency



Observations From ESP Reviews

Uniform Hazard
Response
Spectrum:
Represents
Constant
Annual
**Frequency/
Probability**

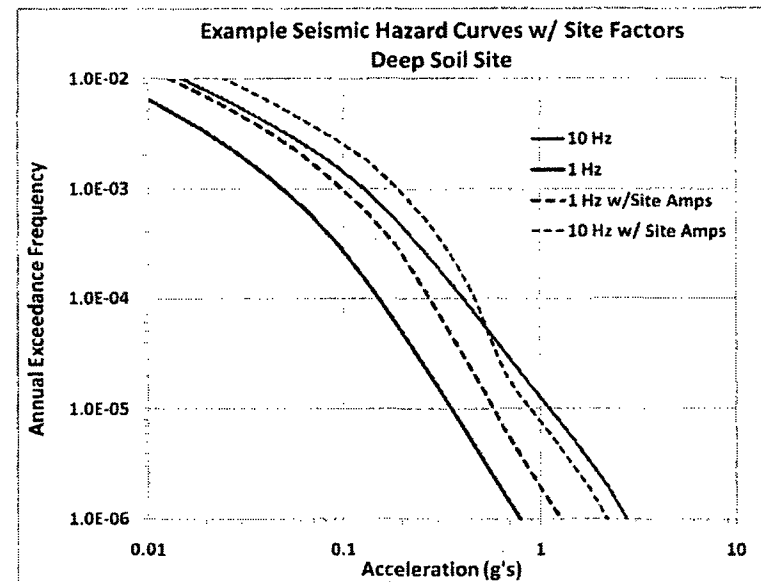
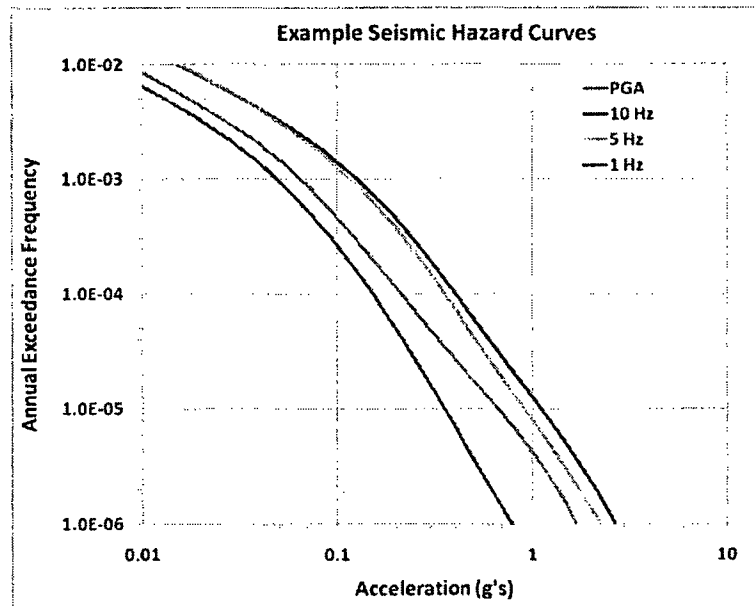


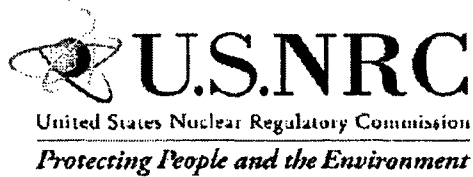


Calculation of Seismic Hazard

- **Requirements:** produce consistent estimates for 68 different sites across the CEUS.
 - Incorporate site-specific geological information.
- **Solution:** utilize the 2008 USGS software used to develop National Seismic Hazard maps. Calculate for rock site conditions, adjust to “site specific” conditions.
- **Output:** seismic hazard curves for four spectral frequencies for each NPP. Following Regulatory Guide 1.208 compute ground motion response spectra (GMRS) for each NPP.

Seismic Hazard Results- For Each Site

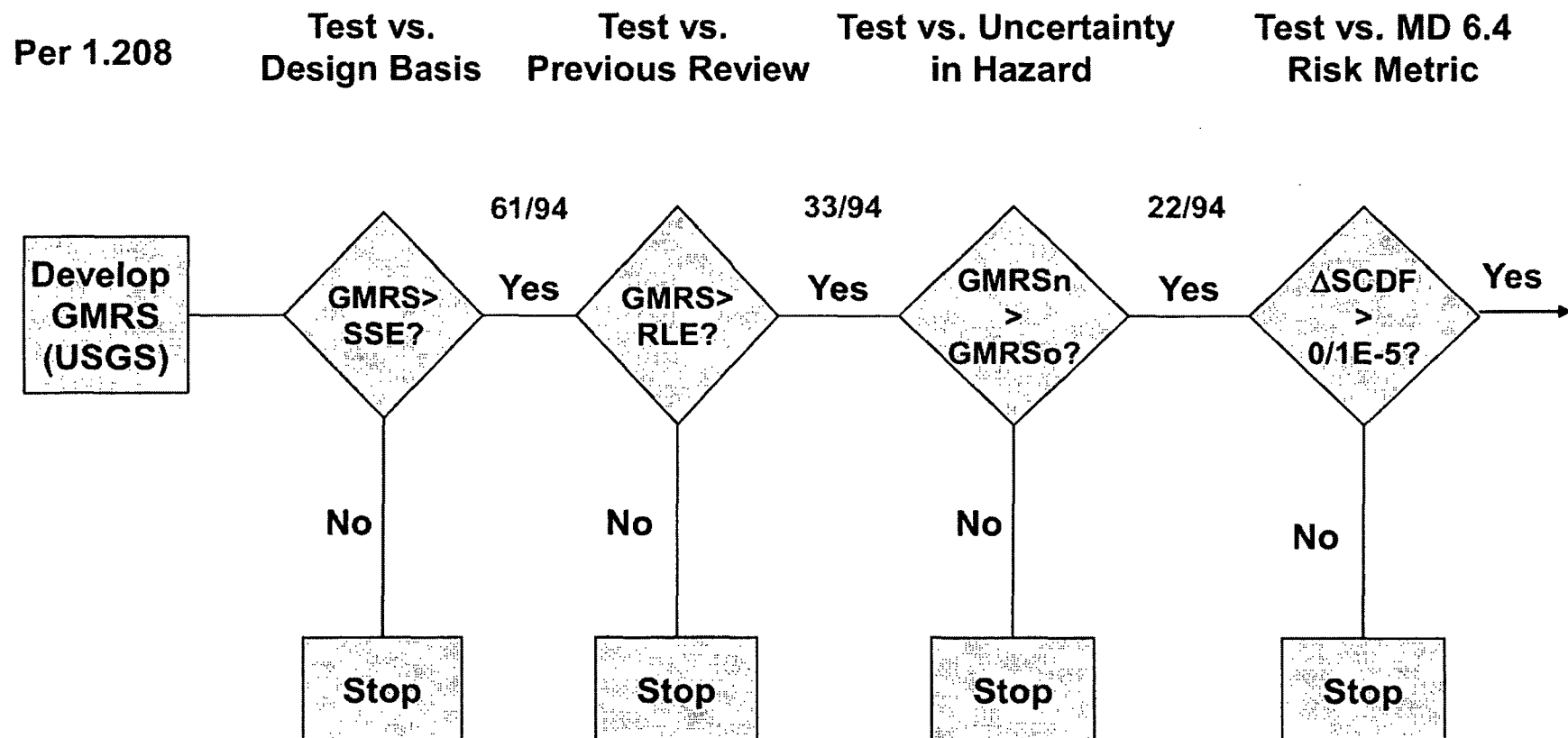


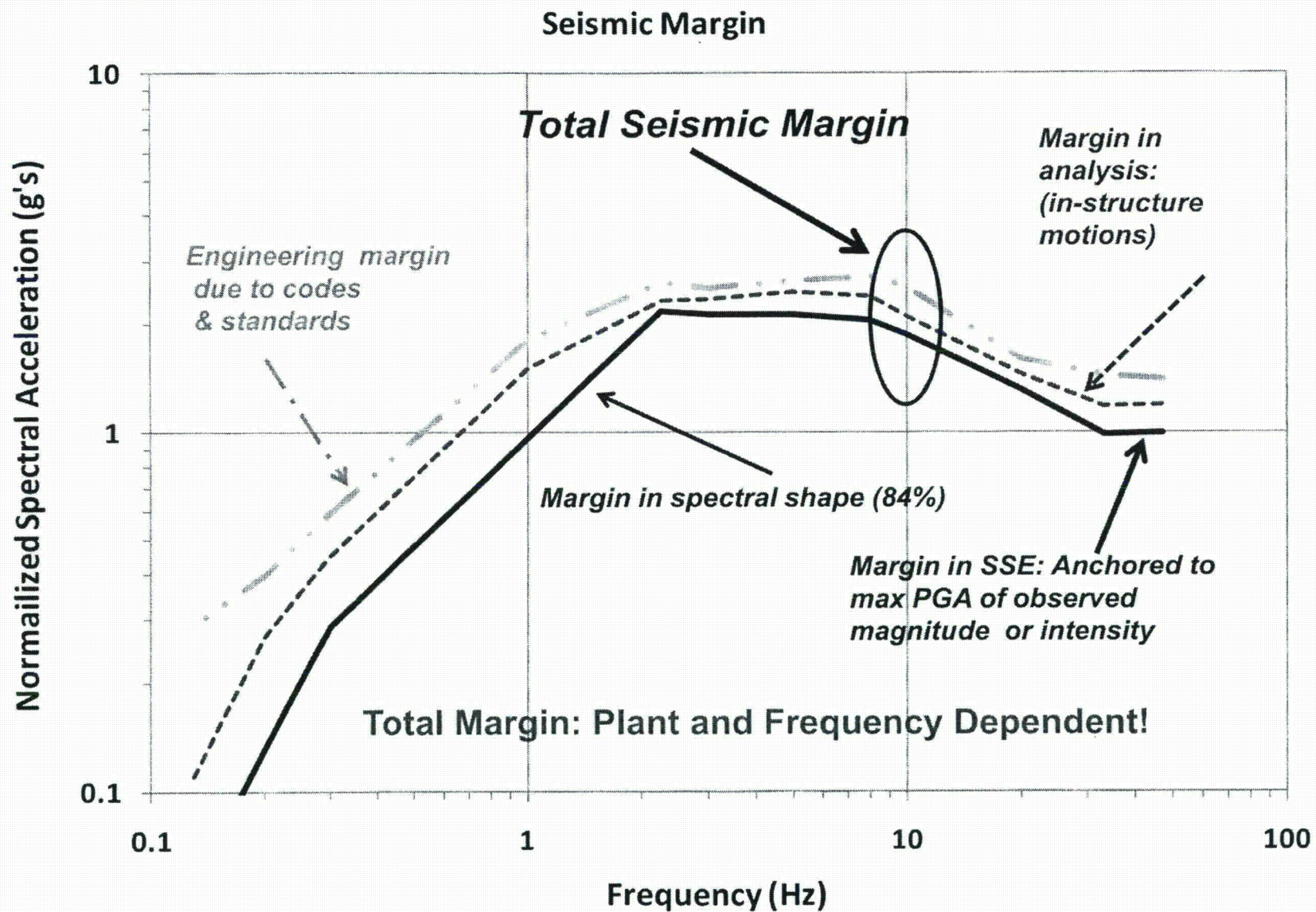


Individual Plant Examination of External Events (IPEEE) Program

- The IPEEE program also considered the implications of Beyond Design Basis Ground Motions.
- IPEEE used a review-level earthquake (RLE) whose spectra exceeded/equaled the SSE and demonstrated plant safety either with low core damage frequency (via SPRA: ~30% CEUS plants) or high seismic margin (via SMA: ~70% CEUS plants).
- The emphasis was on developing risk insights.
- Seismic hazard curves from EPRI and LLNL used.

Hazard/Risk Evaluation Process



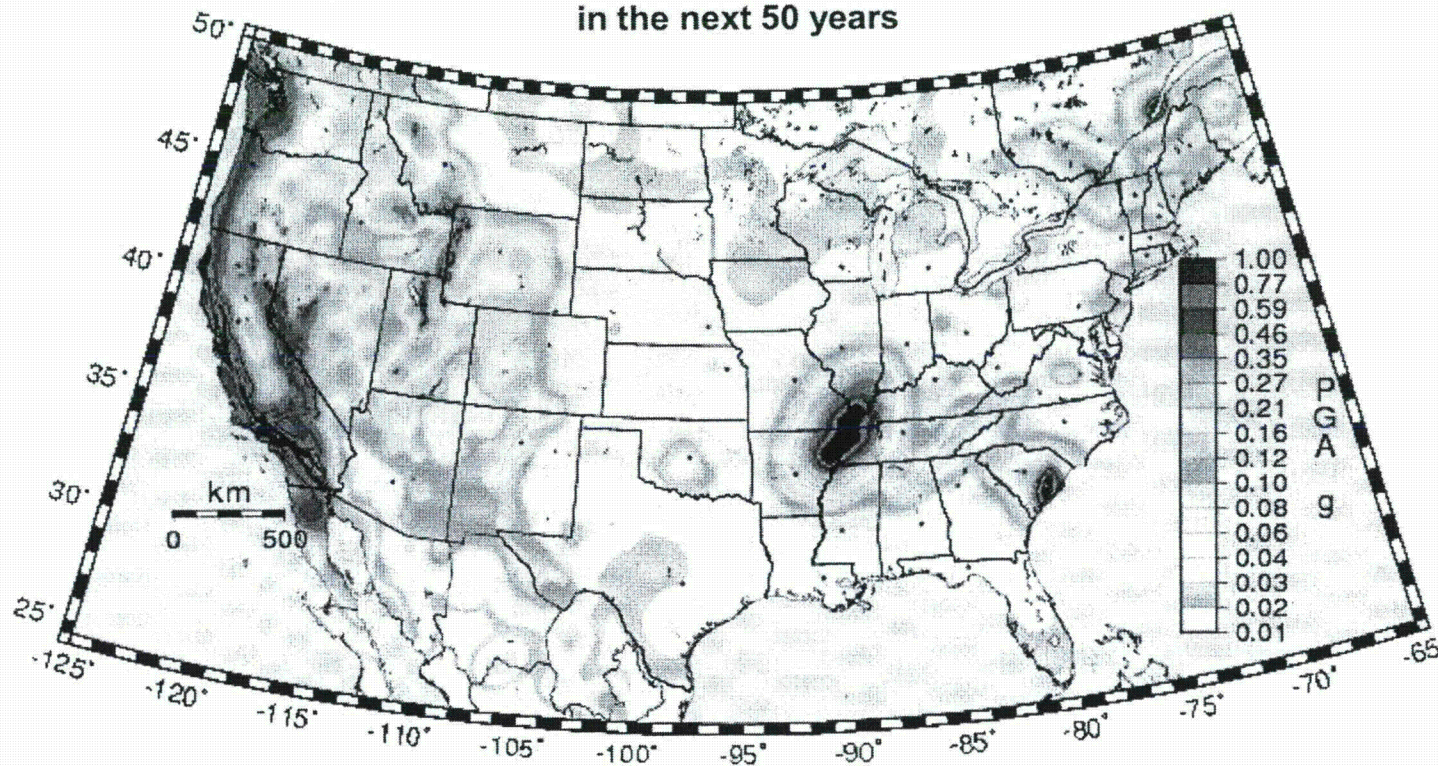


Assessing the Implications of Increased Seismic Hazard

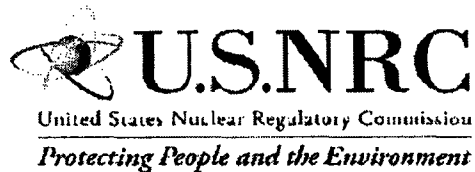
- Compare risk due to different seismic hazard curves:
 - IPEEE-era curves:
 - 1989: EPRI/SOG (EPRI NP-6395) – many plants
 - 1994: LLNL (NUREG-1488) – all plants
 - Recent curves:
 - 2000s: ESP and COL applications for co-located plants – few plants
 - 2000s: EPRI curves – proprietary information for six sites provided under NRC/EPRI Memorandum of Understanding for collaborative seismic research
 - 2008: USGS – all plants
- When performing a Safety/Risk Assessment of a generic issue, usually pick several “representative” plants for analysis. However, for GI-199, need to conduct analyses for each CEUS plant:
 - Nationwide variability of seismic hazards
 - Variability in plant-specific seismic fragilities

Seismic Hazard Variability

Peak ground acceleration (PGA) 2% probability of exceedance
in the next 50 years



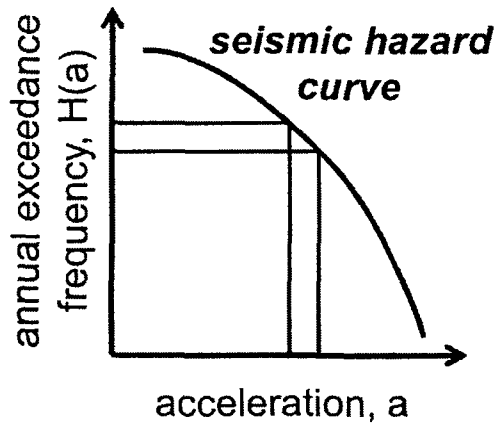
Source: earthquake.usgs.gov



Crafting an Approach

- Available seismic fragility information from IPEEEs:
 - 30% based on Level 1 seismic PRAs (SPRAs)
 - 70% based on seismic margins analysis (SMAs)
 - Limited information on seismic containment performance
 - Plants have been modified since the IPEEEs, but the impact of these modifications on seismic fragility is not well understood
 - IPEEEs completed before consensus standards on PRA quality were developed; no peer review or in-depth staff review.
- Prohibitive effort to develop SPRAs for all plants.
- The approach:
 - For each CEUS plant,
 - Combine mean seismic hazard curves (EPRI/SOG, LLNL, and USGS)
 - With the mean plant-level fragility curve
 - Developed from IPEEE information to
 - Estimate SCDF.

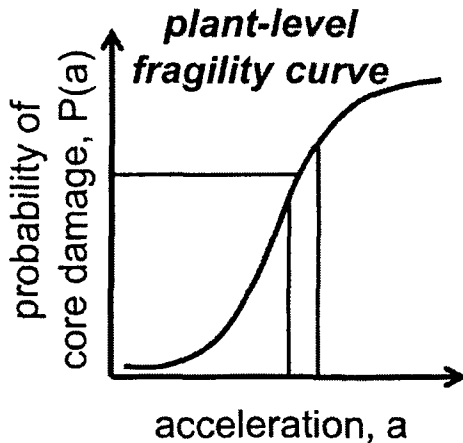
Computing SCDF



Over a small range of accelerations, the SCDF contribution is the product of:

- The frequency of earthquakes with accelerations in the range, and
- The probability of core damage given acceleration within the range

Add up the contributions over all accelerations.

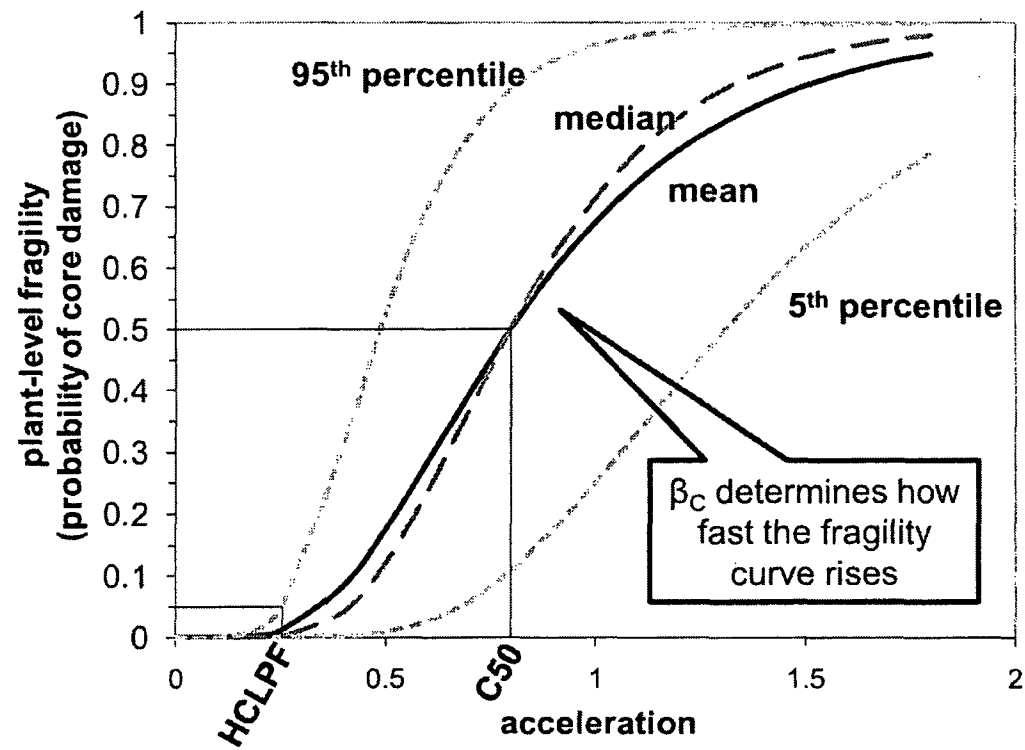


$$SCDF = \int_0^{\infty} P(a) \left(-\frac{dH(a)}{da} \right) da$$

$$= \int_0^{\infty} H(a) \frac{dP(a)}{da} da$$

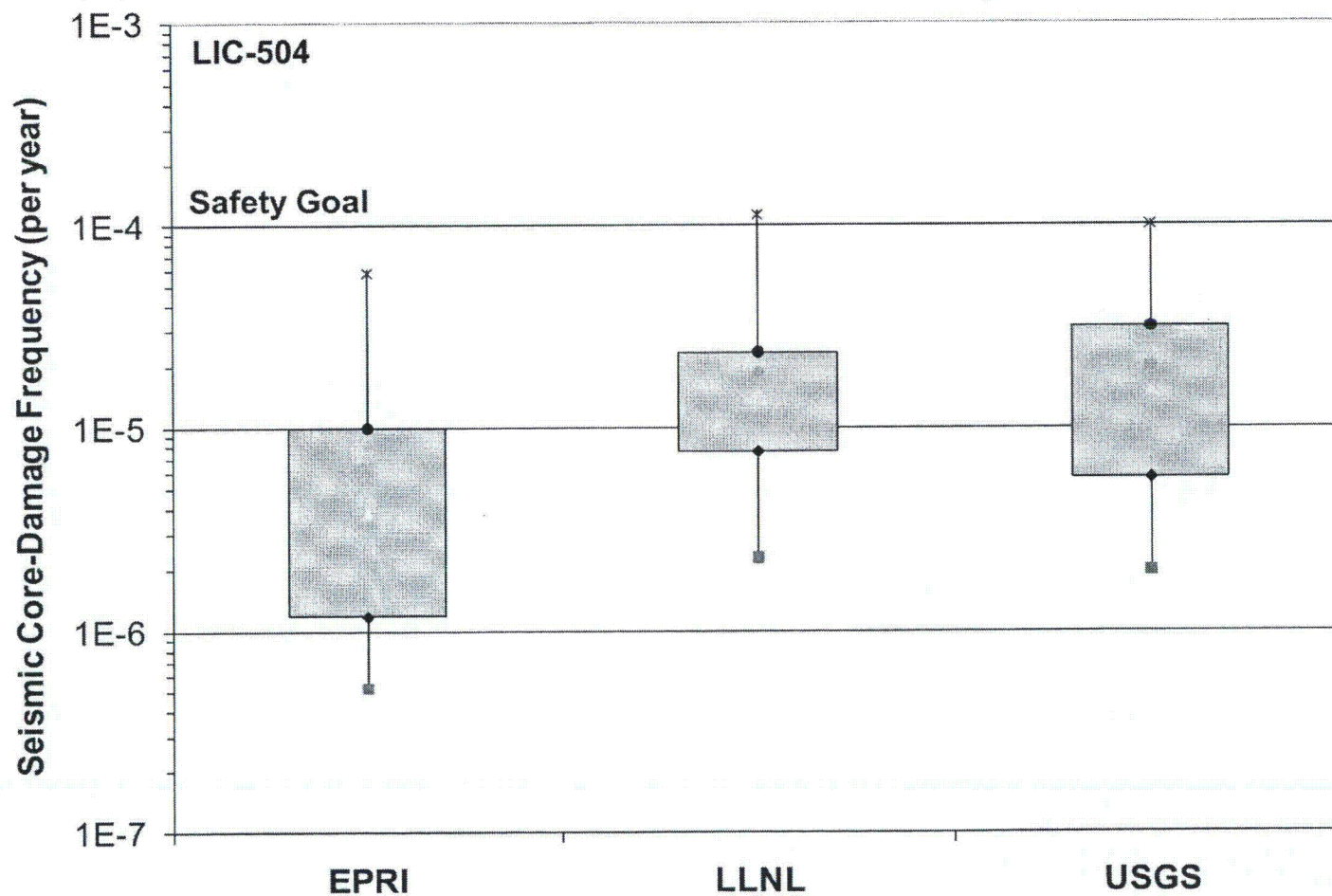
Plant-Level Seismic Fragility Curves

- Determined by SPRA
- Log-normal shape with two parameters:
 - C_{50} is the median seismic capacity
 - β_C is the composite logarithmic standard deviation
- Can be estimated from SMA: The plant-level HCLPF approximately corresponds to a conditional core-damage probability of 0.01

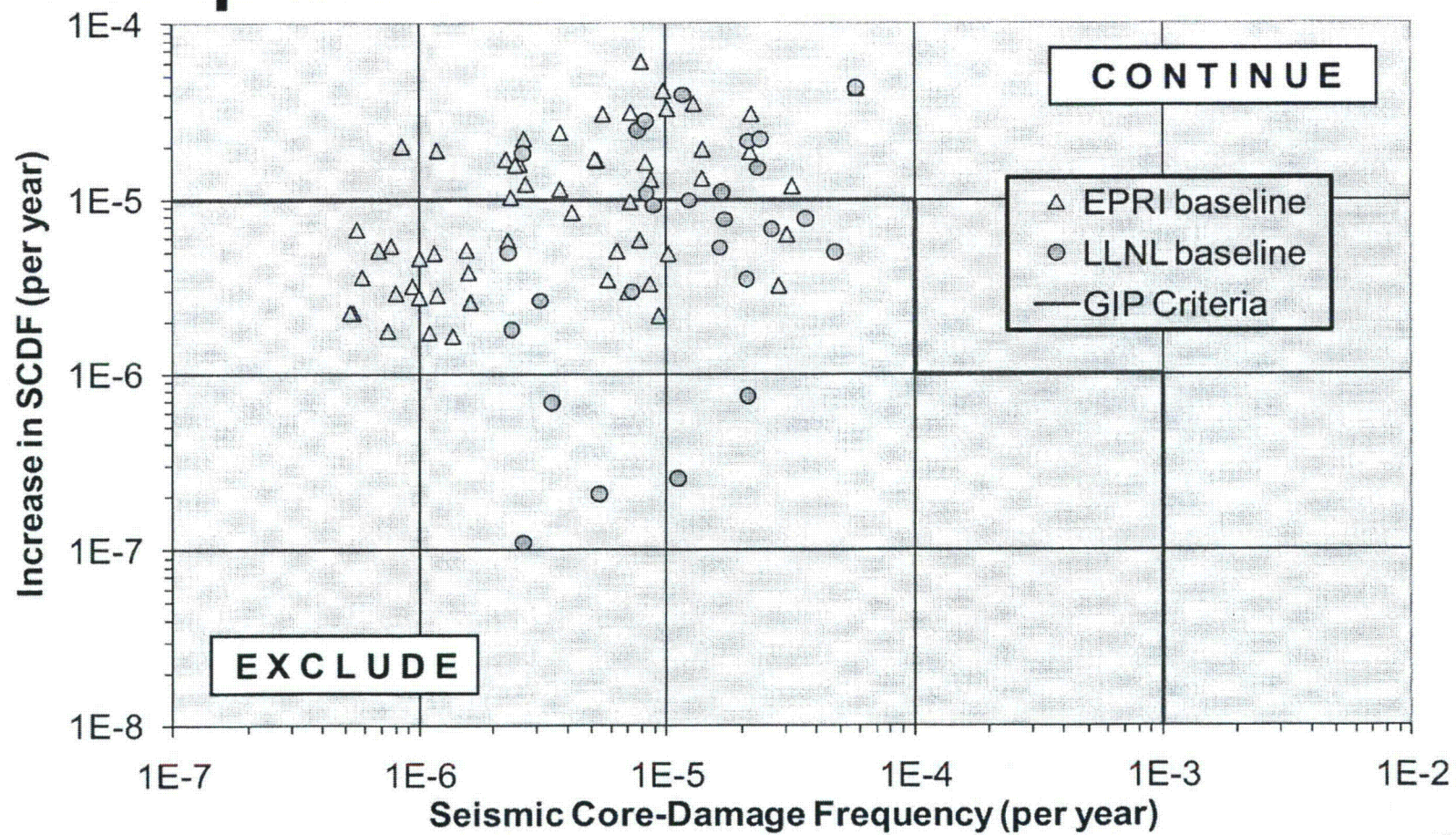


PGA, acceleration for a specific spectral frequency (e.g., 10 Hz), or acceleration over a range of spectral frequencies (e.g., 3-8Hz)

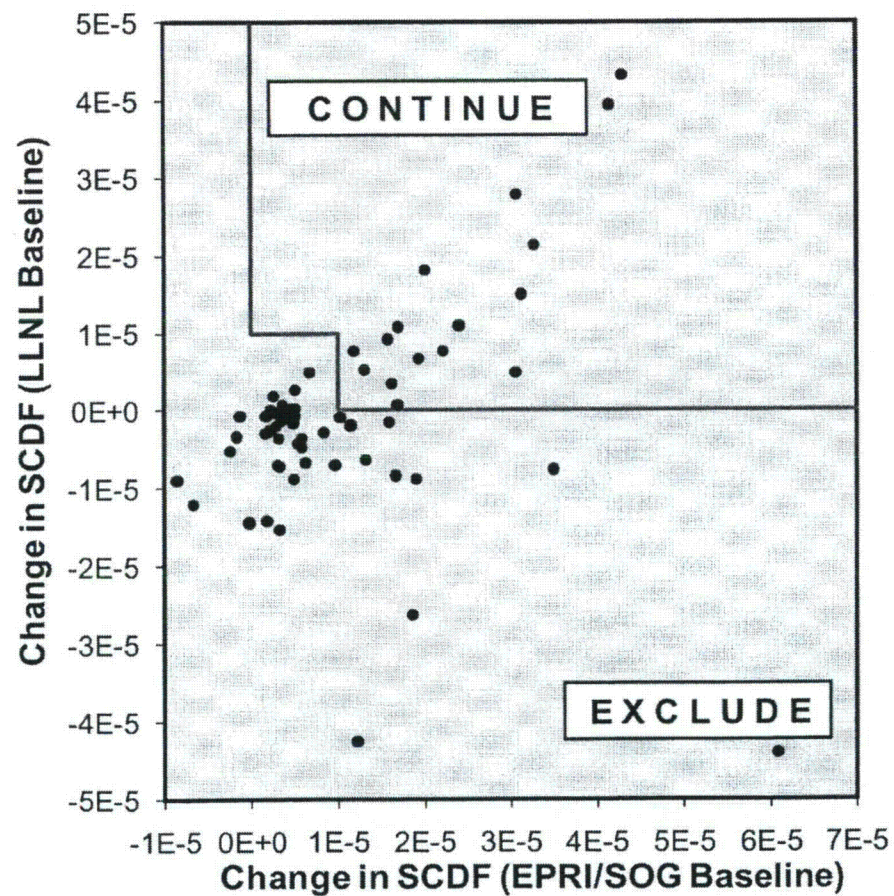
Fleetwide SCDF Variability



Comparison to GIP Criteria



Delta-Delta Plot





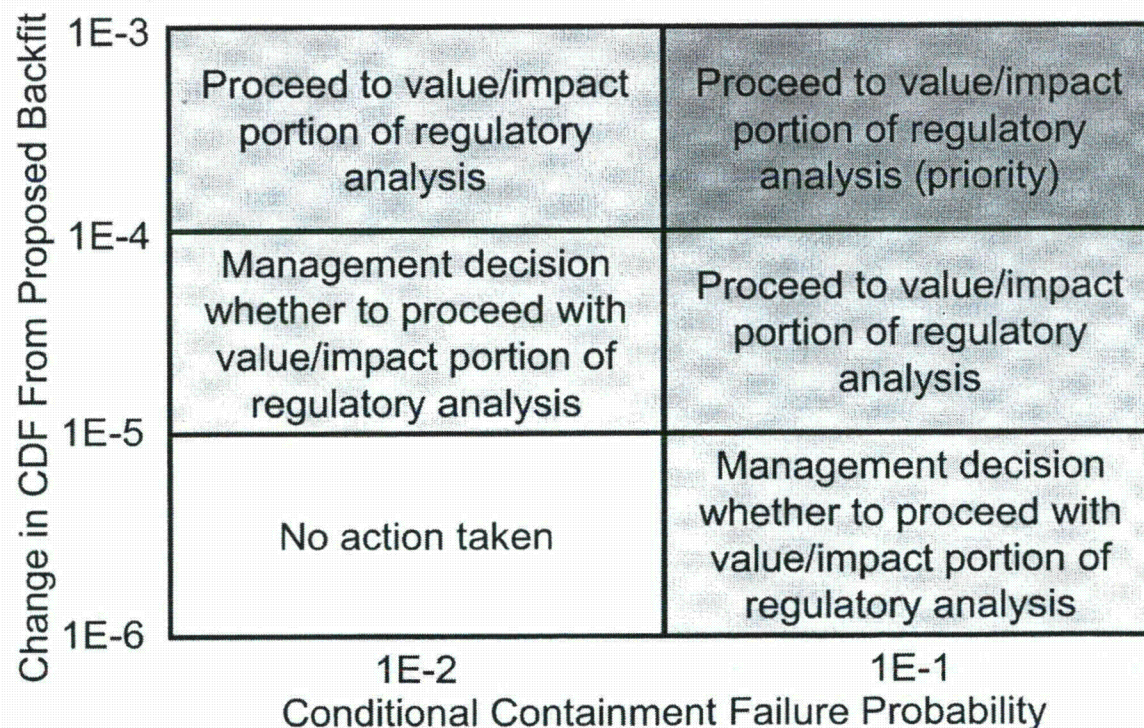
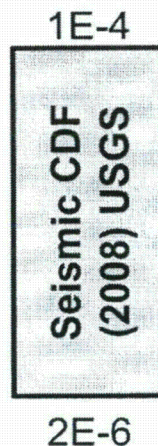
**Plants in the
 “Continue” Zone**

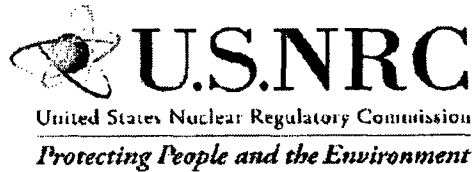
Do We Need to Consider Backfits?

Cost-Justified Backfits That Provide Substantial Safety Enhancements

Safety Goal Evaluation Screening Criteria (NUREG/BR-0058)

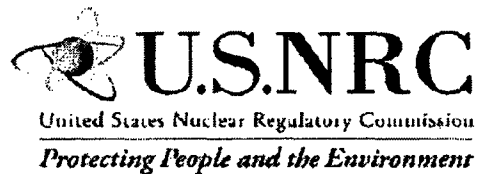
Distribution of GI-199
Safety/Risk
Assessment Results





Needed for GI-199 Regulatory Analysis

- Updated site specific hazard curves
- Frequency dependent, site specific amplification functions
- Plant level fragility information
- Plant specific contributors to seismic risk
 - Can be produced for plants with seismic PRA
 - Will need method developed for plants with SMA
- Need repeatable approach for evaluating new seismic hazard information and future updates



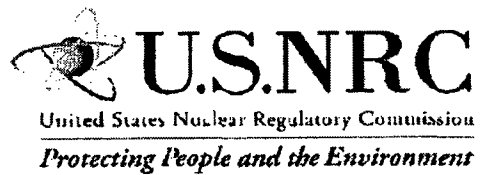
Path Forward

- NRR lead with RES support
 - Issue has transitioned from the GI Program to Regulatory Office Implementation
 - Issued Information Notice 2010-018 to inform plants of the GI-199 Safety/Risk Assessment results
 - Develop a generic communication to request needed data
 - RES works with EPRI on method for plants that used Seismic Margins Analysis (SMA)
 - RES develops inputs for GI-199 regulatory analysis under a user need request



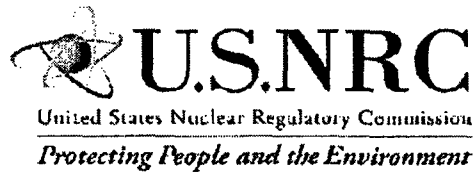
Overview of Generic Issue 199 Safety/Risk Assessment Results

- Operating power plants are safe
- Though still small, some seismic hazard estimates have increased
- Assessment of GI-199 will continue
 - Information is needed to perform regulatory assessments
 - NRC will request the needed information



INDUSTRY REMARKS

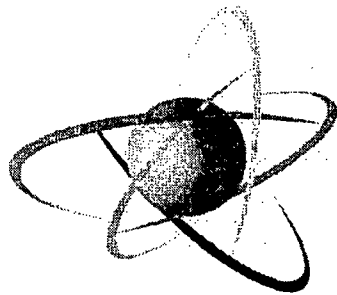
QUESTIONS?



Acronyms and Initialisms

ANS	American Nuclear Society
ANSI	American National Standards Institute
CAV	cumulative absolute velocity
CDF	core-damage frequency
CEUS	Central and Eastern United States
EPRI	Electric Power Research Institute
ESP	early site permit
GI	Generic Issue
GMRS	ground motion response spectrum
HCLPF	high confidence of low probability of failure
IPEEE	Individual Plant Examination of External Events
LLNL	Lawrence Livermore National laboratory
MD	Management Directive
MOU	memorandum of understanding
NRR	Office of Nuclear Reactor Regulation
PGA	peak ground acceleration
RES	Office of Nuclear Regulatory Research
RG	regulatory guide
SCDF	seismic core-damage frequency
SMA	seismic margins analysis
SPRA	seismic probabilistic risk assessment
SSE	safe shutdown earthquake
USGS	U.S. Geological Survey

Attachment NRC_1.joboptions (13738 Bytes) cannot be converted to PDF format.



U.S. NRC

UNITED STATES NUCLEAR REGULATORY COMMISSION

Protecting People and the Environment

*reviewer's
currently on
website not correct*

RIC 2011

Safety/Risk Assessment Results and Regulatory Approach to GI-199

Team effort:

Paul Hiland - past chair
NRC/SE Director

Jon Ake - Senior Scientist

John Kuehn
and Lane Kellin } GIP

Marty Stutzke, NRC/RES

Kamal Manoly, NRC/NRR

March 8, 2011

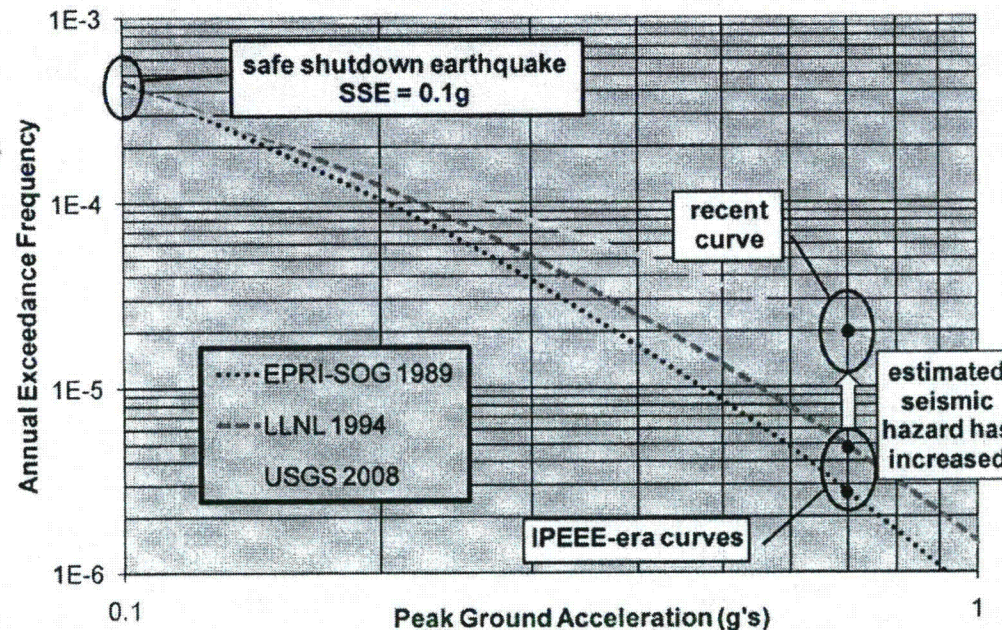
last page (49)

lists references

- All publicly available

What is GI-199 About?

CEUS
 - East of Rockies
 - 96



Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern United States (CEUS) on Existing Plants

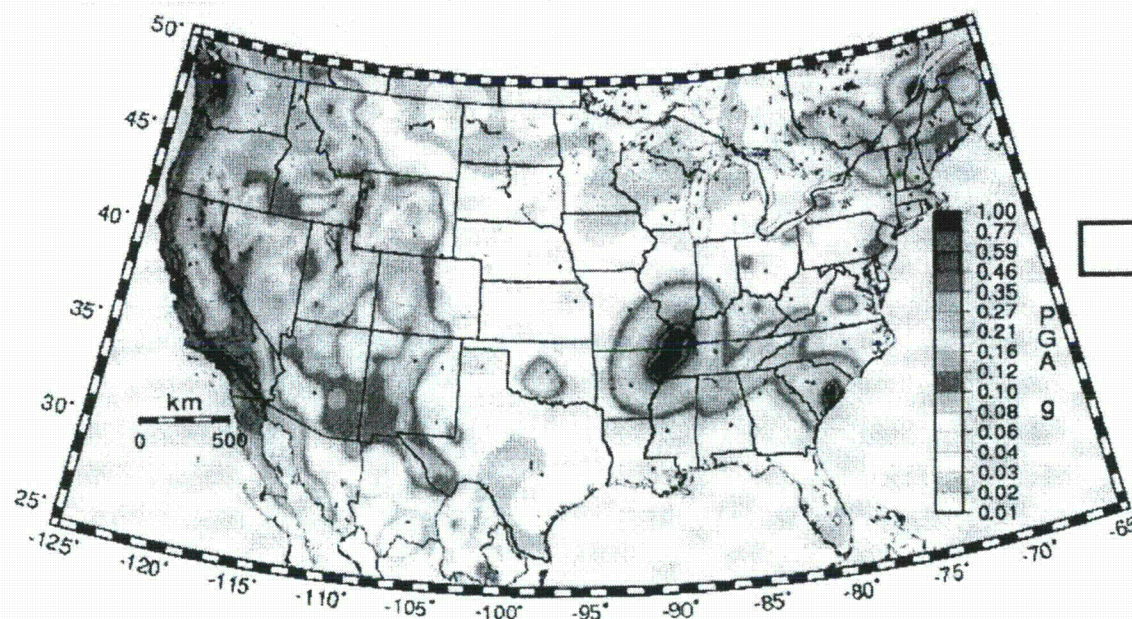
- ① ESP reviews - higher results
- ② Shown above for a real plant
 - Explain AEF
 - Bigger in SSE
 - $H(SSE) \approx \text{constant}$



Safety/Risk Assessment Goals

- Determine, on a generic basis, if the risk associated with GI-199 warrants further investigation for potential imposition of cost-justified backfits.
- Provide a recommendation regarding the next step (i.e., continue to the Regulatory Assessment for identification and evaluation of potential generic, cost-justified backfits, be dropped due to low risk, or have other actions taken outside the Generic Issues Program - GIP).

Seismic Hazard Variability



Peak ground acceleration — 2% in 50 year probability of
 exceedance. Source: earthquake.usgs.gov

96 plants

Need to
 estimate
 seismic risk
 for each
 CEUS plant

East of the Rocky Mountains



Safety/Risk Assessment Approach

- For each CEUS plant,
- Combine mean seismic hazard curves
 - 1989: EPRI/SOG (EPRI NP-6395) – many plants
 - 1994: LLNL (NUREG-1488) – all plants
 - 2008: USGS – all plants
- With the mean plant-level fragility curve
- Developed from Individual Plant Examination – External Events (IPEEE) information to estimate seismic core-damage frequency (SCDF).

baseline

{ 30% SPRA
70% SMA

Not SPRA or SMA. Rather, an approach to estimate ΔSCDF

At this stage, useful info we have in-house

Need to establish a basis to ask licensees for more info

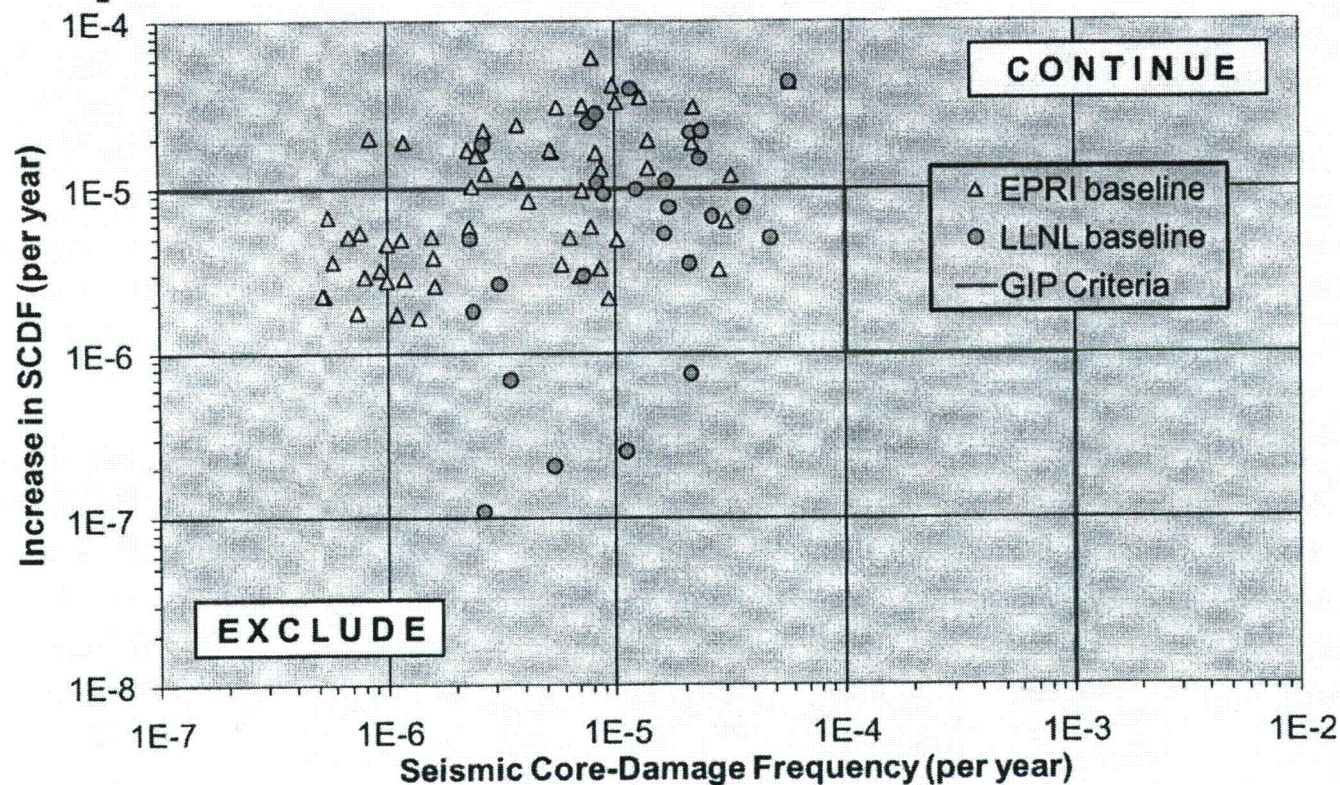


Two baselines: EPRI/SCS at LLNL
(IPEEE)

Δ based on USGS

Some Δ 's < 0

Comparison to GIP Criteria



★ 27 = More than a few plants in "continue" zone

~~All~~ All SCDFs use USGS 1.0×10^{-4}



Path Forward

- NRR lead with RES support
 - Issue has transitioned from the GI Program to Regulatory Office Implementation
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 - Develop a generic communication to request needed data
 - RES works with EPRI on method for plants that used Seismic Margins Analysis (SMA)
 - RES develops inputs for GI-199 regulatory analysis under a user need request



Safety/Risk Assessment Summary

- Operating power plants are safe
- Though still small, some seismic hazard estimates have increased
- Assessment of GI-199 will continue
 - Information is needed to perform regulatory assessments
 - NRC will request the needed information



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For More Information

Document	ADAMS Accession Number
October 6, 2010 Meeting Information Package	ML102500242
October 6, 2010 Meeting Presentation Slides	ML102770655
GI-199 Safety/Risk Assessment Package	ML100270582
NRC Information Notice 2010-018 <i>Reactors - Part 50</i> <i>ISFSRs - Part 72</i>	ML101970221
NRC Information Notice 2010-019	ML102160735

- Part 70: fuel mfg, mixed oxide, enrichment
- Part 76: gaseous diffusion plants
- Part 40: U-235 conversion/de conversion

From: info@i360gov.com on behalf of [i360Gov Webinars](#)
To: [Virgilio, Martin](#)
Subject: Next Tues: Private Cloud Poll Results
Date: Thursday, March 17, 2011 2:13:53 PM

Having trouble viewing this e-mail? [Click here](#) to view as a web page.
To ensure our emails reach your inbox, add info@i360gov.com to your address book or Safe Sender List.



Private Clouds: The Results Are In.

Greetings,

The results and analysis of i360Gov's research study regarding private cloud initiatives in government agencies will be presented in a complimentary webinar on **Tuesday, Mar. 22, 2011 at 2 PM Eastern.**

Please join our subject-matter-experts **Lee Badger (NIST)** and **Doug Bourgeois (formerly with U.S. Dept of Interior and the U.S. Patent and Trademark Office)**, as we present and discuss the results of this study, and explore the benefits of a private cloud versus a public cloud.

[Click here](#) to register for this complimentary webinar. (NO COST!)

All webinar registrants will receive a copy of i360Gov's special report detailing the results of this study.

Should you have any questions, please call me directly at 919-577-0898.

Thank you for your time.

Warm regards,

Jon Morton

Jon Morton
President
i360Gov, Inc.
919-577-0898 (office)
(b)(6) (mobile)
919-577-0897 (fax)
(b)(6) (skype)
www.i360Gov.com

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AE/58

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From: Leeds, Eric
To: Grobe, Jack
Subject: RE: CTS-SRM-CMGEA11-0001
Date: Thursday, March 17, 2011 2:04:00 PM

Memo sounds appropriate – thanks, jack!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
301-415-1270

From: Grobe, Jack
Sent: Thursday, March 17, 2011 1:10 PM
To: Meighan, Sean
Cc: Nguyen, Quynh; Leeds, Eric; Boger, Bruce; Virgilio, Martin
Subject: Re: CTS-SRM-CMGEA11-0001

The three questions

1. Whatever lead time OEDO needs. I think typically they like 3 weeks before the SRM due date for the concurred on document to be in the OEDO mail room. I think the SRM said 6 months so SECY will likely add six months to the SRM date and make that the due date. You work this.

2. Don't really know yet. I don't think this will be a policy issue so a memo may be fine. Though typically responding to an SRM is a SECOND paper.

Bruce/Eric/Marty - I recommend a memo unless you have a different thought.

3. EDO signature. Affects offices on both sides of the DEDOs.
Jack Grobe, Deputy Director, NRR

From: Grobe, Jack
To: Meighan, Sean
Cc: Nguyen, Quynh; Leeds, Eric; Boger, Bruce
Sent: Thu Mar 17 12:57:52 2011
Subject: Re: CTS-SRM-CMGEA11-0001

It has been assigned to NRR, but the majority of current expert elicitation is done in RES. We can take the lead but we will have to coordinate closely with all the program offices.

Jack Grobe, Deputy Director, NRR

From: Meighan, Sean
To: Grobe, Jack
Cc: Nguyen, Quynh
Sent: Thu Mar 17 12:56:05 2011
Subject: FW: CTS-SRM-CMGEA11-0001

Jack:

The subject SRM is assigned to NRR. EDO's offices is
1) Asking if NRR believes it belongs to another Office

AE/59

2) If it belongs to NRR, we are requested to read below and provide feedback.

If you could provide me direction on how to respond, it would be greatly appreciated.

Very Respectfully
Sean Meighan

From: Wittick, Brian
Sent: Thursday, March 17, 2011 11:42 AM
To: Meighan, Sean
Cc: Nguyen, Quynh
Subject: FW: CTS-SRM-CMGEA11-0001

Sean,

Below/attached is the one I need feedback on.

Thanks

Brian Wittick
Executive Technical Assistant for Reactors
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
301-415-2496 (w); (b)(6) (c)

From: RidsEdoDraftSrmVote Resource
Sent: Tuesday, March 15, 2011 2:52 PM
To: Wittick, Brian
Cc: RidsEdoDraftSrmVote Resource
Subject: FW: CTS-SRM-CMGEA11-0001

Brian,

See SECY tasking sheet for 03/15/11 SRM to COMGEA-11-0001. Please let me know as soon as possible that it is okay for the action to be tasked to the assigned office and that there are no additional OEDO tasking that need to be tracked from this SRM. When responding, please indicate:

- (1) the EDO due date;
- (2) type of response (SECY paper, memo, etc.); and
- (3) signature level of response (EDO, OD, etc.).

ACS will make sure that SECY is in agreement. Thank you.

Denise

From: Shea, Pamela

Sent: Tuesday, March 15, 2011 2:43 PM
To: RidsEdoDraftSrmVote Resource
Cc: Bavol, Rochelle; Laufer, Richard; Andersen, James; Landau, Mindy
Subject: CTS-SRM-CMGEA11-0001

See attached CTS.

*Thanks,
Pam*

Dean, Bill

From: Dean, Bill
Sent: Thursday, March 17, 2011 8:22 PM
To: Lew, David
Subject: Re: FW: Shower Room configuration

Sheesh! Well I am happy I guess. But a lot of wailing and gnashing of teeth. Get some rest!!
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Lew, David
To: Dean, Bill
Sent: Thu Mar 17 18:55:56 2011
Subject: FW: FW: Shower Room configuration

FYI. This morning we decided to go with both locker rooms downstairs and eliminate the conference room. However, there may be a small possibility of accommodating both by eliminating the water closets. I'll update you with emails on other stuff tomorrow, but I burnt out and heading home. Dave

From: Walker, Tracy
Sent: Thursday, March 17, 2011 6:01 PM
To: Lew, David; Baker, Pamela; Lorson, Raymond
Subject: RE: FW: Shower Room configuration

We believe it is unlikely that there will be enough space for a meeting room, but Ted asked the architects to try anyway. If its not big enough for a branch meeting, DRM would prefer to ensure we have adequate property storage space. Regardless, we are not going to revisit the decision on location of the locker rooms, so we don't need to bring it to the team for a decision.

From: Lew, David
Sent: Thursday, March 17, 2011 5:48 PM
To: Baker, Pamela; Lorson, Raymond
Cc: Walker, Tracy
Subject: RE: FW: Shower Room configuration

Pam, My reading of Ted's email is that the question of adequate space even with no water closets was still open. Dave

From: Baker, Pamela
Sent: Thursday, March 17, 2011 5:38 PM
To: Lew, David; Lorson, Raymond
Cc: Walker, Tracy
Subject: RE: FW: Shower Room configuration

Dave,

I did not see there needing to be any further decision as I was letting you and Ray know that there may be with, as I understand, the final decision to keep the showers on the first floor some additional flexibility which may allow for a small team room after all.

Also, As a reminder, I will be arriving late tomorrow (b)(6) Because we did not anticipate receiving the cost information about the glass wall until next week, we do not need to resolve that issue this week.

Pam

From: Lew, David
Sent: Thursday, March 17, 2011 5:31 PM
To: Baker, Pamela; Lorson, Raymond
Cc: Walker, Tracy
Subject: RE: FW: Shower Room configuration

Thanks Ray/Pam. Can we come to a decision with the team tomorrow when we talk about the glass wall at the same time?

From: Baker, Pamela
Sent: Thursday, March 17, 2011 5:01 PM
To: Lorson, Raymond; Lew, David
Subject: FW: FW: Shower Room configuration

Ray/Dave,

See below email responses and our further request for the first floor locker room re-configuration.

Ray asking the question regarding the code proved to be effective in ensuring we got the optimum design on the first floor.

Thank You,

Pam

From: Wingfield, Ted
Sent: Thursday, March 17, 2011 4:03 PM
To: Parsley, Andrea; Rule, David; Baker, Pamela; Judy Channick
Subject: RE: FW: Shower Room configuration

Okay ... so before that, we finally got a quick decision => Locker rooms on 1st floor & no "public meeting room"
... THEREFORE, in light of this new development, UNLESS "minimal," 2-stall locker rooms (without water closet) leave enough room for a 16-person meeting room AND RESTORE square footage of the property storage area, we will want "reasonable" 2-stall locker rooms and give the rest of the space back to the property storage room.

From: Parsley, Andrea [mailto:aparsley@environetics-pa.com]
Sent: Thursday, March 17, 2011 3:53 PM
To: Rule, David; Wingfield, Ted; Baker, Pamela; Judy Channick
Subject: Re: FW: Shower Room configuration

Dave,

We spoke with the International Code Council regarding this matter and they informed us that a water closet is not required in the shower room since this is not a unisex room. If these rooms were unisex, a water closet would be required. This doesn't make much sense to us, but it seems to work out in your favor!

Please let us know if you have any other questions.

Thanks,
Andrea

On Thu, Mar 17, 2011 at 6:34 AM, Rule, David <David.Rule@nrc.gov> wrote:

Andrea:

Could you please give us the specific code that requires a water closet in the shower facilities

Dave Rule

From: Baker, Pamela
Sent: Wednesday, March 16, 2011 5:23 PM
To: Rule, David
Cc: Walker, Tracy
Subject: RE: Shower Room configuration

Dave,

In follow up to my response below, Ray Lorson has requested that we ask for the specific "code" requiring a co-located water closet with shower facilities.

Thank You,

Pam

From: Baker, Pamela
Sent: Wednesday, March 16, 2011 3:11 PM
To: Lew, David; Lorson, Raymond
Cc: Walker, Tracy; Rule, David
Subject: Shower Room configuration

Dave/Ray,

Building code requires for there to be a "water closet" accessible to shower facilities. Because the first floor restrooms are public we are not allowed to "attach" a shower addition. On the second floor we would use the flexibility to incorporate a water closet with the restrooms since they are within our space and thus reduce the space footprint for showers. Unfortunately we do not have that latitude on the first floor.

Pam

--
Andrea Parsley
Interior Design

Environetics®
Designing Environments That Work.

One Penn Center
1617 JFK Blvd., Suite 1600

Philadelphia, PA 19103

T 215.525.4849 x 113

F 215.525.4852

M (b)(6)

E aparsley@environetics-pa.com

Environetics Design, Inc.

www.environetics-pa.com

New York Philadelphia New Jersey Los Angeles

From: Siu, Nathan
To: Tobin, Margaret
Cc: Coyne, Kevin
Subject: PSA 2011 presentation
Date: Thursday, March 17, 2011 9:07:39 PM

Hi Maggie -

I think I forgot to tell you but the presentation went well. Thanks for taking the lead. Will chat when we can find some time. BTW Westinghouse has a very nice Sharepoint setup. They're willing to talk if we want to follow up.

Sent from NRC BlackBerry
Nathan Siu

(b)(6)

AE/GI

From: Midwest Publishing Company
To: Borchardt, Bill
Subject: US NUCLEAR REGULATORY COMMISSION - NRC PC Directory Listing Update
Date: Thursday, March 17, 2011 11:37:57 PM

US NUCLEAR REGULATORY COMMISSION - NRC is currently listed free of charge in the Midwest Publishing Company PC Directory for the Energy Industry. Please review the information we have posted for your company by visiting <http://www.midwestdirectories.com/Questionnaire/Q.asp?id=82193&cid=271387> and electronically making any necessary additions or corrections to update the listing for US NUCLEAR REGULATORY COMMISSION - NRC. If you are not the proper contact for this questionnaire please forward to the most appropriate person in your organization.

Enhanced listings are also available. For details please visit <http://www.midwestpub.com/BoldListings.php>.

Your login information is:

User Name: 271387 Bill Borchardt
Password: (b)(6)

Your questionnaire should be completed by 3/31/2011 in order for any changes to be included in the April update of the PC directory.

Advantages of your FREE PC Directory listing:

1. Wide range of exposure - your listing can be found through searches on company name, geographic location, company description, listed personnel and applicable Buyer's Guide categories.
2. Relevance - your listing will be placed in all industry titles and sections which your company serves.
3. Accessibility - potential customers will be able to contact the most relevant personnel listed for your company.
4. Multiple sales points - your listing can be enhanced with other distribution / service locations throughout your territory and worldwide.
5. Easy and flexible - changes to your company's listing can be made at any time and will be reflected in the following monthly update of the PC Directory.

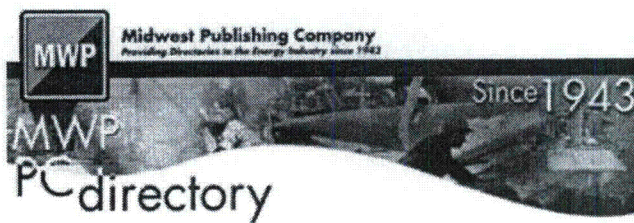
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From: West, Stephanie
To: Langlie, Liz
Cc: Case, Michael
Subject: RIC Posters
Date: Thursday, March 17, 2011 7:51:47 AM

Hello Liz,

I am forwarding you some email correspondence from some of our folks in RES/DE. It was suggested below that the RIC posters be displayed either simultaneously or on a rotating basis at Church Street or White Flint.

Do you know of anyone else that is doing this or anyone that might be able to help coordinate this effort? Do you know of some other standard procedure for the posters?

Any information, suggestion or point of contact would be greatly appreciated.

Thanks,

Stephanie West
Administrative Assistant, RES/DE
US Nuclear Regulatory Commission
ph: 301-251-7619
fax: 301-251-7425
stephanie.west@nrc.gov

Great idea. I wouldn't want to trash them either. Stephanie is at class but should be back shortly. We can use her as a point of contact on the display/rotation issue.

From: Tregoning, Robert
Sent: Tuesday, March 15, 2011 10:25 AM
To: Cumblidge, Stephen; Kirk, Mark; Stevens, Gary; Rudland, David; Focht, Eric; Iyengar, Raj; Klein, Paul; Malik, Shah; Norris, Wallace; Nove, Carol; Prokofiev, Iouri; Rathbun, Howard; Benson, Michael; Dunn, Darrell; Pulvirenti, April
Cc: Csontos, Aladar; Gavrilas, Mirela
Subject: RE: RIC - Great Job Folks!!

All:

While I certainly don't want the RIC posters (my office isn't big enough ☺), I don't think we should trash them because they look great and we spent a good deal of time and money to create them. I suggest that we collect them all and figure out places to display them, perhaps simultaneously or on a rotating basis (i.e., the hallways on CS 5). Perhaps we can query management to see if there are more visible locations either in CS or WF where we could display posters either simultaneously or on a rotating basis for the benefit of those outside of RES. We might as well use these to educate other staff and visitors about the great work that you guys are all doing.

AE/63

RT

Robert Tregoning
Technical Advisor for Materials
US Nuclear Regulatory Commission
21 Church Street, M/S CS-5A24
Rockville, MD 20850
ph: 301-251-7662
mobile: (b)(6)
fax: 301-251-7425

From: Case, Michael
To: Dehn, Jeff
Subject: RE: Your regulation on NPP design and modernization of NPP's
Date: Thursday, March 17, 2011 8:59:00 AM

Thanks Jeff.

From: Dehn, Jeff
Sent: Thursday, March 17, 2011 8:40 AM
To: Anders.Hallman@ssm.se
Cc: Case, Michael; Sangimino, Donna-Marie
Subject: RE: Your regulation on NPP design and modernization of NPP's

Mr. Hallman,

Your request below was forwarded to me, and I believe you will be able to find all the information you are looking for on our public website. Specifically, please see our regulations related to power plant design:

10 CFR Part 50 (appendix A)
<http://www.nrc.gov/reading-rm/doc-collections/cfr/part050/part050-appa.html>

and 10 CFR Part 52 (for new reactors)
<http://www.nrc.gov/reading-rm/doc-collections/cfr/part052/>

Hopefully this is helpful to you.

Thank you,
Jeff Dehn

International Relations Specialist
Office of Nuclear Regulatory Research (RES)
US Nuclear Regulatory Commission
jeff.dehn@nrc.gov
301-251-7672

From: Hallman, Anders [mailto:Anders.Hallman@ssm.se]
Sent: Thursday, January 27, 2011 6:46 AM
To: Marja-Leena.Jarvinen@stuk.fi; fabien.feron@asn.fr; geoffrey.vaughan@hse.gsi.gov.uk; Case, Michael; christine.wassilew@bmu.bund.de; peter.flury@ensi.ch
Cc: Carlsson, Lennart; Skånberg, Lars; Brickstad, Björn; Norstedt, Anna; Löwenhielm, Gustaf
Subject: Your regulation on NPP design and modernization of NPP's

Dear college,

I think we at the last NUSSC-meeting had a good discussion on DS414 and improved the document even further.

AE/64

As an input to the improvement of the Swedish regulation on design of the NPP, SSM has decided to make a comparison between the Swedish regulation on design of NPP (SSMFS 2008:17) and the corresponding regulation in Finland, France, United Kingdom and the United States. In addition, we plan to compare with the DS414.

We have also decided to make a compilation of safety improvements implemented in NPP's in other countries, due to new or revised requirements, and other modifications and replacements made by other reasons, such as aging components. Our plan is to compile safety related measures implemented in the Finnish, French, Swiss and German NPP's.

Can you please help us finding the French, British and US requirements on design of NPP? Can a complete set of your regulation be found on your website? If not, do you have the possibility to send us a file including your regulating guides on the design of (modern) NPP?

Where can we find a description of the changes/modifications/improvements implemented in the Finnish, French, Swiss and German plants? A rather detailed description would be of great help to us.

Your kind and timely help is deeply appreciated.

Best regards
Anders Hallman

Anders Hallman

STRÅLSÄKERHETSMYNDIGHETEN
Swedish Radiation Safety Authority

Avd. för kärnkraftsäkerhet
Dept. of Nuclear Power Plant Safety

SE-171 16 Stockholm
Solna strandväg 96

Tel: +46 8 799 42 42

Mail: (b)(6)

Fax: +46 8 799 40 10

Web: stralsakerhetsmyndigheten.se

From: Lee, Pete
To: Ross-Lee, MaryJane; Leeds, Eric; Weber, Michael; Correia, Richard
Cc: Lain, Paul; Huvck, Doug; Prescott, Peter
Subject: High Expansion Foam
Date: Thursday, March 17, 2011 9:58:48 AM
Importance: High

(b)(5)

The information on this subject is available in the Fire Protection Handbook from our technical library.

From: Ross-Lee, MaryJane
Sent: Wednesday, March 16, 2011 11:36 PM
To: Lee, Pete
Subject: check out

This website for some great pictures of plants:

DigitalGlobe

Mary Jane Ross-Lee (MJ)
Director, Division of Facilities and Security
TWFN 3D3
US Nuclear Regulatory Commission
☎ Direct: 301-415-3281
📱 Mobile: (b)(6)
✉ e-mail: maryjane.ross-lee@nrc.gov

AE/65

From: Case, Michael
To: Lorette, Phillip
Subject: FW: NRO Mtg -- get ready for action
Date: Thursday, March 17, 2011 10:05:00 AM
Attachments: Proposed RES NGNP FY13 Budget FTE 3-15-11 (2).xlsx
RE NRO Mtg -- get ready for action DRA Input (Advanced Reactor Funding).msg
RES NGNP FY12 Budget.msg
Importance: High

Please print including e-mail

From: Zaki, Tarek
Sent: Wednesday, March 16, 2011 2:56 PM
To: Scott, Michael; Coffin, Stephanie; Coyne, Kevin; Gavrilas, Mirela
Cc: Case, Michael
Subject: RE: NRO Mtg -- get ready for action
Importance: High

Attached is a revised FY13 sheet based on this morning's meeting. I hope I captured everything, but the NRO folks are revising their "comprehensive" sheet anyway and we should be able to compare and confirm once this is issued. Also attached is Kevin's email with DRA's FY12/13 input, which should be consistent with this revised sheet, as well as DRA's original FY13 budget/FTE input to NRO.

Also, in preparation for our upcoming FY12 budget/FTE discussion this afternoon, I attached Jon's earlier email with the proposed FY12 budget/FTE.

Thanks,
Tarek

From: Zaki, Tarek
Sent: Wednesday, March 16, 2011 11:33 AM
To: Gavrilas, Mirela; Coyne, Kevin
Cc: Scott, Michael; Case, Michael; Coe, Doug; Richards, Stuart; Gibson, Kathy
Subject: RE: NRO Mtg -- get ready for action

Mirela/Kevin;

Thanks again for your quick feedback/input yesterday.

Yes, please provide any changes you would like to make to the info you provided yesterday and send it to us ASAP in order to consolidate in preparation for this afternoon's FY12 budget discussion with NRO.

(b)(5)

BTW, Mike and I had a meeting with NRO this morning on FY13 budget, I'm working on a summary and I'll forward it to you shortly.

Thanks,

AE/66

Tarek

From: Gavrilas, Mirela
Sent: Wednesday, March 16, 2011 10:07 AM
To: Zaki, Tarek; Scott, Michael; Coyne, Kevin
Cc: Kelly, Joseph; Armstrong, Kenneth; Hudson, Daniel; Shaffer, Sarah; Csontos, Aladar; Sydnor, Russell; Hogan, Rosemary; Graves, Herman; Case, Michael
Subject: RE: NRO Mtg -- get ready for action

Tarek,

(b)(5)

If the answer is that we do have some latitude, then we'll need to revisit the issue with both Al and Russ, to see if they might need additional time as well.

Thanks,
M.

From: Zaki, Tarek
Sent: Tuesday, March 15, 2011 6:57 PM
To: Scott, Michael; Coyne, Kevin; Gavrilas, Mirela
Cc: Kelly, Joseph; Armstrong, Kenneth; Hudson, Daniel; Shaffer, Sarah
Subject: RE: NRO Mtg -- get ready for action

Mike;

Attached is a proposed RES NGNP FY12 budget & FTE based on our earlier discussion, on Mirela's verbal input to you, and on Kevin's attached email. Please note that this is only for FY12 and does not include the FY13 input provided in Kevin's attached email, neither does it include any FTE to coordinate, manage, and monitor any DOE funded projects (e.g., OSU).

Thanks,
Tarek

From: Zaki, Tarek
Sent: Tuesday, March 15, 2011 4:28 PM
To: Zaki, Tarek; Coyne, Kevin; Gavrilas, Mirela
Cc: Scott, Michael; Starefos, Joelle; Armstrong, Kenneth; Hudson, Daniel; Shaffer, Sarah

Subject: RE: NRO Mtg -- get ready for action
Importance: High

To further simplify, attached is Jon's email with the NGNP specific sheets that we also discussed in our meeting. Let's use those as a starting point since this exercise is really NGNP specific.

(b)(5)

Thanks,
Tarek

From: Zaki, Tarek
Sent: Tuesday, March 15, 2011 3:59 PM
To: Coyne, Kevin; Gavrilas, Mirela
Cc: Scott, Michael; Starefos, Joelle; Armstrong, Kenneth; Hudson, Daniel; Shaffer, Sarah
Subject: FW: NRO Mtg -- get ready for action
Importance: High

Mirela/Kevin;

Thanks for meeting with us on such short notice. Attached is Ruth's initial spreadsheet, as well as Ken's emails with the more detailed spreadsheets that we discussed in our meeting.

Please take a look and coordinate with other BC's in your respective divisions regarding the following:

(b)(5)

Mike was looking to send our feedback to NRO today, so it's urgent. Sorry for the very short notice.

Thanks,
Tarek

From: Zaki, Tarek
Sent: Tuesday, March 15, 2011 1:17 PM
To: Coyne, Kevin; Gavrilas, Mirela
Subject: FW: NRO Mtg -- get ready for action
Importance: High

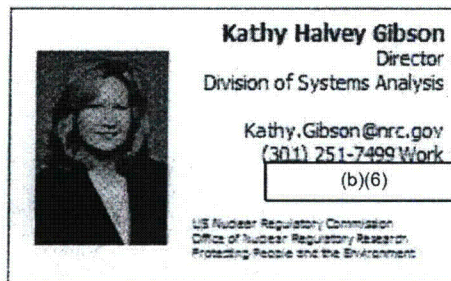
Kevin/Mirela;

Mike is in another budget meeting with NRR and he asked me to coordinate with you. We owe NRO feedback by COB today. Can we get together sometime this afternoon to discuss, is 2:30pm OK?

Thanks,
Tarek

From: Gibson, Kathy
Sent: Tuesday, March 15, 2011 12:59 PM
To: Scott, Michael; Zaki, Tarek
Subject: FW: NRO Mtg -- get ready for action
Importance: High

This doesn't read as severe as you indicated from the meeting, Mike. Am I missing something?



From: Armstrong, Kenneth
Sent: Tuesday, March 15, 2011 12:42 PM
To: Elkins, Scott; Hoxie, Chris; Zaki, Tarek; Lee, Richard; Bush-Goddard, Stephanie
Cc: Gibson, Kathy; Scott, Michael; Flanagan, Michelle; Lewis, Doris
Subject: FW: NRO Mtg -- get ready for action
Importance: High

I know many of you are out of the office today, but just wanted to pass this along in case you have any input.

From: Spencer, Ruth
Sent: Tuesday, March 15, 2011 12:06 PM
To: Armstrong, Kenneth; Hudson, Daniel; Rivera-Lugo, Richard
Cc: Rini, Brett; Stout, Kathleen; Grancorvitz, Teresa; Scott, Michael
Subject: NRO Mtg -- get ready for action
Importance: High

Brian, Jennifer, Mike S. and I sat in on NRO's budget meeting this a.m. Bottom line is that

(b)(5)

Mike Scott and Mike Mayfield were going to talk about i

(b)(5)

(b)(5)

I'm still over at WFN for an NRR meeting this afternoon, but I'll be back later if you want to discuss.

Thanks, Ruth

NGNP FY12 Contracts

Proposed RES NGNP Contracts (NRC Funds Only, \$K)									
Div	Branch	ICN	Title	FY11	FY12 Original Budget	FY13 Proposed Budget (3/15/11)	FY13 Proposed FTE (3/15/11)	Budget Cut	Justification
DSA	CDB	N6594	PARCS Development and Assessment for HTGR	250	250	200	0.3	50	This will support an orderly shut-down of and provide a logical restart point for the project, and will also provide the analysis capability for OECD HTTR-LOFC program.
DSA	FSTB	N6721	MELCOR Apps & Improvement for Advanced Reactors	175	175	150	0.25	25	This will support an orderly shut-down of and provide a logical restart point for the project.
DSA	FSTB	N6823	Develop Parallel SCALE Sequences	100	100	100	0.15	0	This will support an orderly shut-down of and provide a logical restart point for the project. Only an additional \$50K is needed to complete this project (total of \$100K).
DSA	NARB	N6261	HTGR Tech and Licensing Infrastructure Development	556	132	0	0	132	N/A
DSA	NARB	N6619	HTGR Evaluation Model Integration	1014	1014	269	0.6	745	This will support an orderly shut-down of and provide a logical restart point for the project.
DSA	NARB	N6997	HTTR LOFC Project	350	350	0	0	350	International Agreement
DSA	NARB	V6019	HTGR Knowledge Management Support	50	50	0	0	50	N/A
DSA	NARB		HTGR Knowledge Management Support	50	50	0	0	50	N/A
DSA	N/A		Perform white paper reviews, and monitor DOE's work.				2		
DSA Subtotal				\$2,545	\$2,121	\$719	3.3	\$1,352	
DRA	PRAB	V6035	Guidance on PRA Technical Adequacy for Advanced Reactor Review	150	150	110	1	40	Applicable to SMRs. 1.0 FTE budgeted for contract support to advanced reactor PRA (V6035) - FTE covers contract management and (given the low level of available funding for this work) also provides additional effort to complete PRA review guidance document. Other activities will include review of white papers, support for policy working groups, development and review of SECY papers, and development of PRA standards for advanced designs.
DRA	HFRB	N6763	WGHOF Advanced Technology Workshop	29	29	0	0	29	N/A
DRA	HFRB	N6768	Workload, Situational Awareness, and Teamwork	200	200	0	0.2	200	1.0 FTE budgeted to support contract management for Workload, Situational Awareness, Teamwork work(N6768), and in-house staff support for Concepts of Operations (CONOPS) for Modular Design (continue work in-house) and Human-System Integration. In addition to NGNP, this work is applicable to IPWRS/SMRs and new reactor designs.
DRA	HFRB	N6862	CONOPS for Modular Design	142	142	0	0	142	N/A
DRA	HFRB	New	Human-System Integration	308	308	0	0	308	N/A
DRA Subtotal				\$829	\$829	\$110	1.2	\$719	
DE	CIB	N6654	Elevated Temperature Design Method Development	369	319	0	0	319	N/A
DE	CMB	N6989	HTGR Graphite Core Component Stress Analysis Research	350	350	0	0	350	N/A
DE	CMB	N6988	Graphite Stored Energy Release	80		0	0	0	N/A
DE	DICB	N6668	Advanced Instrumentation	415	415	0	0	415	To be confirmed by Russ Sydnor on 3/16/11
DE	SGSEB	V6013	Soil Structure Interaction for SMRs on Individual Foundations	200	200	180	0.2	20	Applicable to SMRs.
DE	N/A		Monitor DOE's work.				0.6		
DE Subtotal				\$1,414	\$1,284	\$180	0.8	\$1,104	
RES Total				\$4,788	\$4,234	\$1,009	5.3	\$3,200	

Attachment RE NRO Mtg -- get ready for action DRA Input (1.msg (2560 Bytes) cannot be converted to PDF format.

Attachment RES NGNP FY12 Budget_1.msg (2560 Bytes) cannot be converted to PDF format.

From: Coyne, Kevin
To: Wilson, Peter; Coe, Doug
Cc: Stutzke, Martin; Beasley, Benjamin
Subject: Re:
Date: Thursday, March 17, 2011 12:50:32 PM

Pete-

Let me get a hold of Marty Stutzke and we'll give you a call shortly.

Kevin

Sent from an NRC Blackberry
Kevin Coyne

(b)(6)

From: Wilson, Peter
To: Coe, Doug; Coyne, Kevin
Sent: Thu Mar 17 12:36:15 2011
Subject:

Doug and Kevin,

Please call me when you can. Region I needs your help (RES) is responding to questions we are receiving from of State Government stakeholders on GI-199.

Pete

Peter R. Wilson
Acting Director
Division of Reactor Safety, Region I
U.S. Nuclear Regulatory Commission
610-337-5126 (W)
(b)(6) (C)
610-337-6928 (fax)
peter.wilson@nrc.gov

AE/67

From: Nguyen, Quynh
To: Grobe, Jack
Subject: Out of Office: Upcoming Trip Overseas for Jack Grobe
Date: Thursday, March 17, 2011 12:54:40 PM

Greetings!

I will be out of the office for the rest of the afternoon.

Sean Meighan, Acting Office Technical Assistant, can be reached at 301-415-1020.

I will be monitoring my email and can be reached via BlackBerry at (b)(6).

Thank you for your efforts and understanding during this difficult time.

AE/68

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Thursday, March 17, 2011 1:39 PM
To: Bensi, Michelle
Subject: FW: Agenda and Phone Bridge for CCF Workshop (3/22 - 3/24)
Attachments: Agenda.docx

If you are interested, this workshop may be informative.

Ben

From: Shen, Song-hua
Sent: Thursday, March 17, 2011 11:45 AM
To: Appignani, Peter; Beasley, Benjamin; Bone, Alysia; Buell, Bob ; Coyne, Kevin; Criscione, Lawrence; Demoss, Gary; Ferrante, Fernando; Galyean, William J; Groen, Frank J.; Haghani, Noosha; Hunter, Christopher; Kelly, Dana; Kozak, Laura; Lai, Sandra; Lane, John; Marksberry, Don; Mitman, Jeffrey; Mosleh, Ali; ONeal, Daniel; Passehl, Dave; Rasmuson, Dale; Runyan, Michael; Salomon, Arthur; Sancaktar, Selim; Schroeder, John A; Smith, Curtis; Stamatelatos, Michael G.; Tetter, Keith; Vaughn, Stephen; Wierman, Thomas E ; Wong, See-Meng; Wood, Jeffery; Wood, Ted; Zoulis, Antonios
Subject: Agenda and Phone Bridge for CCF Workshop (3/22 - 3/24)

The attached file is the agenda of the CCF workshop.

If you are not available to travel to Rockville, you may join the meeting via the telephone. The information about the phone bridge:

phone number: 800-619-0549

pass code: (b)(6)

Pattern: Tue/Wed/Thu Weekly at 08:30 AM ET

Stop Date: MAR-24-2011 11:59 PM ET

In case, if you have problem to call in, you may contact me @ (b)(6)

Song-Hua Shen, Ph.D., PE.
Sr. Reliability & Risk Analyst
U.S. Nuclear Regulatory Commission
RES/DRA/PRB
301-251-7571
MIS: CSB-4A07M
Song-Hua.Shen@nrc.gov

Agenda for Common Cause Failure (CCF) Meeting March 22-24, 2011

USNRC, Church Street Building, Room HQ-CSB-06B01 (3/22 – 3/23)

USNRC, One White Flint Building, Room HQ-OWFN-04B06 (3/24)

Objective: Review the current CCF issues in methodologies, SPAR models, SAPHIRE, Data Collection, and Event Assessment and identify the short term and long term solutions for every identified problem.

March 22, HQ-CSB-06B01	
8:30 – 8:45	Welcome (Gary DeMoss)
8:45 – 9:00	Presentation: Draft NUREG - CCF in Event Evaluation (Dana Kelly)
9:00 – 12:00	Discussion: CCF in Event Assessment
12:00 – 13:30	Lunch
13:30 – 14:00	Presentation: Issues in CCF collected from previous meetings (Song Shen)
14:00 – 16:00	Brainstorm: Issues in current CCF methodology, data, SPAR models, and SAPHIRE
16:00 – 16:30	Wrap-up
March 23, HQ-CSB-06B01	
8:30 – 11:30	Discussion: Advanced Methodology and Enhancement in CCF Models
11:30 – 13:00	Lunch
13:00 – 16:00	Discussion: Advanced Methodology and Enhancement in CCF Data Collection
16:00 – 16:30	Wrap-up
March 22, HQ-OWFN-04B06	
8:30 – 11:30	Discussion: Short term and long term solutions of the issues in SPAR models and SAPHIRE
11:30 – 12:00	Wrap-up
12:00	Adjourn

From: Benton, Laray
To: Savoy, Joanne; Arroyo, Damaris; Cullingford, Michael; Gettys, Evelyn; Guzzetta, Ashley; Jardaneh, Mahmoud; Jervy, Richard; Kanney, Joseph; Kratchman, Jessica; Longmire, Pamela; Ortega-Luciano, Jonathan; Perin, Vanice; Rivera-Lugo, Richard; Rodriguez-Luccioni, Hector; Abrahams, Susan; Alvarado, Lydiana; Benson, Michael; Clement, Richard; Cruz, Luis; Dion, Jeanne; Gonzalez, Felix; Green, Brian; Hon, Andrew; Lee, Samuel; Li, Zhian; Lian, Jocelyn; ODriscoll, James; Shaffer, Vered; Tran, Tam; Wittick, Brian; Betancourt, Luis; Grobe, Jack; Trapp, James; "rclem97@yahoo.com"; Berrios, Ilka
Cc: Couret, Ivonne
Subject: RE: Montgomery County Science Fair
Date: Thursday, March 17, 2011 1:40:03 PM

Joanne,

Has it been decided yet who is judging which particular subject areas? I know that we were asked to identify which subject areas we were comfortable with, which I have, but I don't recall receiving anything back about which subject are that I would be assigned to. I just wanted to know ahead of time so that I can be prepared. Thanks.

LaRay J. Benton

United States Nuclear Regulatory Commission (NRC)
Office of Nuclear Reactor Regulation
Division of Risk Assessment
Accident Dose Branch (AADB)
(301) 415-1088

From: Savoy, Joanne *JDV*
Sent: Thursday, March 17, 2011 12:18 PM
To: Arroyo, Damaris; Benton, Laray; Cullingford, Michael; Gettys, Evelyn; Guzzetta, Ashley; Jardaneh, Mahmoud; Jervy, Richard; Kanney, Joseph; Kratchman, Jessica; Longmire, Pamela; Ortega-Luciano, Jonathan; Perin, Vanice; Rivera-Lugo, Richard; Rodriguez-Luccioni, Hector; Abrahams, Susan; Alvarado, Lydiana; Benson, Michael; Clement, Richard; Cruz, Luis; Dion, Jeanne; Gonzalez, Felix; Green, Brian; Hon, Andrew; Lee, Samuel; Li, Zhian; Lian, Jocelyn; ODriscoll, James; Savoy, Joanne; Shaffer, Vered; Tran, Tam; Wittick, Brian; Betancourt, Luis; Grobe, Jack; Trapp, James; "rclem97@yahoo.com"; Berrios, Ilka
Cc: Couret, Ivonne
Subject: Montgomery County Science Fair

Good Afternoon Montgomery County Science Fair Volunteers,
My name is Joanne Savoy, I am the new point of contact for the Science Fair on Saturday March 19, 2011. Please arrive to the Reckord Armory promptly by 11:00. There will be no parking permits available however you will be able to park next to the Armory. Attached is a map and some information about the science fair and lunch will be provided at the science fair.

Please let me know if you are unable to attend.

Please feel free to give me a call at (b)(6) if you have any questions. I look forward to seeing all of you there ☺

UPON ARRIVAL:

- You will find ample parking adjacent to the Reckord Armory since the University is on

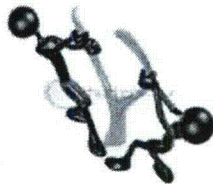
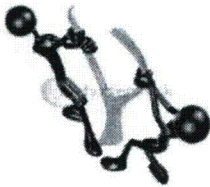
AE/70

Spring Break.

- Inside you will be greeted and directed to the Special Awards Judging table to check-in and be given an identifying nametag.
- **Joanne Savoy, OIP (cell: (b)(6))** will be in this area upon check-in to meet/greet you will forthcoming instructions on judging.
- There are usually snacks and beverages available for the judges.
- Judges will be given a scoring sheet; map with the highlighted selected projects by grade and specific location in the exhibition hall.

Joanne

Joanne M. Savoy
U.S Nuclear Regulatory Commission
Licensing Assistant
OIP/ECIO
Phone. 301-415-2333
Fax. 301-415-2400
Location. O4C6
Joanne.Savoy@nrc.gov



From: Rivera-Lugo, Richard
To: Case, Michael
Cc: West, Stephanie
Subject: Richie - (b) on Friday, March 18th
Date: Thursday, March 17, 2011 3:06:39 PM

Mike,

I almost forgot to tell you that a few weeks ago (before I started as acting TA) I requested in my branch to have tomorrow (3/18) off using (b)(6). I hope this is OK with you.

Stephanie - Please add to the DE calendar that I will be out of the office tomorrow.

However, should you need to contact me please feel free to call me at my cell phone, (b)(6)
(b)(6)

Richie

Richard Rivera-Lugo, EIT, MEM
Technical Assistant (Acting)
U.S. Nuclear Regulatory Commission – HQ
RES/DE
Ph. 301-251-7652
Fax 301-251-7420
Mail M.S. C5C07M
E-mail Richard.Rivera-Lugo@nrc.gov



Please consider the Environment before printing this e-mail.

AE/71

From: Focht, Eric
To: Rachel Vaucher; Csontos, Aladar; Prokofiev, Iouri; Rudland, David; Kirk, Mark; Norris, Wallace; Stevens, Gary; Kerr, Matthew; Malik, Shah; howard.rathburn@nrc.gov; Iyengar, Raj; Cumblidge, Stephen; Benson, Michael; Case, Michael; Hull, Amy; Carpenter, Gene; Harris, Charles; Nove, Carol
Subject: RE: French Breakfast in the 6th Floor Kitchen
Date: Friday, March 18, 2011 9:05:26 AM

Sometimes, there are definite disadvantages to working from home. It sounds delicious.

Thanks, Rachel. I wish you all the best for the remainder of your assignment here at the NRC.

-Eric

Eric Focht
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research (RES)
Division of Engineering (DE)
Office: (301) 251-7649
Cell: (b)(6)

From: Rachel Vaucher (b)(6)
Sent: Friday, March 18, 2011 9:00 AM
To: Csontos, Aladar; Prokofiev, Iouri; Rudland, David; Focht, Eric; Kirk, Mark; Norris, Wallace; Stevens, Gary; Kerr, Matthew; Malik, Shah; howard.rathburn@nrc.gov; Iyengar, Raj; Cumblidge, Stephen; Benson, Michael; Case, Michael; Hull, Amy; Carpenter, Gene; Harris, Charles; Nove, Carol
Subject: French Breakfast in the 6th Floor Kitchen

If you want to have a little flavor of a French breakfast, you can enjoy some pastries in the kitchen on the 6th floor.

It's just a way to thank you for welcoming me in RES for almost 6 months...

Rachel

Rachel Vaucher

RES/DE/CIB - ASN
CSB6 - C05
(301)-251-7981

(b)(6)

AE/72

From: ANS.HOC@nrc.gov
Subject: ACTION: Office Directors Briefing Notification
Date: Friday, March 18, 2011 9:10:35 AM

There will be an Office Directors Briefing given by the Executive Team at 9:30 AM EDT. Call (b)(6) approximately 5 minutes before the scheduled start time. When prompted, enter security code (b)(6). You may call 301-816-5164 at this time and follow the voice prompts if you do not wish to receive this notification from our Automatic Notification System.

AE/73

Murphy, Andrew

From: Pires, Jose
Sent: Friday, March 18, 2011 1:29 PM
To: Murphy, Andrew
Subject: RE: 1st accelerograms I've seen

Thanks, Jose.

From: Murphy, Andrew
Sent: Friday, March 18, 2011 1:28 PM
To: Pires, Jose
Subject: FW: 1st accelerograms I've seen

Part 1

Andy

From: Anooshehpoor, Rasool
Sent: Tuesday, March 15, 2011 8:46 AM
To: Murphy, Andrew
Subject: FW: 1st accelerograms I've seen

John Anderson sent me this file. I am forwarding it to you.

Rasool

From: John Anderson [mailto:(b)(6)]
Sent: Tuesday, March 15, 2011 4:38 AM
To: Anooshehpoor, Rasool; Anooshehpoor, Rasool
Subject: 1st accelerograms I've seen

fyi

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John G. Anderson

Nevada Seismological Laboratory
& Department of Geological Sciences and Engineering
MS 174
University of Nevada
Reno, Nevada 89557
Office: 775-784-1954
email: jga@unr.edu