

From: [Appignani, Peter](#)
To: [Siu, Carolyn](#)
Cc: [Coyne, Kevin](#); [Wood, Jeffery](#); [Kuritzky, Alan](#)
Subject: SPAR Models for Entergy
Date: Friday, March 18, 2011 9:22:28 AM
Attachments: [Entergy SPAR Model request 3-16-2011.docx](#)
[NRC-FORM-665S.pdf](#)

Carolyn

Please format and prepare concurrence package for attached.
I will provide a CD-ROM (the attachment) to you shortly.
Would you please put a label on the CD.

Thanks

Pete

AG/311

Mr. Deepak Rao
PSA Supervisor, M-ECH-36
Entergy Operations, Inc.
1340 Echelon Parkway
Jackson, MS 39213

Dear Mr. Rao:

In response to your email request, dated March 16, 2010, for the most recent version of the Standardized Plant Analysis Risk (SPAR) models for the Arkansas Nuclear One - Unit 1, Arkansas Nuclear One - Unit 2, Grand Gulf Nuclear Station, Unit 1, River Bend Station and Waterford Steam Electric Generating Station, Unit 3, please find enclosed a compact disk (CD). The CD contains the electronic files for the current version of the Revision 8.15 SPAR model. SAPHIRE software Version 8 is required to perform PRA analyses of the SPAR models. The SAPHIRE software can be obtained at the *NRC Reactor Safety Code User Information Exchange* web page <http://www.nrccodes.com>. Each of the SPAR model software packages are compressed self-extracting files that need to be downloaded to your computer and uncompressed before it can be used. Each SPAR model should be uncompressed in its own folder.

The SPAR model includes core damage risk resulting from general transients (including anticipated transients without scram), transients induced by loss of a vital alternating current or direct current bus, transients induced by a loss of cooling (service) water, loss-of-coolant accidents, and loss-of-offsite power. The SPAR models also use a standard set of event trees for each plant design class and standardized input data for initiating event frequencies, equipment performance, and human performance, although these input data may be modified to be more plant and event-specific, when needed. The system fault trees contained in the SPAR models are not as detailed as those contained in licensees' PRA models. A report that describes each SPAR model is contained in the DOC folder of each model.

Significant differences that exist between the SPAR model and licensee model that have not been resolved at this time are documented in the report. Significant modeling issues are prominently displayed to users of the SPAR model to make users aware of modeling and data related issues that must be considered when using the SPAR model to evaluate risk significance of issues. We note that a good working relationship was developed with the industry PRA community during resolution of Mitigating System Performance Index (MSPI) issues related to licensees' PRA's. In an effort to build on that working relationship, we are prepared to discuss significant differences between your PRA model and the associated SPAR model and work through those differences in the same manner we worked together to resolve the MSPI outlier issues.

CONTACT: Peter Appignani, RES/DRA
301-251-7608

These items are being provided only for your organization's use and are not to be distributed further without the written consent of the Nuclear Regulatory Commission. Due to the sensitivity of the information contained in the enclosures, they are not publicly available.

If you have questions about the SPAR models please contact Mr. Peter Appignani at (301) 251-7608 (e-mail address: peter.appignani@nrc.gov). Questions and suggestions may also be directed to Mr. Robert Buell of the Idaho National Laboratory (INL) at (208) 526-9400 (e-mail address: robert.buell@inl.gov).

If you have questions about SAPHIRE or would like to receive on-going technical support and your organization is not already a member, you are invited to join the SAPHIRE Users' Group. Dr. Jeffery Wood, NRC program manager for SAPHIRE, at (301) 251-7588 (e-mail address: jeffery.wood@nrc.gov) can provide more details about the group and the services offered.

Sincerely,

Kevin A. Coyne
Branch Chief
Probabilistic Risk Assessment Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission

Enclosures:
As stated

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If you have questions about the SPAR models please contact Mr. Peter Appignani at (301) 251-7608 (e-mail address: peter.appignani@nrc.gov). Questions and suggestions may also be directed to Mr. Robert Buell of the Idaho National Laboratory (INL) at (208) 526-9400 (e-mail address: robert.buell@inl.gov).

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Sincerely,

Kevin A. Coyne
Branch Chief
Probabilistic Risk Assessment Branch
Division of Risk Analysis
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission

Enclosures:
As stated

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OFFICE	RES/DRA/PRAB	BC: RES/DRA/PRAB
NAME	PAppignani	KCoyne
DATE	03/ /11	03/ /11

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Originated By: Peter Appignani Telephone: (301) 251-7608 Mail Stop: CSB-4-C07M LAN ID: PLA Date: 03/18/2011

Document No. _____
 Document Title or Accession No. Letter to Entergy transmitting Arkansas Nuclear One - Unit 1, Arkansas Nuclear One - Unit 2, Grand Gulf Nuclear Station, Unit 1, River Bend Station and Waterford Steam Electric Generating Station, Unit 3 version 8.15 SPAR Models

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From: [Kuritzky, Alan](#)
To: [Appignani, Peter](#); [Bone, Alysia](#); [Gonzalez, Michelle](#); [Helton, Donald](#); [Leschek, Walter](#); [Sancaktar, Selim](#); [Tobin, Margaret](#); [Wood, Jeffery](#)
Cc: [Coyne, Kevin](#)
Subject: RE: 3rd QTR APP Update Reminder
Date: Friday, March 18, 2011 9:26:39 AM
Importance: High

Jeff just brought up a good point. If you know of any new projects that you plan to start in FY 2011, but they are not currently in ROMA, please let me know how much FY 2011 funding you will need for those.

Thanks,
Alan

From: Kuritzky, Alan
Sent: Thursday, March 17, 2011 4:37 PM
To: Appignani, Peter; Bone, Alysia; Gonzalez, Michelle; Helton, Donald; Kuritzky, Alan; Leschek, Walter; Sancaktar, Selim; Tobin, Margaret; Wood, Jeffery
Cc: Coyne, Kevin
Subject: FW: 3rd QTR APP Update Reminder
Importance: High

Per the email below, please make sure your spending plans are updated in ROMA by next Tuesday (3/22). Also, pursuant to this morning's branch meeting, by tomorrow at noon, please provide me with the remaining of FY11 funds you need for each of your JCNs for the rest of this fiscal year. You can base these values on whatever is listed as the total FY11 amount in your 189s and **subtracting out any amounts that have already been committed**. If you know that the 189 is out-of-date or otherwise incorrect, then try to get an updated spending plan from the contractor, include this in ROMA with a note that it doesn't match the current 189 (and the reason why, e.g., the spending rate is significantly different than planned or a new mod is going to be issued this fiscal year), and use the updated numbers to come up with your estimate of remaining FY11 funds required.

For those of you who are out of the office and can't comply by tomorrow noon, please provide this info to me as soon as you can.

Thanks,
Alan

From: Littlejohn, Jennene
Sent: Thursday, March 17, 2011 11:21 AM
To: Kuritzky, Alan; Beasley, Benjamin; Coyne, Kevin; Demoss, Gary; Ott, William; Peters, Sean; Salley, MarkHenry
Cc: Coe, Doug
Subject: 3rd QTR APP Update Reminder
Importance: High

Good Morning BC's

This email is a follow up to Monday's DRA Management meeting, We are asking all of the branch chiefs to have their PM's update their spending plans NLT Tuesday March

AG/B/2

22,2011. We just received an email from PMDA indicating that we have a very short turn over with updating the APP. Chon and I will be meeting with each Branch Chief on Wednesday March 23,2011 to discuss their branches needs.

If you have any questions please feel free to contact Chon or Myself.

Thank you,

Jennene Littlejohn

Management Analyst

Office-301-251-7925

Fax-301-251-7434

jennene.littlejohn@nrc.gov

Our Truest Life is when we are in dreams awake.

From: [Balarabe, Sarah](#)
To: [Ruland, William](#)
Subject: Clifford did not answer blackberry or personal cell.
Date: Friday, March 18, 2011 9:29:56 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

AG/313

From: [Defense Systems](#)
To: [Leeds, Eric](#)
Subject: Talent Strategies and the Competitiveness of the US Aerospace and Defense Industry
Date: Friday, March 18, 2011 9:31:22 AM

Eric,

The retirement of baby boomer engineers, program and resource managers, and a range of other executives who were inspired by the Cold War and space race to enter the defense and aerospace industries has already begun and is expected to increase in the coming years. The competition for talent is expected to intensify. A paucity of engineers and other A&D managers entering the field in the 1980s and 1990s means few can step up to take the place of those who are retiring. The issue is not simplified by the fact that personnel have to be carefully vetted for security clearance, along with other challenges. In the face of these human resource challenges, how are US A&D firms adapting to cope in a global marketplace?

Webcast: [Talent Strategies and the Competitiveness of the US Aerospace and Defense Industry](#)

Date: April 28, 2011 at 2:00pm Eastern / 11:00 am Pacific

Join Defense Systems for this complimentary webcast as experts from Economist Intelligence Unit and Oracle will discuss and demonstrate:

- How employers can make the most of the employees they already have while creating an environment conducive to attracting new talent;
- How major A & D corporations are supporting the rise of a new generation of scientists and engineers, and
- How companies can strengthen their teams to be sure they have the essential resources needed to win big contracts.

Speakers:

James Watson, Consulting Editor, Economist Intelligence Unit

James has worked on a range of bespoke research programs, surveys and reports for the Economist Intelligence Unit's clients covering a variety of industry and management issues over the past 5 years. He is the author of numerous studies, including CEO Briefing and a major study on how companies operate in emerging markets. Prior to joining the Economist Intelligence Unit, James spent eight years working as a journalist and editor in the UK, Singapore and South Africa.

Stan S. Kuruvilla, Industry Strategist, Oracle Primavera

Stan focuses on helping aerospace and defense companies understand the value of Enterprise Project Portfolio Management (EPPM) solutions in managing programs and projects. Stan has over 14 years of experience in the technology industry, with a number of those years in consulting and development. Stan has been with Primavera since 2008.

REGISTER NOW!

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AG/314

This message has been sent to: eric.leeds@nrc.gov

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From: Nelson, Robert
To: Leeds, Eric; Boger, Bruce; Gitter, Joseph; Ruland, William
Cc: Howe, Allen; Markley, Michael
Subject: FYI: Comm Team SitRep
Date: Friday, March 18, 2011 9:33:04 AM

Got it. Right now RI is my biggest concern. We also have a number of Qs from RII to support their first EOC meeting on 3/24 @ Robinson.

Annie Kammerer has agreed to scrub her rather extensive draft seismic Q&A package to make it ready for OPA review. Annie works 3 - 11 so this effort probably won't conclude until Monday.

I only got my comm. team finalized late yesterday. We have a large number of Qs, not many As. We're still "learning the ropes" in many areas including leveraging and coordinating support from the Ops Center. I'm meeting with the comm. team later this AM to accelerate progress.

The Ops Center Liaison Team is already working on the response to the 50 mile Q. Markley is checking on status as I type this.

OEDO is apparently taking the lead for response to Congressional inquiries. No "greens" in this area forwarded to me yet.

Only one 2.206 so far (Saporito). My comm. team has FORAC.

Licensing action screening process is up and running thanks to the efforts of Harold Chernoff & his staff. Expect to process the first few today. Will keep you advised.

Received one FOIA request from the Associated Press seeking copies of all internal communications within the NRC (including the Chairman, four Commissioners and their staff members) pertaining to the Japanese Nuclear incidents caused by the March 11 earthquake and tsunami. This will impact many staff.

NELSON

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

From: Leeds, Eric
Sent: Thursday, March 17, 2011 6:06 PM
To: Nelson, Robert
Subject: FYI: EOC MEETINGS

See below for situational awareness.

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

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

From: Pederson, Cynthia
Sent: Thursday, March 17, 2011 10:13 AM
To: Dean, Bill; McCree, Victor; Leeds, Eric; Collins, Elmo; Satorius, Mark
Cc: Lew, David; Wert, Leonard; Howell, Art; West, Steven; Shear, Gary
Subject: RE: EOC MEETINGS

We are fortunate that we have a little more time than some of you in that our first "meetings" are April 5th and they are open houses. These locations (Monticello and Quad Cities) have had next to no local interest in the past though we expect some this year based on media questions coming in currently.

AG/315

We are planning to invite FEMA to at least some of our events. At this stage we are planning for PA support but are not planning on escalating management level of attendance. (Of course this could change as events unfold.)

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

From: Dean, Bill
Sent: Thursday, March 17, 2011 9:08 AM
To: McCree, Victor; Leeds, Eric; Collins, Elmo; Satorius, Mark
Cc: Lew, David; Wert, Leonard; Pederson, Cynthia; Howell, Art
Subject: Re: EOC MEETINGS

Sounds like we are considering similar augmentation tactics. Of course Dave and I have already divvied up VY and Ind pt sites and we are looking to up the participation level elsewhere. Agree that we are making progress in getting a solidified agency message together.

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

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

From: McCree, Victor
To: Dean, Bill; Leeds, Eric; Collins, Elmo; Satorius, Mark
Cc: Lew, David; Wert, Leonard; Pederson, Cynthia; Howell, Art
Sent: Thu Mar 17 05:28:20 2011
Subject: Re: EOC MEETINGS

Thanks Bill - I understand your concerns, particularly regarding TMI. In fact, during one of my meetings with staff on yesterday, there was a collective groan when I mentioned that TMI would be your first EOC plant.

As you know, I strongly encouraged the creation of Q&As to better prepare our folks for the meetings. Given the Q&As and the Chairman's testimony yesterday, I feel like we're in a sufficient position in Region II (where we have a couple of facilities that will attract passionate and engaging stakeholders) to move forward with our meetings, as currently scheduled. FYI, we plan to have the Director or Deputy Director DRP participate in all of our EOC meetings. Also, either I or Len will participate in our 3 BWR site EOC meetings.

Vic

This email is being sent from an NRC Blackberry device.

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

From: Dean, Bill
To: McCree, Victor; Leeds, Eric; Collins, Elmo; Satorius, Mark
Cc: Lew, David
Sent: Wed Mar 16 23:01:50 2011
Subject: RE: EOC MEETINGS

the downside is putting a branch chief, or even an SES manager in a position that they may not be comfortable being in, without adequate guidance/direction/information to provide a consistent and approved message. Until the chairman's testimony today, there has not been a single NRC representative interviewed in a televised media, and do we really want a branch chief to be that person. There is definitely a dichotomy between sites with high interest and what could be expected in terms of protests, media, intervenors, etc. and those that typically receive very little attention. I am suggesting that we ALL have a comfortable feeling that we are appropriately prepared for this evolution. My Branch Chiefs at this point do not feel prepared. Perhaps the recent release of information associated with today's testimony will help. I asked my team to make a decision by the end of week whether to postpone next thursday's TMI meeting. I think we can all appreciate the significance that site holds relative to the history of nuclear power and its clear juxtaposition to the events of the past few days.

Additionally, i have asked Eric if there could be materials developed that we all could use to help explain in layman's terms, what has transpired in Japan and he was going to outreach to RES which does well in preparing posters and other similar materials. Not unlike the agency's decision to delay the issuance of the Vermont Yankee license renewal to allow us to appropriately focus on the current events, i feel comfortable in using a similar rationale to delay our assessment meeting a week or so to give us time to be prepared and maybe have in hand some good pictorials that can help explain things.

i included dave lew in the email as he is acting for me the next few days.

From: McCree, Victor
Sent: Wednesday, March 16, 2011 10:33 PM
To: Leeds, Eric; Dean, Bill; Collins, Elmo; Satorius, Mark
Subject: EOC MEETINGS

Gents,

I've been reflecting on our abbreviated conversation today regarding the suggestion to delay the subject meetings. I was unsure where we left the matter..., but given that our EOC meetings are scheduled to begin in 1 week, I wanted to make sure that we're on the same page.

I considered the questions shown below and, after answering them, feel comfortable holding to the current EOC meeting schedule. However, there may be other questions and concerns that ought to be factored into the decision:

- (i) What is the downside(s) of holding the EOC meetings as scheduled?
- (ii) What, if any, messages would we send to stakeholders if we delay the meetings?
- (iii) If we delay the meetings, how long should we wait to reschedule them and/or what information should we possess before holding the meetings?

Your thoughts?

Vic

This email is being sent from an NRC Blackberry device.

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Friday, March 18, 2011 9:35 AM
To: Hudson, Daniel
Cc: Coyne, Kevin; Coe, Doug
Subject: budget stuff

Dan,

Kevin asked for:

"Please provide your inputs to Dan Hudson no later than 1:00 pm Friday. No need to get fancy with your input since Dan needs to add it to the "official" budget system – an email with your proposed cuts, priority level, and impacts listed by JCN will suffice."

I offer:

JCN	Scenario A Cut	Priority Level	Effects
N6632	-100,000	Medium	Work not to be done: Reduction in resources will defer maintenance and improvement of the operating experience collection and coding database and the LERSearch database. Training of new staff and documentation of the databases will also be deferred. The critical activities of collecting and coding data will be sustained. Impact statement: Deferral of these activities for up to a year should not have a critical affect on the use of the databases. However, the work cannot be delayed more than a year without detrimental effects on all risk related activities, including inspection support, MSPI, license amendment reviews, etc.
Y6679	-100,000	Low	Work not to be done: Reduction in resources will delay the evaluation of new generic issues. Impact statement: Delays will affect the timely resolution of generic issues which would slow the implementation of improvements to safety and affect public perception.

Let me know if you need additional explanation.

Ben

From: [Microsoft Exchange](#) on behalf of [West, Stephanie](#)
To: [Case, Michael](#)
Subject: Meeting Forward Notification: DE's Weekly Staff Meeting
Date: Monday, March 21, 2011 9:39:26 AM

Your meeting was forwarded

[West, Stephanie](#) has forwarded your meeting request to additional recipients.

Meeting

DE's Weekly Staff Meeting

Meeting Time

Monday, March 21, 2011 2:00 PM-3:00 PM.

Recipients

[Pires, Jose](#)

All times listed are in the following time zone: (GMT-05:00) Eastern Time (US & Canada)

Sent by Microsoft Exchange Server 2007

AG/317

Owen, Lucy

From: Fuller, Karla
Sent: Friday, March 18, 2011 9:52 AM
To: Collins, Elmo
Cc: Howell, Art; Owen, Lucy
Subject: RE: Leave

Disregard. I am here.
Karla

Karla D. Smith Fuller
Regional Counsel/
Differing Views Office Liaison
U.S. NRC, Region IV
612 E. Lamar Blvd.
#400
Arlington, TX 76011
817-860-8271(work)
817-276-4494(fax)
Karla.Fuller@nrc.gov

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From: Fuller, Karla
Sent: Friday, March 18, 2011 7:39 AM
To: Collins, Elmo
Cc: Howell, Art; Owen, Lucy; Tannenbaum, Anita
Subject: Leave

Elmo,

I was still coughing last night and I feel I need to take some sick leave and get some rest today. If I feel better, I would like to do some project based work at home. I know the ARB agendas will be issued electronically. I can read those and I would like to call in for the special meeting. I have both Citrix and an NRC blackberry from which to review work.

If I feel better (stop coughing), I will come into the office.

Karla

From: Appignani, Peter
To: Wood, Jeffery; Gonzalez, Michelle
Cc: Coyne, Kevin
Subject: RE: today's call
Date: Friday, March 18, 2011 9:55:07 AM

Me too

From: Wood, Jeffery
Sent: Friday, March 18, 2011 9:48 AM
To: Gonzalez, Michelle; Appignani, Peter
Cc: Coyne, Kevin
Subject: RE: today's call

Sure. That's fine by me.
-Jeff

From: Gonzalez, Michelle
Sent: Friday, March 18, 2011 9:36 AM
To: Wood, Jeffery; Appignani, Peter
Cc: Coyne, Kevin
Subject: today's call

I just talked to Fernando, and they (Fernando and Antonios) still want to be in the call. I made it clear that we will be keeping it short (1:30-2:00) due to the All Hands meeting, and they were ok with that.

MICHELLE M. GONZÁLEZ

Reliability and Risk Engineer
Office of Nuclear Regulatory Research
US Nuclear Regulatory Commission
301-251-7591

AG/319

From: Koshy, Thomas
To: Case, Michael; Ray, Sheila
Subject: FW: NIST meeting on Cable aging

When: Friday, March 18, 2011 10:00 AM-12:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-05C19-18p

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

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

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

From: Koshy, Thomas
Sent: Thursday, March 10, 2011 1:06 PM
To: Koshy, Thomas; Ray, Sheila
Subject: NIST meeting on Cable aging
When: Friday, March 18, 2011 10:00 AM-12:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-05C19-18p

AG/320

From: [Lui, Christiana](#)
To: [Coe, Doug](#)
Subject: FW: Emergency Parking Pass
Date: Friday, March 18, 2011 10:03:56 AM

Not sure if you've gotten this or if you'll need parking pass.

From: OST01 HOC
Sent: Friday, March 18, 2011 1:34 AM
To: OST02 HOC
Subject: Emergency Parking Pass

Please stop by the EST area (outside the ET) to receive your emergency parking pass. If you have a generic emergency parking pass, please bring it back and pick up your personalized one. If you have any questions you can email this address or ost02.hoc@nrc.gov.

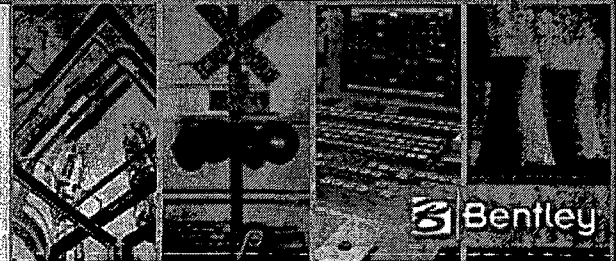
AG/321

Owen, Lucy

From: Bentley [reply-59269@mailings.bentley.com]
Sent: Friday, March 18, 2011 10:03 AM
To: Collins, Elmo
Subject: Best practices for engineering and operations information management

AssetWise

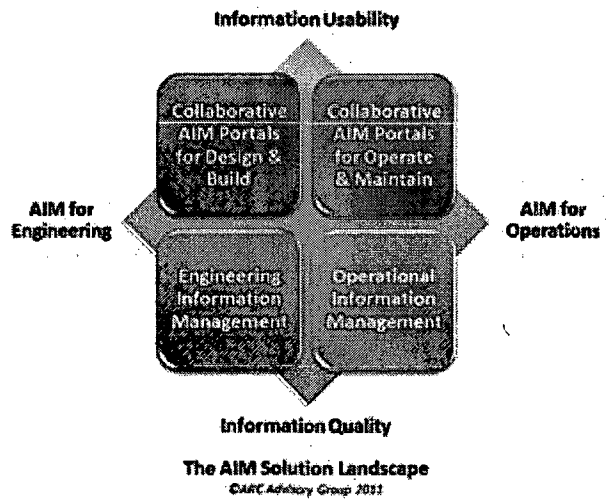
**ARC and Bentley present final installment
of Asset Information Management
seminar series**



AIM technology solutions must support the needs of both engineering and operations

Engineering doesn't end when an infrastructure facility or network is handed over to owner-operators. AIM technology solutions must manage the lifecycle of engineering asset information related to modifications and upgrades as well as operational asset information focused on supporting efforts to optimize asset performance.

Given the decades-long lifecycles of infrastructure assets, it's never too late to implement an AIM strategy. Bentley and ARC Advisory Group will conclude their AIM eSeminar series with an important presentation highlighting criteria that you need to consider as you develop or improve your asset information management strategy.



In the eSeminar, you will learn:

- Best practice metrics for evaluating AIM technology solutions
- What applications and technologies must be included in the scope of AIM
- How asset information requirements vary for engineering and operations



Who should attend?

Managers and practitioners responsible for operations and maintenance of infrastructure asset information, including CIOs, compliance officers, information architects, records/document control managers, configuration managers, design engineers, and asset portfolio managers.

Asset Information Management – AIM Technology Solutions	
Complimentary Live eSeminar: Date: March 30, 2011 Time: 8:00 a.m. PDT, 11:00 a.m. EDT Length: 1 hour	ARC Strategy Report Read the new corresponding strategy report written by Sid Snitkin, VP & GM Enterprise Advisory Services

Cost: Free



Forward to a friend

Bentley Systems, Incorporated is the leading company dedicated to providing comprehensive software solutions for the infrastructure that sustains our world.

ARC Advisory Group is the leading research and advisory firm for industry and infrastructure. For the complex business issues facing organizations today, ARC analysts and consultants have the industry knowledge and firsthand experience to help clients get the best value from technology investments.

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Beasley, Benjamin

From: Beasley, Benjamin
Sent: Friday, March 18, 2011 10:16 AM
To: Coe, Doug; Demoss, Gary
Subject: FW: Change of Product title in the budget

FYI

From: Spencer, Ruth
Sent: Friday, March 18, 2011 9:52 AM
To: Hudson, Daniel; Rini, Brett; Rivera-Lugo, Richard; Armstrong, Kenneth; Ibarra, Jose
Cc: Beasley, Benjamin; Schofer, Maria; Stout, Kathleen; Grancorvitz, Teresa
Subject: Change of Product title in the budget

All – some of you are aware that OCFO determined that the Product name “Operating Experience” was too close to sounding like some non-research Products in the budget structure.

This Product is being re-named to:

Operational Events Analysis

The change will happen in FY 2012 (not the current year). But you’ll see it in budget formulation space.

I don’t want to check out the formulation spreadsheet to make this change while you guys are doing Scenario A input, but I will change it next week.

Teresa, this probably needs to be mentioned at the next MA meeting, too.

Thanks,
Ruth

Ruth Spencer, NRC/RES
Mailstop C6-D20M, Washington, DC 20555-0001
Phone 301 251 7921 FAX 301 251 7426
eMail: Ruth.Spencer@NRC.GOV
Office Location: C06-D19



From: [Case, Michael](#)
To: [Oberson, Greg](#)
Subject: script
Date: Friday, March 18, 2011 10:17:00 AM
Attachments: [Materails briefing script final.docx](#)

AG/B24

(Slide 1) Materials Research Programs

Good morning.

I'm here today to discuss the NRC's materials research program focusing on activities related to extended periods of reactor operation. This is a timely topic as a majority of the U.S. reactor fleet has submitted applications for a first 20-year license renewal, and there is active consideration in the industry for pursuing a second license renewal allowing operations from 60 to 80 years.

Before discussing extended reactor operation specifically, I would like to mention that the highest priority for the Office of Nuclear Regulatory Research is to provide technical support to the program offices for the oversight of current licensees. Much of our present materials research is conducted to address issues in operating reactors for the Office of Nuclear Reactor Regulation, some of which was discussed in the previous presentations. We also support the Office of New Reactors, most notably in the area of advanced reactors, and the Office of Nuclear Material Safety and Safeguards, most recently on technical issues associated with spent fuel storage. We are also working with NMSS on the revision to the waste confidence rule and the technical basis for extended spent fuel storage and transportation.

In my presentation today, I will briefly highlight some of our current materials research areas because nearly all of our work that supports current issues at operating reactors is relevant to long-term operations as well. The effective management of current materials degradation issues will be critical to ensuring safety in the extended operating periods. Furthermore, I will describe for you some of our targeted research activities to systematically and effectively identify and evaluate unique materials degradation issues that may arise during the extended operating periods, but have not been observed in plants to date.

(Slide 2) Materials Research: Ongoing Programs

The NRC's material research program provides our partners in the program office the technical advice, tools, and basis to support them in identifying and resolving potential safety issues, making regulatory decisions, issuing regulations, and developing regulatory guidance. We invest approximately \$12M per year in our research program that is almost completely user need driven. A user need is a specific, written, assistance request from our program office colleagues to provide research support for particular safety, regulatory, or technical problem. The materials research program currently involves about a dozen user needs covering over 50 specific tasks. When appropriate, we coordinate our activities internationally or with industry to ensure the most effective and efficient use of resources. Some of our more important areas of ongoing materials research are listed on the slide. Our products are typically technical evaluation reports for the program offices, NUREG series documents, or the documents that establish the technical basis for changes to our regulatory infrastructure. For example, our work in the reactor pressure vessel integrity area became the technical basis for 10 CFR 50.61a, Alternate Fracture Toughness Requirements for Protection against Pressurized Thermal Shock events. Our work in non destructive examination influences the development of the ASME Code and ASME Code cases that are eventually incorporated by reference into our regulations.

Since you have heard from John and Brian about many of the current issues in these ongoing areas, I wanted to pick just one project to illustrate some of the innovative work being done in these areas.

The Extremely Low Probability of Rupture or xLPR project responds to an NRR request for assistance in updating the current leak-before-break evaluation procedures detailed in the staff's Standard Review Plan. These evaluations are currently conducted using a conservative deterministic approach to assure that the likelihood of Reactor Coolant System primary piping ruptures is extremely low. The goal of xLPR is to use best estimate models that properly account for uncertainties to quantitatively evaluate the effect of active degradation mechanisms, inservice inspection protocols, and associated mitigation activities to provide a more direct assessment of compliance with the probabilistic acceptance criteria in General Design Criteria

4. The tool will be sufficiently adaptable to permit analyses of a variety of inservice conditions and accommodate evolving and improving knowledge as well as additional degradation modes. Important stakeholders such as the Electric Power Research Institute, the international community, and the Advisory Committee for Reactor Safeguards are appropriately involved in its development. Several national labs are also under contract to support the project. The xLPR Pilot Study completed on-schedule late last year. A briefing to ACRS on this Pilot Study is currently scheduled for September 2011 and Version 2 of the xLPR modular code tool is expected in 2013.

(Slide 3) **Current Focus Areas**

One of the principal attributes of a vibrant materials program from a safety perspective is to never become complacent in addressing potential safety issues posed by materials challenges. I think you have heard in both John's and Brian's presentations a robust approach to many of these issues. In collaboration with them, our research projects have provided key information to help them assess the scope and depth of potential safety issues associated with these challenges. Among these projects are:

Our investigation of containment liner degradation, which has specifically identified the conditions necessary for the initiation of corrosion at the interface between the liner and the concrete. Our work will help NRR recognize if similar conditions could occur at other plants and ascertain if there are specific vulnerabilities associated with particular containment designs. NRR will also use the findings to determine if an update in review guidance documents such as Generic Aging Lessons Learned report is warranted or if any regulatory action is required.

- With respect to high-density polyethylene piping, we are conducting confirmatory research for both NRR and the Office of New Reactors to assess the service life, design, fabrication, and inspection requirements for the generic use of HDPE piping. Our information and insights are helping to build a robust technical position in ASME's consideration of a revised Code Case concerning HDPE as well as supporting NRO in their consideration of a topical report concerning the application of HDPE piping.
- In our assessment of neutron absorber degradation in spent fuel pools, we are developing a catalogue of plants' current use of neutron absorbers and will be evaluating the efficacy of current surveillance programs.

Once again, I think a short example will help to illustrate the close collaboration between RES and the licensing offices and the high safety ethic by which we consider these material degradation challenges. A particular emerging issue that drew attention in the past year involved the identification of cracking in the replacement vessel head at Davis Besse. Following degradation of the vessel head in 2002 caused by leakage of boric acid, the licensee replaced the degraded head with an identical head from a cancelled plant until a new head could be

fabricated from a more corrosion resistant material. During a scheduled refueling outage in spring 2010, the licensee noted flaw indications on a number of control rod drive mechanism penetrations as well as evidence of boric acid leakage. The Region III inspection staff, supported by NRR, led the agency's evaluation of the licensee's corrective actions. In support of their efforts, the Office of Research provided expedited technical support to NRR and Region 3 staff by conducting confirmatory analyses of the licensee's non-destructive examination findings, and performing several component integrity calculations. More importantly for us, we were able to provide that support with our own in-house staff thus lessening our reliance on contractors for this real time support work and improving our responsiveness. Finally, at the request of NRR, we are in the process of confirming some of the underlying assumptions in our regulatory decisions by conducting crack growth rate tests on actual samples from the degraded Davis Besse reactor vessel head material. We have just completed decontamination and machining of those samples and expect the testing results and analyses to be completed by the end of March.

(Slide 4) Extending Research to Long Term Operation

While the research programs described to this point have primarily been initiated in response to materials degradation issues identified in currently operating reactors, the consideration of extended reactor operations may necessitate a broader scope of activities. In particular, the effects of long-term exposure of reactor materials to high temperature, pressure, chemically corrosive conditions, and radiation fields must be evaluated. These conditions may increase the susceptibility of materials to the types of degradation already observed in operating reactors. In such cases, the scope of research programs already in place may need to be expanded to consider the conditions of extended service. For instance, a project investigating the irradiation embrittlement of reactor internals may need to evaluate doses expected over 80 years of operation rather than 40 or 60 years.

Because there is a lack of operating experience for power reactors in service beyond 60 years, there is a possibility that new materials degradation issues will arise that are not yet observed in the reactor fleet. To ensure continued safe operations, we must methodically identify and evaluate such potential degradation phenomena. In some cases, new exploratory or confirmatory research programs may be warranted. As will be discussed in the subsequent slides, efforts are underway to identify these issues and to assess the impact for reactor operations beyond 60 years.

(Slide 5) Identification of Materials Degradation Issues for Extended Operation

Working in collaboration with the Division of License Renewal through the user need process, our first area of focus was to begin the systematic identification of potential material degradation issues for extended operation. First, we assessed the integration of the results of the Proactive Materials Degradation Assessment or PMDA into the Generic Aging Lessons Learned or GALL Report used for license renewal. The PMDA was conducted between 2004 and 2006 using an eight-member expert panel. Relying on operating experience as well as laboratory and analytical data, the experts identified materials degradation issues that could affect the primary system pressure boundary components in the first 40 year operating period. For each component, the panelists ranked potential degradation issues, such as stress corrosion cracking and fatigue, by the degree of susceptibility and level of knowledge associated with the degradation mechanism. The results of the Proactive Materials Degradation Assessment are documented in NUREG/CR-6923. Under a 2010 NRR user need, RES staff has identified a discrete subset of materials degradation issues that were not addressed in the Generic Aging Lessons Learned Report. The staff is currently working on the disposition of these remaining few issues.

In order to assess potential issues for extended operation, the staff has recently initiated an Expanded Materials Degradation Assessment, using a process similar to the PMDA, but looking at a broader range of materials aging issues. Specifically, the Expanded Materials Degradation Assessment will explore systems and components beyond the primary pressure boundary such as secondary side systems, concrete structures, and electrical components. Further, in anticipation of extended reactor operations, the Expanded Materials Degradation Assessment will reassess primary pressure boundary components for up to 80 years of service. The Expanded Materials Degradation Assessment final report is expected by the end of 2011.

Because the oldest plants have just recently entered the renewed license operating period, there is limited operating experience information specifically related to component and material degradation within the period of extended operation. Licensees with renewed licenses have committed to aging management programs consistent with the GALL Report or other plant specific aging management programs. Since there are no license requirements for submittal of results to the NRC, the staff cannot easily gather results of inspections or monitoring that

licensees have performed in support of license renewal. We are commencing an activity this year, perhaps in collaboration with industry or through on site audits, to gather this type of information. Operating experience information will be important to inform our regulatory decisions on the appropriateness of existing monitoring or inspection requirements and potential areas for additional research concerning periods of longer-term operation.

(Slide 6) Identification of Materials Degradation Issues for Extended Operation

One objective of our work on issues for extended operation is to conduct it in the most efficient and effective manner that we can. NRC is certainly not the only organization concerned with extended reactor operations. As you have heard previously, the industry and the Department of Energy have active research programs to consider the feasibility of operations beyond 60 years. Likewise, countries around the world are facing the challenges of aging reactor fleets. The mutual need to address materials degradation issues associated with long-term operations provides the impetus for collaborative research, thereby allowing NRC to leverage limited resources and to benefit from sharing valuable knowledge with domestic and international partners. To this end, staff has entered into memoranda of understanding with the Department of Energy and the Electric Power Research Institute to collaborate on various activities such as the Expanded Materials Degradation Assessment, mentioned earlier, and a recent Workshop on U.S. Nuclear Power Plant Life Extension Research and Development held last week in Washington DC. The workshop brought together many stakeholders from NRC, DOE, industry, and the public to discuss regulatory and technical issues associated with long-term reactor operations.

Internationally, the staff is working towards the establishment of the International Forum for Reactor Aging Management to bring together interested parties from around the world to collaborate on important research activities. The kickoff meeting for International Forum for Reactor Aging Management is planned for August, 2011. Further, NRC and the Department of Energy have agreed to co-host an International Atomic Energy Agency Symposium on Plant Life Management in 2012, the third such conference that follows up previous conferences held in Europe and Asia. The staff intends to develop for NRR an annual summary of international collaborative research results highlighting any newly identified technical issues that should be considered in the license renewal process.

One of the most effective means to develop testing data to better understand aging issues for the period of extended operation is to use real plant materials that have been exposed to the radiation and environmental conditions during plant operation. Therefore, one of our most important activities in the coming years will be recovery of selective materials and components from decommissioned nuclear power plants. The materials will provide invaluable insights for materials aging effects that are difficult to replicate using simulated laboratory conditions. For

instance, it takes many years of test reactor irradiation to simulate the fluences that are expected for the reactor pressure vessel and internals beyond 60 years of operation. The analysis of prototypical materials would also increase confidence in the use of accelerated testing to simulate aging effects. The Office of Research is working with industry and the Department of Energy to harvest materials from the Zorita plant in Spain and the Zion plant domestically. Materials of particular interest include reactor pressure vessel and vessel internals, as well as cables.

(Slide 7) Potential Technical Challenges for Extended Operations

In its Expanded Materials Degradation Assessment, the staff is developing detailed focus areas for potential research on issues associated with long term operation. The areas listed on the slide are generally thought to be the important areas for the extended operating period.

As mentioned earlier, long-term irradiation may lead to embrittlement of the reactor pressure vessel and reactor internal components. Embrittlement may, in fact, be the life-limiting factor for these components. Maintaining the structural integrity of the reactor pressure vessel is important to reactor safety during routine operations and postulated accident scenarios such as pressurized thermal shock. With respect to reactor pressure vessel issues, our research is culminating in an updated regulatory guide and a series of technical basis documents to revise our regulatory infrastructure. The technical bases to support changes to our regulations concerning reactor vessel materials issues such as radiation embrittlement and surveillance capsule testing have been transmitted to NRR along with an updated regulatory guide on radiation embrittlement. A third technical basis document on fracture toughness requirements is planned for submittal to NRR by April. All these products support rulemaking changes that are expected to be in place by 2013. However, additional data and modeling are needed to assess and possibly develop regulatory guidance regarding embrittlement beyond 60 years of operation.

With regard to reactor vessel internals, the austenitic stainless steels that comprise the majority of the internal components are irradiated during reactor operations. The radiation can change their microstructure and increase the susceptibility to cracking. Our current research is supporting NRR's regulatory decisions related to reactor internals such as its safety evaluation of EPRI's topical report on developing the inspection program for Pressurized Water Reactor (PWR) reactor internals. Ongoing research is investigating various aspects of irradiation-induced degradation, including the threshold dose above which irradiation affects materials properties and the adequacy of available crack growth rate data.

Electrical cables are critical for providing the power for operating safety-related equipment and to transmitting signals among controllers used to perform safety operations. Some cables are exposed to moisture, high temperatures, and radiation fields, conditions that have contributed to

the failure of some cables in operating reactors. A small group of cables are expected to remain operational during and following a design basis event. Research is ongoing to evaluate long-term cable performance and to assess monitoring techniques which attempt to detect unacceptable levels of cable degradation.

For extended periods of reactor operations, the combined effects of prolonged exposure of concrete to elevated temperatures and radiation facilitate chemical interactions that may compromise concrete integrity. In support of advanced reactor activities, the staff has recently completed a NUREG Report (NUREG/CR-7031) that examined the effects of high temperatures and began to explore the effects of radiation fluence on concrete performance. While this work was done in support of advanced reactors, some findings may be applicable to the current fleet and can help us understand potential issues for long term operation. Future work is planned to assess monitoring technologies for concrete structures as part of Research's Long Term Research Plan.

(Slide 8) **Conclusion**

Thank you for the opportunity to brief you on aspects of our Materials Research Program. I hope you gained an appreciation of how the program is focused on directly supporting operating reactor issues, how this research is starting to inform our consideration of issues associated with extended operation and how we are beginning to systematically and effectively evaluate potential challenges that are unique to extended operation.

From: [Tannenbaum, Anita](#)
To: [Virgilio, Martin](#)
Subject: Out of Office: Open Door Policy
Date: Friday, March 18, 2011 10:17:27 AM

Anita will be out of the office from March 18 until April 4. I will reply to e-mails when I return. If you need immediate attention - please call Lucy Owen X227. Thanks and have a great day.

AG/325

From: Sheron, Brian
To: Coe, Doug; Coyne, Kevin; Case, Michael; Richards, Stuart
Cc: Uhle, Jennifer
Subject: FW: Meeting Request Follow Up
Date: Friday, March 18, 2011 10:18:14 PM

See e-mail string below. Who do we have that can support NRR on this? I can't open the link to the report because I'm on web mail. It sound like it is GI-199 related.

From: Dean, Bill
Sent: Friday, March 18, 2011 7:33 PM
To: Wittick, Brian; Leeds, Eric; Andersen, James
Cc: Muessele, Mary; Lew, David; Grobe, Jack; Boger, Bruce; Sheron, Brian; Uhle, Jennifer
Subject: Re: Meeting Request Follow Up

I believe RES assistance may be appropriate for this given the GI-199 subject matter.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Wittick, Brian
To: Leeds, Eric; Andersen, James
Cc: Muessele, Mary; Lew, David; Dean, Bill; Grobe, Jack; Boger, Bruce
Sent: Fri Mar 18 18:21:58 2011
Subject: RE: Meeting Request Follow Up

Eric,

I just spoke to Hipschman. Apparently the core of their interest is the following report.

http://adamswebsearch2.nrc.gov/idmws/DocContent.dll?library=PU_ADAMS^pbntad01&LogonID=76b41771c7675f39f80edfad53e3cf59&id=102500110
Let me call the state POC and get back to you.

VR
Brian

From: Leeds, Eric
Sent: Friday, March 18, 2011 6:21 PM
To: Andersen, James
Cc: Wittick, Brian; Muessele, Mary; Lew, David; Dean, Bill; Grobe, Jack; Boger, Bruce
Subject: RE: Meeting Request Follow Up

Jim –

Happy to help. Is this a telecom, or a meeting here, or a meeting there? Who am I briefing and on what?

Since its NY, do we want to bring RI along with us?

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

From: Andersen, James

AG/326

Sent: Friday, March 18, 2011 5:50 PM
To: Leeds, Eric
Cc: Wittick, Brian; Muesle, Mary; Lew, David; Dean, Bill; Grobe, Jack; Boger, Bruce
Subject: RE: Meeting Request Follow Up

Eric, are you or another senior manager in NRR available next week to meet with the individuals from New York?

Jim A.

From: Hipschman, Thomas
Sent: Friday, March 18, 2011 4:29 PM
To: Andersen, James; Leeds, Eric
Cc: Wittick, Brian
Subject: FW: Meeting Request Follow Up

FYI – Haven't heard from Brian and didn't want to wait to pass this along to you.

Thomas Hipschman
Policy Advisor for Reactors
Office of Chairman Gregory B. Jaczko
301-415-1832

From: Thomas Hipschman
Sent: Friday, March 18, 2011 3:04 PM
To: Brian Wittick
Subject: FW: Meeting Request Follow Up

FYI – the Chairman has agreed that a senior manager from NRR should meet with them.

Thomas Hipschman
Policy Advisor for Reactors
Office of Chairman Gregory B. Jaczko
301-415-1832

From: Pace, Patti
Sent: Friday, March 18, 2011 1:48 PM
To: Hipschman, Thomas
Cc: Bradford, Anna; Batkin, Joshua; Coggins, Angela
Subject: FW: Meeting Request Follow Up

Hi Tom,

Anna asked me to forward this to you. Can you please work with NRR to make this happen? The folks from NY are eager to confirm something ASAP.

Thanks,

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

From: Hilary Jochmans [<mailto:Hilary.Jochmans@exec.ny.gov>]
Sent: Friday, March 18, 2011 1:42 PM
To: Pace, Patti
Cc: Thomas Congdon; Bradford, Anna; Warren, Roberta
Subject: RE: Meeting Request Follow Up

Thank you, Patti. I greatly appreciate your assistance. I certainly understand the constraints on the Chairman's time. We would appreciate a meeting with the Senior Staff you suggest on Tuesday in person. Please let me know what other information you need from me, and then who the staffer will be and when where.

Thanks again,
Hilary

From: Pace, Patti [<mailto:Patti.Pace@nrc.gov>]
Sent: Friday, March 18, 2011 1:37 PM
To: Hilary Jochmans
Cc: Thomas Congdon; Bradford, Anna; Warren, Roberta
Subject: Meeting Request Follow Up

Dear Hilary,

Chairman Jaczko will not be available for a face to face meeting next week due to his role in the ongoing NRC response to the situation in Japan. He values the very good relationship between the NRC and State of New York. He has offered to make himself available for a phone call next week if that would be acceptable to Lt. Governor Duffy. If the Lt. Governor would prefer to meet with a senior NRC staff person we could work on that as an alternative.

Please let me know how you would like to proceed.

Many thanks,

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

From: Hilary Jochmans [<mailto:Hilary.Jochmans@exec.ny.gov>]
Sent: Thursday, March 17, 2011 3:22 PM
To: Pace, Patti
Cc: Thomas Congdon
Subject: Follow up to Conversation

Hi Patti – It was great to chat with you. Glad to hear you are doing well. Thanks so much for your offer to help with this meeting request.

On Tuesday, the NYS Lt. Governor, Robert Duffy, NYS Director of Operations, Howard Glaser and NYS Deputy Secretary for Energy, Tom Congdon, would like to come to Washington to meet with the Chairman. Specifically, they would like to be briefed on the September 2010 NRC report including the status of the follow up review. If the Chairman is not available, they would like to meet with an appropriate Commissioner or senior staffer.

I greatly appreciate your assistance with this request. Please let me know if you need any additional information.

Thanks,
Hilary

Hilary F. Jochmans, Director
New York State Washington Office of the Governor
202-434-7100

From: ManageBetter.biz
To: [Virgilio, Martin](#)
Subject: Do more work, AND increase time for yourself on the job
Date: Friday, March 18, 2011 10:25:02 AM

webinars



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AG/327

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cservice@ragan.com

This message was sent to mjv@nrc.gov

pinguid...

From: [Schwarz, Sherry](#)
To: [Virgilio, Martin](#)
Subject: Out of Office: Briefing - Decommissioning funding workshop and NEI response
Date: Friday, March 18, 2011 10:26:19 AM

I will be out of the office Friday, March 18, 2011. If you need assistance regarding NRR's Front Office, please contact Shari Cohen at 415-1270 or Robin Ross at 415-1272.

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From: [Program on Negotiation](#)
To: [Leeds, Eric](#)
Subject: Friday Blast: Comic inside
Date: Friday, March 18, 2011 10:30:34 AM

[Having trouble viewing this email? View it in your browser.](#)



Friday, March 18, 2011



Making Credibility Your Strongest Asset

Michael Wheeler (MBA Class of 1952 Professor of Management Practice, Harvard Business School)

Credibility is an overlooked but powerful force in negotiations. In this article, the author describes three practical strategies for building your reputation and using it as a tool at the bargaining table.



Answer key to last week's Brain Teaser crossword puzzle:



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From: [Tobe, Celestia](#) on behalf of [Brown, Frederick](#)
To: [Westreich, Barry](#); [Ruland, William](#); [Collins, Timothy](#)
Subject: Regulatory Path

When: Friday, March 18, 2011 10:30 AM-11:30 AM (GMT-05:00) Eastern Time (US & Canada).
Where: O-7 E02

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

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

AG/330

Kauffman, John

From: Kauffman, John
Sent: Friday, March 18, 2011 10:35 AM
To: Beasley, Benjamin; Bensi, Michelle; Ibarra, Jose; Killian, Lauren; Lane, John; 'Mehdi Reisi Fard'; Perkins, Richard; Smith, April
Subject: Next MD 6.4 and TEC-O2 updates

All,

To help capture items to consider in the next updates of our guidance documents, I have created two files on the G:drive to capture comments. Please insert your suggestions directly, or send to me. Thanks. JVK

To access files, go to the GI Program folder, then the GI program update folder, then the MD 6.4 update folder

Files are named:

Items to be considered for the next TEC O2 update.docx
Items to be considered for the next (post 2009) MD update.docx

AG/331

From: [Zabel, Joseph](#)
To: [Flory, Shirley](#)
Subject: RE: I ADDED ANOTHER WEEKLY HIGHLIGHT AFTER YOU OKed THE FIRST ONE. Thanks - Shirley
Date: Friday, March 18, 2011 10:37:00 AM

Done!

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: Flory, Shirley
Sent: Thursday, March 17, 2011 5:36 PM
To: Zabel, Joseph
Cc: Veltri, Debra
Subject: I ADDED ANOTHER WEEKLY HIGHLIGHT AFTER YOU OKed THE FIRST ONE. Thanks - Shirley
Importance: High

AG/332

From: Dempsev, Heather
To: RES Distribution
Subject: Nominations for Employee of the Month due Tuesday, April 5th
Date: Friday, March 18, 2011 10:49:04 AM

Reminder!! Please submit your nominations for the Employee of the Month award for March 2011.

Nominations are due by April 5, 2011

The Employee of the Month (EOM) award is designed to allow employees to recognize their peers for accomplishments outside their normal responsibilities or beyond expectations in an especially competent manner.

Nominations will be reviewed by the RES Labor-Management Partnership Committee at its monthly meeting on generally the 2nd Thursday of each month. The employee selected for the EOM award will be formally recognized by RES management and has the following options available for compensation:

- 1) \$850.00 lump sum amount;
- 2) \$425.00 and 1 day time-off;
- 3) 2 days time-off

EOM selections will also be posted to the RES homepage.

Review the EOM nomination procedures, criteria, eligibility, and the EOM nomination form:
<http://www.internal.nrc.gov/RES/now/EOM/index.html>

Submit your nomination, by clicking once on "submit the nomination" at the bottom of the form.
Please remember to click only ONCE!

If you have questions or need additional information, please contact Heather Dempsev, HCCB, RES, by email or phone at 251-7666.

Thank you for your nominations!

AG/333

From: EUCI
To: Leeds, Eric
Subject: NQA-1 Certification Programs Webinar, April 29
Date: Friday, March 18, 2011 10:51:34 AM

NQA-1 Certification Programs



April 29, 2011 :: 12:00 - 1:30 PM Eastern Time

How does a company successfully design and implement an NQA-1 program to participate in nuclear projects?

This webinar will describe exactly what NQA-1 is, discuss its origins, and provide an explanation of the components of an NQA-1 program. It will also provide a road map for companies wanting to establish an NQA-1 program. We will then address how to evaluate the effectiveness of your NQA-1 program whether it is newly established or already in place.

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Topics Include

- Defining an NQA-1 program
- The origin of NQA-1
- Explaining NQA-1 program purpose
- Regulations applicable to NQA-1 programs
- Considerations of quality vs. safety vs. economics in a commercial nuclear environment
- Positives and negatives of the NQA-1 business decision
- Defining an effective road map for NQA-1 program implementation
- Elements of a typical project plan for implementing a NQA-1 program
- Necessary procedures for effectively evaluating an NQA-1 program

[Full Agenda](#)

Instructed By

Howard L. Sobel

Howard L. Sobel has significant expertise and knowledge of NQA-1, having been involved in the nuclear industry and, in particular, quality assurance programs for more than 30 years throughout his professional career. His quality assurance experience is from both the commercial nuclear power industry and US DOE activities at the national labs. He is the principal of his firm working with attorneys on complex issues involving nuclear power plants and other nuclear and non-nuclear facilities, including national labs that have had major upsets in their operations or construction.

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AG/334

From: [Schwarz, Sherry](#)
To: [Grobe, Jack](#)
Subject: Out of Office: MSO Project Status
Date: Friday, March 18, 2011 10:51:48 AM

I will be out of the office Friday, March 18, 2011. If you need assistance regarding NRR's Front Office, please contact Shari Cohen at 415-1270 or Robin Ross at 415-1272.

AG/335

From: [Craig, Jocelyn](#)
To: [Grobe, Jack](#)
Subject: Out of Office: MSO Project Status
Date: Friday, March 18, 2011 10:51:48 AM

I will be out of the office Friday, March 18, 2011 thru Tuesday, March 22, 2011 . If you need any assistance please see Meghan Creedon (301-415-2170) or Latoya Jones (301-415-1282) for assistance.

Thank you,
Jocelyn

AG/336

From: [Boger, Bruce](#)
To: [Grobe, Jack](#)
Subject: Out of Office: MSO Project Status
Date: Friday, March 18, 2011 10:51:49 AM

I will be out of the office until 3/21/2011. Please contact Robin Ross (301-415-1272) or the acting Deputy Director for Reactor Safety Programs, Allen Howe (301-415-1453), for assistance during my absence.

AG/337

From: ManageBetter.biz Insider [RaganNewsstand.7@reply.ms00.net]
Sent: Friday, March 18, 2011 10:52 AM
To: Collins, Elmo
Subject: Spurring procrastinators; Overcoming your shyness; Responding to harassment; and more ...

manageBetter.biz
Insider

your workplace survival guide



Motivational Manager
Probe the mindset behind employees' procrastination

The procrastination habit can be broken once you learn what's behind it. Ask the following questions to determine how to solve the problem...

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Leading for Results
Common harassment scenarios and responses

Sexual harassment can come in many different forms, each requiring a firm response in order to protect workers' rights and to avoid a lawsuit...

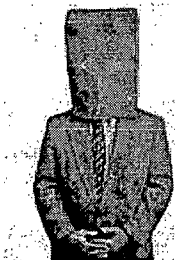
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Employee Recruitment and Retention
Help orientation programs succeed by eliminating daunting problems

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Communication Solutions
Try these techniques to overcome your shyness

Famous leaders are known for confidence and poise. Some of us, though, struggle with shyness when

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Managers Intelligence Report
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PowerPoint Presentation Tip for Spanish-Speaking Audience Members

I recently delivered a presentation skills training program to a group of urologists from Mexico, Central and South America - with the training conducted in New York. These physicians mostly present slides in Spanish, and they taught me a few...

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I'm Certain About Uncertainty

We all want the guarantee--our lovers will love us forever, our investments will increase in value, our jobs will last until we retire, our computers will never crash. If you are over the age of 15, you have come to learn there are no guarantees--your pa

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FEATURED BLOGGER:



K.J. McCorry is the CEO of Officiency Enterprises @ Inc., a professional productivity, efficiency and sustainability consulting company based out of Boulder, Colorado. K.J.'s work in office process simplification has been recognized locally and nationally in the New York Times , International Herald Tribune, Chicago Tribune, Real Simple, Better Homes & Gardens with TV and radio appearances on the Do It Yourself Network, The Peter Boyles Show, and World Talk Radio. She is also the author of Organize Your Work Day In No Time, released in April 2005 by Que Publishing. She is currently working on her second book on becoming a 'paperless' office.



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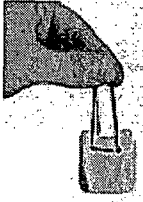
propel a

Conversations have subtle dynamics that affect their outcome...

Motivational Manager

Small gestures can be powerful

Think small. If you can't give workers a paid day off, then give them a free hour....



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This message was sent to eec@nrc.gov
pmsguid:1ao.jfbw.e36y

From: Coyne, Kevin
To: Scott, Michael
Cc: Dion, Jeanne; Gibson, Kathy; Santiago, Patricia; Coe, Doug; Correia, Richard
Subject: FW: Draft Q&A
Date: Friday, March 18, 2011 10:53:29 AM
Importance: High

Mike –

Please add the below Q&A to your list – to underscore this item, it came up in an interview this morning with OPA and Marty Stutzke.

Please let me know if you have any question or need more info –

Kevin

From: Hudson, Daniel
Sent: Friday, March 18, 2011 10:41 AM
To: Coyne, Kevin
Subject: Draft Q&A

Kevin,

How do you feel about the below Q&A?

Question:

Does the NRC intend to revisit previous risk studies?

Answer:

The last NRC-sponsored Level 3 probabilistic risk assessment (PRA) studies to estimate the integrated risk to the public from severe nuclear reactor accidents were conducted in the late 1980s with the results published in a collection of reports and a corresponding summary document, NUREG-1150, "Severe Accident Risks: An Assessment for Five U.S. Nuclear Power Plants." Based on advances in both nuclear power plant safety and PRA technology since NUREG-1150 was published, the NRC staff is considering conducting new Level 3 PRA studies to update its understanding of the integrated risk to the public from accidents involving nuclear power plant sites. The NRC staff is currently conducting a scoping study to develop various options for proceeding with Level 3 PRA activities, and plans to provide the Commission with these potential options and a specific recommendation for proceeding by July 2011.

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

AG/339

Zabel, Joseph

From: Gallalee, Trish
Sent: Friday, March 18, 2011 11:00 AM
To: Zabel, Joseph
Subject: Favor

Importance: High

Joe:

Could you save me a trip and retrieve my Adobe Acrobat disk (in a DVD style case) from my upper cabinet? I want to minimize my travel time.

Thanks,
Trish

AG/340

From: [Coyne, Kevin](#)
To: [Beasley, Benjamin](#)
Subject: RE: Hardened vent
Date: Friday, March 18, 2011 11:00:00 AM

Thanks Ben!

From: Beasley, Benjamin
Sent: Friday, March 18, 2011 10:14 AM
To: Coyne, Kevin
Subject: FW: Hardened vent

Kevin,

Just to let you know that we got back to Jeanne on the Eric Leeds material. We also noted for her that the Generic Letter number was wrong. It should be GL 89-16 not GL 89-10.

Ben

From: Lane, John
Sent: Friday, March 18, 2011 9:55 AM
To: Beasley, Benjamin; Dion, Jeanne
Subject: Hardened vent

Ben and Jeanne, I didn't find anything off about the discussion. I am providing an attachment that provides a little more background about LOOP and the early Mark I venting studies.

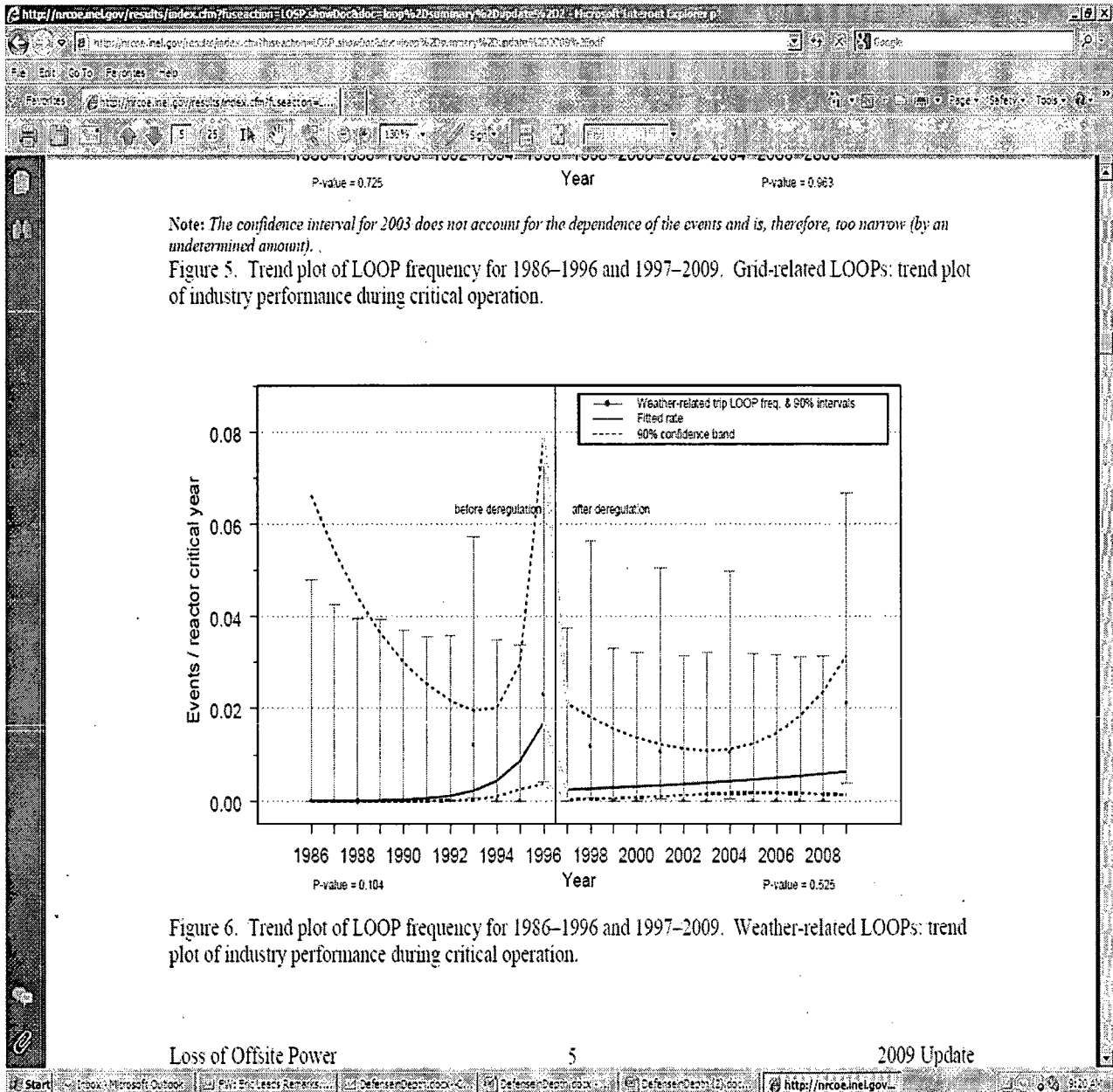
jcl

AG/341

1. Latest weather-related LOOP data for U.S. plants.

From our latest 2009 summary of Loss of Offsite Power Events:

<http://nrcoe.inel.gov/results/index.cfm?fuseaction=LOSP.showDoc&doc=loop%2Dsummary%2Dupdate%2D2009%2Epdf>, it looks like the incidence of occurrence of LOOP due to weather-related effects is not declining:



2. A study of the effectiveness of the hardened vent was performed by INL in 1989, "An Overview of BWR Mark-1 Containment Venting Risk Implications" NUREG/CR-5225 (I have a copy).

The report provides dose effects resulting from core melt sequences.

It was reported that the TW sequence, loss of loss of long term DHR, pressure in containment builds up slowly enough that the venting procedure would likely be effective in risk reduction provided core cooling was eventually brought on line:

"Higher TW core melt frequencies, typical of some Mark I plants, show the potential for 50-mile population doses in the thousands of man-rem per ry. Based upon questions about vital equipment performance, the safety of onsite personnel, and the ability to continue repair operations, a reliable hard pipe system makes good engineering sense." But, "procedures and equipment necessary to maintain an alternate vessel injection source during venting operations are needed."

From: [Federal Computer Week](#)
To: [Case, Michael](#)
Subject: Cloud Or No Cloud? When And How To Make The Decision
Date: Friday, March 18, 2011 11:01:26 AM



This Federal Computer Week Editorial Webcast is sponsored by CDW-G

It doesn't take a leap of faith to make cloud achievable



Attend the first editorial webcast in this three-part series on cloud computing titled **Making Cloud Achievable: To Cloud or Not To Cloud**

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SPEAKERS

Janice C. Haith
Director, Assessment and Compliance &
Chief Information Officer, Information

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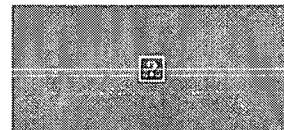
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Time: **2 pm (ET) / 11 am (PT)**

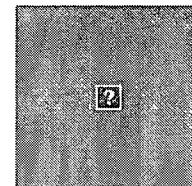
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March 29, 2011

"Making Cloud Achievable: To

AG/342



Dominance Directorate, U.S. Navy

Ms. Haith is responsible for all Chief Information Officer (CIO) matters related to Navy including Governance, Enterprise Architecture, ...[read more](#).

Allan Friedman

Fellow, Governance Studies, The Brookings Institution



Mr. Friedman is a fellow in Governance Studies, and research director of the Center for Technology Innovation at Brookings. His work spans the social sciences, public policy and computer science...[read more](#).

Moderator:

John Monroe, Editor, *FCW*



John has been covering the federal information technology community for 18 years, both as a reporter and editor.

Cloud or Not To Cloud

April: "Making Cloud Achievable: The Cloud Transition Checklist"
(We'll post more details about this webcast once available.)

May: "Making Cloud Achievable: Building the Cloud. Securing the Cloud"
(We'll post more details about this webcast once available.)

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From: Bentley
To: Leeds, Eric
Subject: Best practices for engineering and operations information management
Date: Friday, March 18, 2011 11:03:05 AM

NE



AIM technology solutions must support the needs of both engineering and operations

Engineering doesn't end when an infrastructure facility or network is handed over to owner-operators. AIM technology solutions must manage the lifecycle of engineering asset information related to modifications and upgrades as well as operational asset information focused on supporting efforts to optimize asset performance.

AIM Solution Landscape

Given the decades-long lifecycles of infrastructure assets, it's never too late to implement an AIM strategy. Bentley and ARC Advisory Group will conclude their AIM eSeminar series with an important presentation highlighting criteria that you need to consider as you develop or improve your asset information management strategy.



In the eSeminar, you will learn:

- Best practice metrics for evaluating AIM technology solutions
- What applications and technologies must be included in the scope of AIM
- How asset information requirements vary for engineering and operations



Who should attend?

Managers and practitioners responsible for operations and maintenance of infrastructure asset information, including CIOs, compliance officers, information architects, records/document control managers, configuration managers, design engineers, and asset portfolio managers.

Asset Information Management – AIM Technology Solutions	
Complimentary Live eSeminar: Date: March 30, 2011 Time: 8:00 a.m. PDT, 11:00 a.m. EDT Length: 1 hour Cost: Free	ARC Strategy Report Read the new corresponding strategy report written by Sid Snitkin, VP & GM Enterprise Advisory Services



AG/343

Forward to a friend

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From: [IDG Connect](#)
To: [Case, Michael](#)
Subject: Simplify Consolidation, Cut Costs, Avoid Threats & Improve Mobility
Date: Friday, March 18, 2011 11:03:49 AM



Data Centers: Simplify Consolidation

Servers: Reduce Implementation Costs

Cloud: Avoid Business Threats

Mobility: Bring your Own Devices

Welcome to your weekly Friday newsletter. This week we've got papers on simplifying consolidation, reducing server costs and avoiding threats with the cloud. Plus, you're invited to attend a web event on March 29th on mobile devices in the enterprise. You can **discuss** all the IT topics that interest you on the North American Roundup, a subgroup of the Global Roundup on LinkedIn.

Improve Data Center Consolidation

Increasingly organizations are using data center consolidation as a way of reducing costs, increasing operational efficiency and optimizing the utilization of data center resources. However, the path to effective data consolidation can prove challenging if it is not complemented with grid solutions. This paper reveals how grid computing can tackle the same issues as virtualization, but without compromising uptime and service delivery. **Download now** and learn more about improving data center consolidation.



Reduce Costs through Better Server Utilization

Maintaining data center agility is becoming critical in order to cope with economic pressures and changing business priorities. Data center virtualization and consolidation is a way of optimizing data center efficiency, **This paper** introduces innovative virtualization and consolidation technologies that can create substantial savings on investment in Sun servers.



Leverage Cloud Technologies to Avoid Threats

Although threats to network and information security have always existed, the complexity and scale of attacks have exploded in recent years. This paper assesses the current cyber threat environment and discusses the use of distributed cloud services as an effective means to protect against evolving, modern-day IT threats. **Read today** to discover actionable strategies for leveraging cloud security

AG/344

services to provide a robust layer of defense in an increasingly threatening internet environment.



Bring Your Own Mobile Devices to Work

Companies of all sizes are witnessing a transformation in the types of devices entering the workplace. Employees want the power to use their device of choice for work, whether a tablet, netbook or smartphone. IT leaders must respond by finding a way to manage the ever-changing landscape of consumer devices. **Register** to attend this webinar on March 29 at 2pm EDT to learn why BYO is right for your business, IT and most importantly, employees.



Kind regards

Kasey Cassells
e-Editor
IDG Connect

P.S: Don't forget to **tell us** your views on the LinkedIn group!

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From: [Balarabe, Sarah](#)
To: [Ruland, William](#)
Subject: FW: Voucher(Trip ID: LT-1178027) is pending your review.
Date: Friday, March 18, 2011 11:03:58 AM
Importance: High

Please approve when you get a chance!

From: etravelservices@carlson.com [mailto:etravelservices@carlson.com]
Sent: Wednesday, March 16, 2011 3:37 PM
To: Ruland, William; whr3@verizon.net; Balarabe, Sarah
Subject: Voucher(Trip ID: LT-1178027) is pending your review.

Dear WILLIAM RULAND,

Your travel arranger has completed your voucher and is now awaiting your review.

Trip ID : LT-1178027
Traveler : RULAND, WILLIAM
Voucher Dates : 2011-03-12 To 2011-03-12
Status : Pending Voucher Approval

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AG/345

Kauffman, John

From: Reisifard, Mehdi
Sent: Friday, March 18, 2011 11:04 AM
To: Kauffman, John
Subject: Weekly Report (03/14 - 03/18)
Attachments: MRF_WeeklyReport031411.docx

AG/B46

Mehdi Reisi-Fard
Weekly Report: 03/14 - 03/18

This week's activities:

- NUREG-0933 Technology Update: Participated in NUREG-0933 Business Analysis meetings.
- NOTE 5 issues: Completed a draft of the memo for administratively closing NOTE 5 issues. Received comments from Ben and made the changes. Prepared the memo for review by Doug Coe.
- Data.gov project: Continued working on the table.
- GI-193: Reviewed part of the Purdue test results, followed up on the status of the communications plan review by John L.
- LOW priority issues memo: Followed up on the status of the package that had been sent to Office Director for approval. Memo has been approved with two minor comments, which will be incorporated today or next week.

Next week's activities:

- Continue working on the table for Data.gov.
- Continue working on the NOTE 5 memo.
- CHU on Friday 03/25.

Kauffman, John

From: Bensji, Michelle
Sent: Friday, March 18, 2011 11:04 AM
To: Kauffman, John
Subject: RE: Reminder--OEGIB Weekly Activities Input due by noon tomorrow, Friday 3/18/2011. [eom]

Thanks,
Shelby

Last week activities

- Course: Westinghouse Technology Overview (R-104P) (Mon-Fri)
- Final touches on screening report related to flooding due to upstream dam failure

Next week activities

- Review common cause failure documents
- Attend Common Cause Failures Workshop

From: Kauffman, John
Sent: Thursday, March 17, 2011 11:52 AM
To: Bensji, Michelle; Criscione, Lawrence; Ibarra, Jose; Killian, Lauren; Lane, John; Reisifard, Mehdi; Perkins, Richard; Salomon, Arthur; Wegner, Mary
Subject: Reminder--OEGIB Weekly Activities Input due by noon tomorrow, Friday 3/18/2011. [eom]

AG/347

From: etravelservices@carlson.com
To: Grobe, Jack; Cohen, Shari; jagrobe@gmail.com
Subject: Your Travel Authorization has been approved - 2769645
Date: Friday, March 18, 2011 11:10:01 AM

Dear JOHN GROBE,

Your authorization has been approved and you are authorized to proceed with travel.

Access eTS and print a copy of your Approved Authorization before departure.
Per diem authorized at VIENNA, AUT

Trip ID : 2769645
Traveler : GROBE, JOHN
Destination: VIENNA, AUT
TDY Type : CONFERENCE ATTENDANCE
Purpose : CNS
Trip Dates : 2011-04-01 To 2011-04-15
Status : Pending Authorization Approval

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AG/348

From: etravelservices@carlson.com
To: [Borchardt, Bill](#); [Taylor, Renee](#)
Subject: Your Travel Authorization has been approved - 2785637
Date: Friday, March 18, 2011 11:11:21 AM

Dear RICHARD BORCHARDT,

Your authorization has been approved and you are authorized to proceed with travel.

Access eTS and print a copy of your Approved Authorization before departure.
Per diem authorized at VIENNA, AUT

Trip ID : 2785637
Traveler : BORCHARDT, RICHARD
Destination: VIENNA, AUT
TDY Type : INTERNATIONAL TRAVEL
Purpose : Attend Convention on Nuclear Safety
Trip Dates : 2011-04-01 To 2011-04-15
Status : Pending Authorization Approval

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AG1349

From: [West, Stephanie](#)
To: [RES DE](#)
Subject: Leaving for the day
Date: Friday, March 18, 2011 11:11:57 AM

Good Afternoon All,

I am leaving for the day. If you need immediate administrative assistance, Carolyn Siu has generously agreed to cover for DE this afternoon.

She can be reached via email at Carolyn.Siu@nrc.gov or by phone at 301-251-7568.

Stephanie West
Administrative Assistant, RES/DE
US Nuclear Regulatory Commission
ph: 301-251-7619
fax: 301-251-7425
stephanie.west@nrc.gov

AG/350

From: [EUCI](#)
To: [Lubinski, John](#)
Subject: NQA-1 Certification Programs Webinar, April 29
Date: Friday, March 18, 2011 11:20:04 AM

NQA-1 Certification Programs



April 29, 2011 :: 12:00 - 1:30 PM Eastern Time

How does a company successfully design and implement an NQA-1 program to participate in nuclear projects?

This webinar will describe exactly what NQA-1 is, discuss its origins, and provide an explanation of the components of an NQA-1 program. It will also provide a road map for companies wanting to establish an NQA-1 program. We will then address how to evaluate the effectiveness of your NQA-1 program whether it is newly established or already in place.

[PDF Brochure](#) | [Pricing and Registration](#)

Topics Include

- Defining an NQA-1 program
- The origin of NQA-1
- Explaining NQA-1 program purpose
- Regulations applicable to NQA-1 programs
- Considerations of quality vs. safety vs. economics in a commercial nuclear environment
- Positives and negatives of the NQA-1 business decision
- Defining an effective road map for NQA-1 program implementation
- Elements of a typical project plan for implementing a NQA-1 program
- Necessary procedures for effectively evaluating an NQA-1 program

[Full Agenda](#)

Instructed By

Howard L. Sobel

Howard L. Sobel has significant expertise and knowledge of NQA-1, having been involved in the nuclear industry and, in particular, quality assurance programs for more than 30 years throughout his professional career. His quality assurance experience is from both the commercial nuclear power industry and US DOE activities at the national labs. He is the principal of his firm working with attorneys on complex issues involving nuclear power plants and other nuclear and non-nuclear facilities, including national labs that have had major upsets in their operations or construction.

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Energize Weekly

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AG/351

From: Construction Advisor Today
To: Subard, William
Subject: Can Architects Be Neutral Arbiters Under the AIA Contract Documents?
Date: Friday, March 18, 2011 11:21:47 AM

Problems viewing this message, or on a mobile device? [Click here.](#)



March 18, 2011 - Weekly Update



From the Editor, Bruce Jervis, Esq.

Can Architects Be Neutral Arbiters Under the AIA Contract Documents?

The contract documents published by the American Institute of Architects are probably the most widely used private construction contract forms in this country. They assign a unique role to the project architect. Although retained by the project owner, the architect serves as the neutral arbiter of contractor compliance with the requirements of the contract.

The architect's approval, or certification, is required for many significant events: progress payments to the contractor; release of retainage to the contractor; acceptance of the contractor's work. But it is not just the contractor that is dependent on architect certification. It can also be a prerequisite to the project owner's exercise of its contractual rights . . . [read more.](#)

Featured in next week's *Construction Claims Advisor*.

- Short Listing Procedure Slapped by Pennsylvania High Court
- Court Addresses AIA Construction Manager Agreement
- Limited Liability Company Substituted for Sole Proprietor

Welcome to this week's Construction Advisor Today — Your weekly online news source featuring the latest updates and insight surrounding the construction industry: To access the website, visit: ConstructionAdvisorToday.com or [click here.](#)

Featured Events:

Contract Risk Management for Construction Project Delivery: Owner/Contractor/CM Practices that Lead to Success

Thursday, March 24, 2011 • 1:00 – 2:30 PM EDT

Owners / Design-Builders / Construction Managers — *Risk Management is Everyone's Business*

Learn what major construction companies already know — active risk management techniques increase management effectiveness and improve project performance. In this 90-minute interactive online webinar, construction expert Jean Hansen will help you understand how risk management techniques improve governance on construction projects, resulting in reduced mistakes and improved judgment calls. This interactive program will address the benefits of augmenting existing management programs used by the project parties during both pre-construction and construction phases. To register, [click here.](#)

Best Practices in Sustainability: Case Studies Focused on LEED for Existing Buildings: O+M

Thursday, March 31, 2011 • 1:00 - 2:30 PM EDT

Approved for 1.5 Hours of AIA Learning Units!

Managing a property while incorporating environmentally friendly practices can improve building performance, reduce costs, and create a better environment for tenants. According to a study by McGraw-Hill Construction, implementing green practices can result in a 7.5% increase in building value, and a 3.5% increase in occupancy rates. Attend this exclusive webinar presented by LEED expert **Barry Giles** as he provides strategies on how to implement a successful LEED program within your facility. For more details, [click here.](#)

Ryan Companies Integrates Construction Project Management Software from Meridian with BIM

The Ryan Companies U.S. Inc., a builder, designer, and real estate manager, is using building information modeling (BIM) in conjunction with Proliance software. Ryan is working with Horizontal Systems Inc., a Meridian Systems independent software vendor, to enable BIM data integration with its capital program management software system.

"Increasingly sophisticated technologies are improving our infrastructure life-cycle management processes and enabling us to leverage BIM in a much more powerful way," said Frank Sarno, Ryan's director of construction applications . . . [read more.](#)

ANSI Expands ICC-ES PMG/WaterSense Program Accreditation to Include High-Efficiency Showerheads

ICC Evaluation Service (ICC-ES) earlier this month announced that the American National Standards Institute (ANSI) Accreditation Committee has voted to expand its accreditation of the ICC-ES/WaterSense PMG Listing Program to include high-efficiency showerheads. Prior to this scope expansion, ICC-ES's ANSI accreditation included high-efficiency toilets, urinals, and lavatory faucets. Now, with the addition of showerheads, the ICC-ES/WaterSense program is comprehensive and includes a wider range of plumbing, mechanical, and fuel gas (PMG) products . . . [read more.](#)

[Click Here to Forward this News to a Colleague](#)

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AG/352

[Click here to unsubscribe](#)



From: Oberson, Greg
To: Case, Michael
Subject: RE: script
Date: Friday, March 18, 2011 11:23:23 AM

Thanks.

From: Case, Michael
Sent: Friday, March 18, 2011 10:17 AM
To: Oberson, Greg
Subject: script

AG/353

Owen, Lucy

From: Howell, Linda
Sent: Friday, March 18, 2011 11:26 AM
To: Collins, Elmo; Howell, Art; Kennedy, Kriss; Pruett, Troy; Vogel, Anton; Caniano, Roy; Cain, Chuck; Owen, Lucy
Subject: POC for RCB

I will be out of the office this afternoon and Ryan will serve as the POC for RCB. I am in the area and will be monitoring e-mail for items that you may be interested in. I'll continue to forward sitreps through the weekend and if something of potential interest appears in the briefings, I'll get hold of you. I'm available by cell phone and will continue to field IAT matters.

Owen, Lucy

From: Uselding, Lara
Sent: Friday, March 18, 2011 11:27 AM
To: Collins, Elmo
Subject: Re: Senators visit to Diablo and SONGS

Thanks- I've been in touch with both branches and am helping them prepare news clips with coordinating messaging for you.

Lara
Lara Uselding
NRC Region 4 Public Affairs
817-917-0321

From: Collins, Elmo
To: Uselding, Lara
Sent: Fri Mar 18 12:20:34 2011
Subject: FW: Senators visit to Diablo and SONGS

From: Collins, Elmo
Sent: Friday, March 18, 2011 11:02 AM
To: Hay, Michael
Cc: Owen, Lucy; Howell, Art; Miller, Geoffrey; Lantz, Ryan; Pruett, Troy; Powell, Amy
Subject: Senators visit to Diablo and SONGS

All

For communication and coordination, Amy Powell is the POC to use for this trip

Thanks

Elmo

From: [Chan, Deborah](#)
To: [RES Distribution](#)
Subject: PMDA Weekly Notes: 11-11
Date: Friday, March 18, 2011 11:34:15 AM
Attachments: [image007.png](#)
[image008.emz](#)
[image009.png](#)
[image010.png](#)
[image011.png](#)
[image012.png](#)

PMDA Weekly Notes: 11-11 (3/18/11)

Contact: Debbie Chan at 301-251-7466

None

;

RES Arriving Employees

Rich Correia, from NRR to DRA, 3/28/11

Kenn Miller, from NRR to DE/MEEB, 3/28/11

RES Departing Employees

None

Current RES Vacancies

None

March

Seismic Research at Lawrence Berkeley National Laboratory (LBNL)

Date: March 22

Time: 10:00 a.m. – 11:30 a.m.

Place: TWFN Auditorium

Presenters: Dr. Robert Budnitz, LBNL, Prof. Boris Jeremic, UC-Davis/LBNL,
Prof. Bozidar Stojadinovic, UC-Berkeley/LBNL, Ann Kammerer (DE)

AG/356

April

A Probabilistic Risk Assessment View of Consequential Steam Generator Tube Rupture

Date: April 19

Time: 10:00 a.m. – 11:30 a.m.

Place: TWFN Auditorium

Presenters: Selim Sancaktar (DE)

Chernobyl – 25th Anniversary Seminar

Date: April 26

Time: 9:30 a.m. – 11:30 a.m.

Place: TWFN Auditorium

Presenters: Introduction by Mike Weber, Deputy EDO for Materials, Waste, Research and State, Tribal and Compliance Programs and presentations by Frank Congel, Former Director, Division of Incident Response Operations, NSIR and Former Director, OE; and Brian Sheron, Director, RES

Microsoft Windows 7 and Office 2010 Migration Effort *NEW*

Software Testing Requirements

The Office of Information Services (OIS) will be migrating NRC workstations in FY 2012 to a new Microsoft Windows 7 platform w/ Office 2010. To ensure a smooth transition, OIS is requiring that all agency desktop applications, custom developed software, and any other commercial applications or add-ins that are currently in use on an NRC workstation be tested and approved through the Consolidated Test Facility (CTF) by no later than Friday, July 29, 2011. Any software that is not tested during this period will not be approved for use on the new Windows 7 platform.

OIS is offering two ways for staff to test their software. The CTF, located at White Flint in room T-5E32, has 5 workstations with Microsoft Windows 7 installed for staff to use and validate their software. OIS is also providing staff with a remote testing feature so they can perform their tests from their office computers.

Prior to conducting these tests, staff will be required to install their software on the Windows 7 platform provided.

All software testing conducted must be scheduled using scheduling software on the following OIS website: <http://portal.nrc.gov/edo/ois/icod/ddb/MSW7/default.aspx>

RES has also arranged to have someone from OIS meet with staff to answer any questions they may have about this effort. Those meetings are currently scheduled to occur on the

following dates.

Thursday, March 24, 2011

1-2pm (CSB 5-C19)

Tuesday, March 29, 2011

11am – 12:00pm (CSB 2-C19)

If you have further questions regarding this matter please contact the RES IT coordinator on 301.251.8498 or RESHelpDesk@nrc.gov.

Call Forwarding Instructions for Church Street

Call Forwarding is now available at the Church Street Building. The Call Forward feature is programmed and acts in the same way as the Off-Net Call Forward feature that is available in the other Headquarters locations. This feature allows a user to choose to reroute incoming calls to a telephone number that is internal or external to the agency telephone system. The RES staff is reminded that Management Directive 2.3, "Telecommunications," provides agency policy on the use of telephones.

Call Forwarding can only be activated or deactivated at the desktop telephone unit.

Call Forward Universal (CFU) Instructions

To activate Call Forward:

- Remove handset or press speaker to get dial-tone.
- Enter line feature code (*731) to deactivate any previous programming.

To forward your phone, please do the following:

- Enter *721, listen for dial tone, and then enter 9-XXX-XXX-XXXX. You must dial the "9" to complete the call to the external telephone number. To forward to an internal telephone number, enter 251-XXXX.
- Listen for stutter tone, and the number you dialed will ring. You may now hang up. Your call forwarding is active.

Be Aware: There is no visible or audible reminder that the phone forward feature is enabled. So, please remember to disable if you no longer wish to use it.

To deactivate Call Forward:

- Remove handset or press speaker to get dial-tone.
- Enter line feature code (*731) to deactivate any previous programming.
- Listen for a stutter tone. This will indicate your deactivation was successful.

NOTE: Every time you activate the Call Forward feature, you must enter *731 to ensure that you have removed all previous programming on your telephone number before proceeding to input the new CFU programming.

Please contact the RES help desk, ResHelpDesk.Resource@nrc.gov, for any assistance or contact Shane Rupinta, 301-251-7992.

Voice Mail Forwarding Instructions

This is the procedure to forward your voicemail messages to an alternate phone number(s).

1. Lift the handset off your phone or hit the SPKR (Speaker) button.
2. Press the voicemail button to connect to the voicemail system (301.881.1549) and when the system answers, type in your pin #
3. Select option 4 (Mailbox options)
4. Select option 4 (Notification Options)
5. Select option 3 (Activate message delivery options)
6. Select option 1 (Enable/disable option) enter in the phone number followed by the # sign

To deactivate this option repeat steps 1-6 but when executing step 6 select option 1 to disable the option.

Please contact the RES help desk, ResHelpDesk.Resource@nrc.gov, for any assistance or contact John Wucher, 301-251-7960.

FY11 Personally Identifiable Information (PII) Responsibilities Awareness and Acknowledgement of Understanding Course

The Office of Information Services (OIS) is pleased to announce the availability of the FY11 "Personally Identifiable Information (PII) Responsibilities Awareness and Acknowledgement of Understanding" course in iLearn <https://ilearnnrc.plateau.com/plateau/user/login.jsp> as of January 31, 2011. This course has been automatically assigned to your iLearn Learning Plan.

All employees and contractors must be aware of their responsibilities for protecting PII, understand the consequences for violation of these responsibilities, and acknowledge these understandings at least annually. The completion date for this required training is **June 30, 2011**.

When completing the training outside of headquarters, users should not use CITRIX to access iLearn as this may cause completion issues. Offsite users should navigate to the [iLearn Web site](#).

If you have any questions regarding completion of the training, please contact me via email deonna.purdie@nrc.gov or via phone 301-251-7470.

FY11 Annual Computer Security Awareness Course

All NRC computer users, to include federal employees, detailees, interns, and contractors, are required to complete this computer security awareness course annually. The completion date for this course is **August 15, 2011; however, each office must have a percentage of their users complete the course each quarter starting with 2nd quarter**. For more information about the course, [click here](#). The course has been automatically added to your learning plan. Go to [iLearn](#) to complete the course.

Market Research Course (Web-Based)

The new online Market Research course is now available in iLearn at <https://ilearnnrc.plateau.com/plateau/user/login.jsp>. This course replaces the Acquisition Institute's Market Research (CLC004) course and is required for Federal Acquisition Certification for Contracting Officer Technical Representatives (FAC-COTR) (i.e., RES Project Managers). To access the course, perform a "Search Catalog" in iLearn by entering "Market Research." The course will take approximately 1 hour to complete. The final exam is comprised of 10 questions, of which at least 8 must be answered correctly. You have unlimited attempts to obtain 80%, which is required to pass the course. NRC Project Managers assigned to active contracts must complete the additional training courses required for FAC-COTR and must be certified no later than **June 30, 2011**. Please contact Carolyn Cooper in Division of Contracts at 301-492-3605 if you have any questions or experience problems with the course.

None

ACTIONS

Attachment image008.emz (1191 Bytes) cannot be converted to PDF format.

PERSONNEL ACTIONS

UPCOMING EVENTS

REMINDERS

RECENT PMDA ANNOUNCEMENTS

From: [ManageBetter.biz Insider](#)
To: [Virgilio, Martin](#)
Subject: Spurring procrastinators; Overcoming your shyness; Responding to harassment; and more ...
Date: Friday, March 18, 2011 11:36:47 AM

 *Motivational Manager*

Probe the mindset behind employees' procrastination

The procrastination habit can be broken once you learn what's behind it. Ask the following questions to determine how to solve the problem...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

 *Leading for Results*

Common harassment scenarios and responses

Sexual harassment can come in many different forms, each requiring a firm response in order to protect workers' rights and to avoid a lawsuit....

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

 *Employee Recruitment and Retention*

Help orientation programs succeed by eliminating daunting problems

Orientation programs aren't just for the first days of a new hire's tenure. If you design and implement them properly, they'll have a long-term impact on your retention rates...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

 *Communication Solutions*

Try these techniques to overcome your shyness

Famous leaders are known for confidence and poise. Some of us, though, struggle with shyness when meeting new people. Work on mastering these skills...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

 *Managers Intelligence Report*

Good feedback avoids these pitfalls

When you need to give feedback to correct an employee's mistake or performance problem, steer away from these common errors...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

BLOGS

Efficiency

Work Life Balance: Defining it for Yourself

As each of us is different, how we do our job and set our priorities is an individual undertaking. The same is true when defining who we are as people and determining our personal responsibility. The only person who can...

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Coaching Success

PowerPoint Presentation Tip for Spanish-Speaking Audience Members

I recently delivered a presentation skills training program to

VISIT OUR SITES:



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UPCOMING WEBINARS

Managing work time effectively

Price: \$139

Member Price: \$99

Wednesday, May 4, 2011 • 2-3:15 p.m. Central

Tweet, talk or text: How to effectively communicate in a high-tech world

Price: \$139

Member Price: \$99

Wednesday, April 20, 2011
2-3:15 p.m. Central

25 tips to lead your team through change

Price: \$139

Member Price: \$99

Wednesday, April 6, 2011
2-3:15 Central

Efficiency techniques for administrative professionals

Price: \$139

Member Price: \$99

Tuesday, March 29, 2011
2 - 3:15 p.m. Central

FEATURED BLOGGER:



K.J. McCorry is the CEO of

Efficiency Enterprises ® Inc., a professional productivity, efficiency and sustainability consulting company based out of Boulder, Colorado. K.J.'s work in office process simplification has been recognized locally and nationally in the New York Times, International Herald Tribune, Chicago Tribune, Real Simple, Better Homes & Gardens with TV and radio appearances on the Do It Yourself Network, The Peter Boyles Show, and World Talk Radio. She is also the author of Organize Your Work Day In No Time, released in April 2005 by Que Publishing. She is currently working on her second book on becoming a 'paperless' office.



AG/357

a group of urologists from Mexico, Central and South America - with the training conducted in New York. These physicians mostly present slides in Spanish, and they taught me a few...

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Spark

I'm Certain About Uncertainty

We all want the guarantee--our lovers will love us forever, our investments will increase in value, our jobs will last until we retire, our computers will never crash. If you are over the age of 15, you have come to learn there are no guarantees--your pa

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WHAT OUR MEMBERS ARE READING NOW

 [Managers Intelligence Report](#)

Prevent emotional flare-ups in employee reviews

Remember that good and not-so-good performers need frequent, formal feedback over the year...

 [Leading for Results](#)

Optimize mavericks' ambitions

[Y]ou need to redirect their energy without letting them dominate the group...

 [Employee Recruitment and Retention](#)

Recruit top candidates with the right sales pitch

Good candidates need to be sold on your position, and on your company, before they'll commit to taking your job...

 [Communication Solutions](#)

Stand up to propel a conversation

Conversations have subtle dynamics that affect their outcome...

 [Motivational Manager](#)

Small gestures can be powerful

Think small. If you can't give workers a paid day off, then give them a free hour....

BECOME A MEMBER

Leading for Results

Published: Monthly
Newsletter + Membership
[Learn more...](#)
Price: \$139

Communication Solutions for Today's Manager

Published: Monthly
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[Learn more...](#)
Price: \$179

Employee Recruitment & Retention

Published: Monthly
Newsletter + Membership
[Learn more...](#)
Price: \$179

The Manager's Intelligence Report

Published: Monthly
Newsletter + Membership
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Price: \$139

The Motivational Manager

Published: Monthly
Newsletter + Membership
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Ragan Communications | 111 E. Wacker Dr Ste. 500 | Chicago, IL 60601 | cservice@ragan.com

This message was sent to mjv@nrc.gov

From: [Zabel, Joseph](#)
To: [RES Distribution](#)
Subject: Monthly (February) - TABS Task Force Report
Date: Friday, March 18, 2011 11:41:16 AM

The monthly TABS status of activities report for February is now available on the RES Web page under the Quick Links portion on the main page.

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

AG/358

From: Baretich, Karmen
To: Ader, Charles; Akstulewicz, Frank; Bailey, Marissa; Bergman, Thomas; Camper, Larry; Chokshi, Nilesh; Correia, Richard; Davis, Jack; Dorman, Dan; Dudes, Laura; Flanders, Scott; Gusack, Barbara; Holian, Brian; Kokajko, Lawrence; Layton, Michael; Lombard, Mark; Lorson, Raymond; Madden, Patrick; Matthews, David; Mayfield, Michael; McConnell, Keith; Mohseni, Aby; Pulliam, Timothy; Richards, Stuart; Tappert, John; Tracy, Glenn; Weaver, Doug; Weerakkody, Sunil
Cc: Leeds, Eric; "Lyons, James"; Sheron, Brian; Boyce, Thomas (OIS); Schaeffer, James; Miller, Charles; Carpenter, Cynthia; Grobe, Jack; Boger, Bruce; Lam, Donna; Hudson, Jody
Subject: Executive 360 and Coaching Program Update
Date: Friday, March 18, 2011 11:41:33 AM

Hello,

I am writing to notify you that the Executive Coaching program contract expires on March 19, 2011, however, we have processed the paperwork through OPM to extend the program through September 30, 2011. We expect it to be complete soon. There will be a little delay before coaching can continue – I will follow up with you to let you know when the paperwork is complete. All executive coaches are aware of this delay and we'll contact everyone when coaching can continue.

Please contact me at 301-492-2290 or Donna Lam at 201-492-2001 with any questions.

Thank you for your patience,

Karmen Baretich

Leaders' Academy Project Manager, Vantage Human Resources Contractor
US Nuclear Regulatory Commission
Human Resources - Training and Development
7201 Wisconsin Ave, Suite 425
Bethesda, MD 20814

PDC Phone: 301-492-2000
Desk Phone: 301-492-2290

AG/359

From: CSC_PasswordStation@nrc.gov
To: [Lubinski, John](#)
Subject: NRC Customer Support Center: Your Password Will Expire in 4 Days
Date: Friday, March 18, 2011 11:48:33 AM

NRC Customer Support Center: Your Password Will Expire in 4 Days

We recommend that you change your network password now to avoid any potential difficulties logging in to your workstation.

Changing your password with Avatier Password Station is a quick and simple process - You will not have to reboot your workstation or log off after changing your password.

To validate the authenticity of this NRC email and learn how to enroll in Avatier Password Station, click the following NRC web server link:
<http://www.internal.nrc.gov/ois/CScatalog/customerservicecatalogs/announcements/changingpassword.html>

If you already know how to change your password using Password Station, and would like to go to Password Station now, click the following link: <https://selfservice.nrc.gov/aims/ps/default.aspx>

Note: If you're reading this email through Outlook Web Access, this link will not work. Please log in to the NRC network directly, or through Citrix remote access, to use Password Station.

If you require additional assistance, please contact the Customer Support Center (CSC).

Customer Support Center (CSC)
Mon – Fri 6:00 AM – 9:00 PM (EST) and Sat and Sun 9:00 AM – 9:00PM (EST)
Phone: 301-415-1234, Option 2
Email: CSC@nrc.gov

Note: Please do not reply to this email. This is for notification only and your emails will not be received.

AG/360

From: [Ruland, William](#)
To: [Evans, Michele](#)
Subject: FW: Response: Replacements for Ulises and Trapp and Bomb Assessment Capability
Date: Friday, March 18, 2011 11:50:00 AM

Here are our two names: Jolicouer and Boska.

Bill Ruland

From: Meighan, Sean
Sent: Friday, March 18, 2011 11:45 AM
To: Ruland, William
Cc: Giitter, Joseph; Brown, Frederick; Quay, Theodore; Blount, Tom
Subject: RE: Response: Replacements for Ulises and Trapp and Bomb Assessment Capability

Bill:

2 of 4 have confirmed

John Jolicouer at home. He would be willing to serve if called. He has a passport (personal, on file in OIP if needed). He has a Q clearance. He is on the watchbill to come into the Operations Center this weekend, so there is coordination to replace him needed if he is picked. DPR Action completed for the Noon assignment.

Boska is willing to go. He has a current U.S. Passport. His clearance is L. EOM

From: McGinty, Tim *in PR*
Sent: Friday, March 18, 2011 11:26 AM
To: Ruland, William; Meighan, Sean
Cc: Giitter, Joseph; Brown, Frederick; Quay, Theodore; Blount, Tom
Subject: Response: Replacements for Ulises and Trapp and Bomb Assessment Capability

Bill/Sean – I talked to John Jolicouer at home.

He would be willing to serve if called. He has a passport (personal, on file in OIP if needed). He has a Q clearance. He is on the watchbill to come into the Operations Center this weekend, so there is coordination to replace him needed if he is picked. DPR Action completed for the Noon assignment.

Regarding the Bomb Assessment capability skill set – our folks do not know of anyone in NRR that has that technical skill. DPR Action closed for the 2 p.m. assignement

Joe and Fred: Regarding other folks that have good people skills, or technical skills, or both that could be considered for the team from NRR/DPR, I provide the following for consideration. If you want me to approach or talk to any of them, just let me know:

Tim Reed
Chris Regan - BC

AG/361

Andy Hon (former resident at Diablo Canyon)
Kate Lenning (HP with an extensive Chernobyl knowledge base)
Barry Miller (Regional inspector experience)
Eric Bowman
Tanya Mensah
Heather Astwood (International experience)
Jon Hopkins (same – both have already been submitted as potential OIP help on
different list)
John Adams
Scott Sloan

Tim

From: [Csontos, Aladar](#)
To: [Case, Michael](#)
Subject: Can I speak with you today?
Date: Friday, March 18, 2011 11:51:17 AM

I have a couple of decisions that I need your help with if you have time.

AG/362

Murphy, Andrew

From: donotreply@corrigo.com
Sent: Friday, March 18, 2011 11:55 AM
To: Murphy, Andrew
Subject: Service Request #21CS0752 Notification

This is an automated system notification regarding your Work Order. Updated information about your work order may be found below.

Your Company Name: WW Contractors
Created on Date: 02/28/2011 3:59 PM
Your Property Name: Church Street
Work Description: Heating & Air Conditioning:Too cold:Room is too cold less than 69
Status: Completed
Work OrderAction: Completed
Reason/Comments: Completed, thank you.

AG/363

Kauffman, John

From: Lane, John
Sent: Friday, March 18, 2011 11:56 AM
To: Kauffman, John
Subject: weekly...thanks.
Attachments: Doc1.docx

AG/364

This Week:

Data:

- forwarded SUNSI review of SRV report in preparation for publishing
- issued Office Director memo to NRR announcing NUREG/CR-7037
- provided some input to on-going issue resolution in Japan

GI-193

- received final report from Purdue PUMA facility; put into ADAMS; began review

Next Week:

Sunday—Ops Center (7 am-3 pm)

Tuesday-Fri: Common Cause Workshop

Matakas, Gina

From: Gaskins, Farrah
Sent: Friday, March 18, 2011 11:56 AM
To: All R1 Users
Subject: 12th Annual FEB Food Drive

Greetings!

The Region 1 Diversity Management Committee (DMAC) is once again proud to join the Federal Executive Board in the 12th Annual Food Drive in support of Philabundance. **WE NEED YOUR HELP!** One way you can help your neighbors in need get through these tough times is to support this food drive. The food drive will begin Monday, March 21, 2011 and will end on Friday, April 1, 2011. Collection boxes will be located in the 1st and 2nd floor kitchens as well as the DNMS and DRM entrances.

Philabundance is the region's largest food bank and food rescue organization and provides food to member agencies in the following ten (10) counties of the Delaware Valley: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties in Pennsylvania and Burlington, Camden, Gloucester, Mercer and Salem Counties in New Jersey.

Please do what you can to help fill these boxes as we have in the past. In fact, over the previous eleven years, Region 1, along with other agencies in the Delaware Valley, has consistently demonstrated our generous commitment by helping to provide more than 140,000 pounds of nutritious, high-quality foods for distribution to needy families in the region.

What YOU can do to help: Donate non-perishable foods in any container except glass. **Most needed items include canned meats, cereals, canned tuna, pasta, peanut butter and jelly (plastic jars only), and canned fruit and vegetables. Also, canned baby formula and cereals are always in great demand.**

If you have questions concerning the food drive and Philabundance please contact Farrah Gaskins (610-337-5143) or visit their web site at www.philabundance.org

Thank you once again for your support in helping our neighbors in need, and for showing the ever-present, and profound generosity of Region 1(derful).

Farrah C. Gaskins
Health Physicist
U.S. NRC, Region 1
475 Allendale Road
King of Prussia, PA 19406
(610) 337-5143 office
(610) 337-5269 fax

AG/365

Dean, Bill

From: Dean, Bill
Sent: Friday, March 18, 2011 12:00 PM
To: McNamara, Nancy
Subject: Re: Response to Geri Shapiro Completed for Time Being

I had one good game, one average game, one blowout and one half good game. So I had free time!
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: McNamara, Nancy
To: Dean, Bill
Sent: Fri Mar 18 09:42:48 2011
Subject: RE: Response to Geri Shapiro Completed for Time Being

There was a briefing on the Hill yesterday with the NY delegation staffers by Jennifer Uhel and John Boska and word has it that it didn't go well. On the other hand, I set up calls yesterday with our SLOs and a separate one with NY and Country execs on the GI-133 study. It was 3 hours between the two calls supported by Wayne Schmidt and staff from Research and it went wonderful. As only Region 1derful can do☺ Everyone is calling for the NRC to respond to the article in writing and put it in context. Aren't you suppose to be on fun leave?

From: Dean, Bill
Sent: Friday, March 18, 2011 8:29 AM
To: McNamara, Nancy
Cc: Lew, David; Tift, Doug; Wilson, Peter; Weerakkody, Sunil
Subject: Re: Response to Geri Shapiro Completed for Time Being

Great. Let's make sure RES and other cognizant HQ GI-199 people are aware that NY is really going after this.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: McNamara, Nancy
To: Lew, David; Dean, Bill
Cc: Tift, Doug
Sent: Fri Mar 18 08:20:48 2011
Subject: Response to Geri Shapiro Completed for Time Being

We've forwarded the information requested by Geri Shapiro in response to our discussion with her on Monday. I had a pleasant conversation with her last night and she was very pleased on the material we provided (all was already publically available) and especially was appreciative of the USGS contact name and numbers. She stated that the Senator has formed a Committee amongst her staff to just work on seismic concerns and Indian Point. Geri has been assigned to only work on researching this issue. She believes the other Congressional offices are doing the same.

nancy

From: Michael Adams
To: Jack Milano
Subject: Revere Data Increases Supply Chain Visibility for Middle East and Frontier Regions
Date: Friday, March 18, 2011 12:00:10 PM

To view an online version of this email, click [here](#).

Revere Data Increases Supply Chain Visibility for Middle East and Frontier Regions

Join us to learn how federal clients use Revere Data to collect, process, and analyze business and supply chain intelligence to gain information on illicit finance and trade, supply chain relationships, and economic transparency and trade promotion. Using existing data that Revere compiles, agencies are able to "connect-the-dots" to discover linked networks of companies, people, and financial instruments. This can uncover materially relevant relationships with other companies, including suppliers, competitors, partners, and other key connections that are traditionally hard to research due to varying disclosure standards and complex company ownership structures in other countries.

Any analyst can find tremendous amounts of data; more importantly, an analyst needs to understand that data. Valuable time is lost mining for data when the goal is to exploit information to make quick, informed decisions for mission success. Knowing more at an actionable level requires informed, quality data that is structured for immediate recall and delivered in a relevant context. Revere Data gives you the specific data sets you need to help increase global supply chain visibility and reveal economic warfare and counter threat finance.

Attend our webinar on March 30th to learn:

- How Revere can customize or combine data sets for your agency's mission
- How a new understanding of the global supply chain can help agencies gain insight into the relationships of foreign companies
- The features of Revere's latest research database of over 1,800 companies mapped from the Middle East, Russia, Asia, and other areas

Sign up now, or [click here](#) to register for future access to the archived recording.

Sincerely,

Michael Adams
Revere Data Government at
Carahsoft Technology Corp.
703-871-8681 (Direct)
888-662-2724 (Toll-Free)
michael.adams@carahsoft.com
www.carahsoft.com/reveredata

Complimentary Online Seminar

Date: Wednesday, March 30, 2011
Time: 11am Eastern; 8am Pacific
Duration: 1 Hour



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This email was sent to: michael.case@nrc.gov
This email was sent by: **Carahsoft Technology Corp.**
12369 Sunrise Valley Dr. Suite D2, Reston, VA 20191



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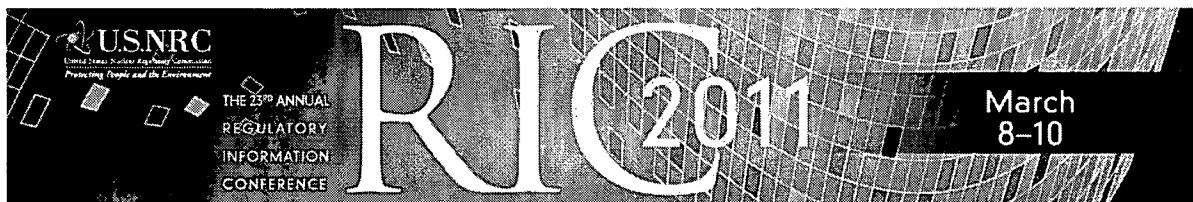
AG/367

From: [Oberson, Greg](#)
To: [Case, Michael](#)
Cc: [Tregoning, Robert](#); [West, Stephanie](#)
Subject: RIC thank you letters
Date: Friday, March 18, 2011 12:02:24 PM
Attachments: [Busby RIC thank you letter.docx](#)
[Flaherty RIC thank you letter.docx](#)
[Reister RIC thank you letter.docx](#)
[Gaertner RIC thank you letter.docx](#)

Here are the thank you letters. You can decide if you want to mail hard copies or email (Stephanie you could help). I agree with Rob that I don't recollect any unanswered questions. Let me know if you need anything else.

Greg

AG/368



March 18, 2011

Dr. Jeremy Busby
Senior Research Scientist
Oak Ridge National Laboratory
1 Bethel Valley Road, MS-6138
Oak Ridge, TN 37831-6138

Dear Dr. Busby,

Thank you for presenting at the U.S. Nuclear Regulatory Commission's 23rd Annual Regulatory Information Conference (RIC), March 8 – 10, 2011, in Rockville, Maryland. This year the total number of participants reached over 2,900 participants including international representatives from 28 countries.

Initial feedback from participants indicates that this year's RIC was another resounding success. Your dedication and support helps the NRC "raise the bar" each year to develop a comprehensive program filled with discussion topics that are timely and relevant.

Your presentation on "Extended Proactive Materials Degradation Analysis" during the "Reactor License Renewal: Research Supporting Long Term Operation" session provided important information and another perspective about initiatives that are underway in the nuclear arena. The interest of the attendees was evident by the range of questions raised during the question-and-answer period following the panel presentations.

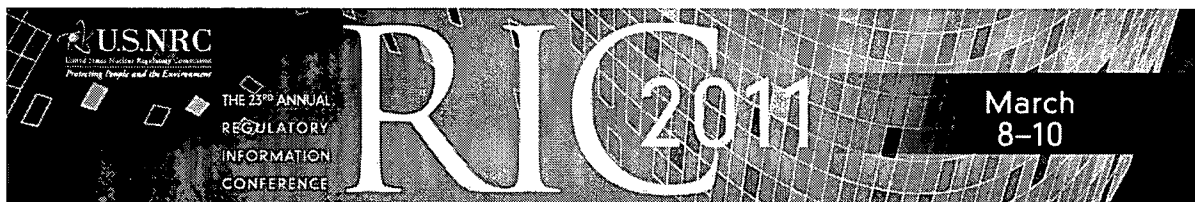
All final presentation slides and questions that were not addressed during the conference are being compiled and will be posted on the NRC's RIC website at: <http://www.nrc.gov/public-involve/conference-symposia/ric/index.html>. Again, thank you for your participation at NRC's 2011 Regulatory Information Conference. It is your commitment and support that helped to make the RIC a success.

We hope you will join us for the 24th Annual RIC March 13-15, 2012, scheduled to be held at the Bethesda North Marriott Hotel and Conference Center, Rockville, Maryland.

Warm regards,

Michael Case

Director, Division of Engineering
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission



March 18, 2011

Mr. Mark Flaherty
Manager, Fleet Engineering
Constellation Energy Nuclear Group, LLC
100 Constellation Way, Suite 200C
Baltimore, MD 21202

Dear Mr. Flaherty,

Thank you for presenting at the U.S. Nuclear Regulatory Commission's 23rd Annual Regulatory Information Conference (RIC), March 8 – 10, 2011, in Rockville, Maryland. This year the total number of participants reached over 2,900 participants including international representatives from 28 countries.

Initial feedback from participants indicates that this year's RIC was another resounding success. Your dedication and support helps the NRC "raise the bar" each year to develop a comprehensive program filled with discussion topics that are timely and relevant.

Your presentation on "DOE/EPRI/CENG Nuclear Plant Life Extension Demonstration Project" during the "Reactor License Renewal: Research Supporting Long Term Operation" session provided important information and another perspective about initiatives that are underway in the nuclear arena. The interest of the attendees was evident by the range of questions raised during the question-and-answer period following the panel presentations.

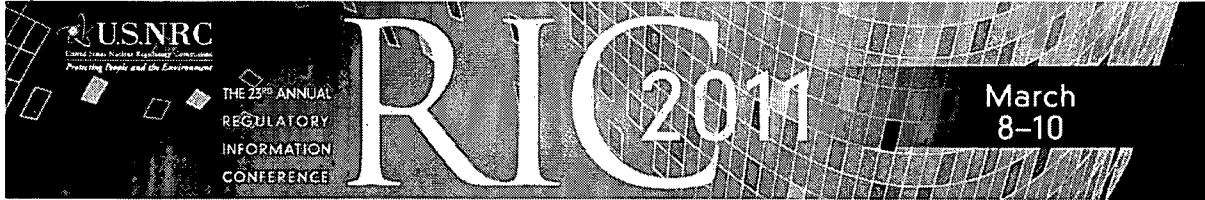
All final presentation slides and questions that were not addressed during the conference are being compiled and will be posted on the NRC's RIC website at: <http://www.nrc.gov/public-involve/conference-symposia/ric/index.html>. Again, thank you for your participation at NRC's 2011 Regulatory Information Conference. It is your commitment and support that helped to make the RIC a success.

We hope you will join us for the 24th Annual RIC March 13-15, 2012, scheduled to be held at the Bethesda North Marriott Hotel and Conference Center, Rockville, Maryland.

Warm regards,

Michael Case

Director, Division of Engineering
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission



March 18, 2011

Mr. Richard Reister
Federal Project Director, Light Water Reactor Sustainability Program
United States Department of Energy, Office of Nuclear Energy
NE-72/Germantown Building, United States Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

Dear Mr. Reister,

Thank you for presenting at the U.S. Nuclear Regulatory Commission's 23rd Annual Regulatory Information Conference (RIC), March 8 – 10, 2011, in Rockville, Maryland. This year the total number of participants reached over 2,900 participants including international representatives from 28 countries.

Initial feedback from participants indicates that this year's RIC was another resounding success. Your dedication and support helps the NRC "raise the bar" each year to develop a comprehensive program filled with discussion topics that are timely and relevant.

Your presentation on "Nuclear Energy R&D for Existing Plants" during the "Reactor License Renewal: Research Supporting Long Term Operation" session provided important information and another perspective about initiatives that are underway in the nuclear arena. The interest of the attendees was evident by the range of questions raised during the question-and-answer period following the panel presentations.

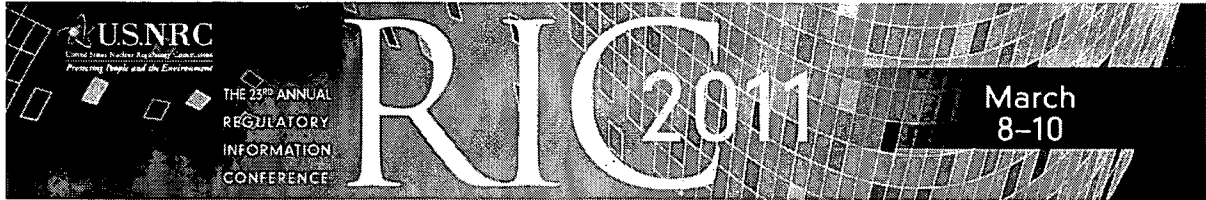
All final presentation slides and questions that were not addressed during the conference are being compiled and will be posted on the NRC's RIC website at: <http://www.nrc.gov/public-involve/conference-symposia/ric/index.html>. Again, thank you for your participation at NRC's 2011 Regulatory Information Conference. It is your commitment and support that helped to make the RIC a success.

We hope you will join us for the 24th Annual RIC March 13-15, 2012, scheduled to be held at the Bethesda North Marriott Hotel and Conference Center, Rockville, Maryland.

Warm regards,

Michael Case

Director, Division of Engineering
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission



March 18, 2011

Mr. John Gaertner
Technical Executive
Electric Power Research Institute
1300 West W.T. Harris Boulevard
Charlotte, NC 28262

Dear Mr. Gaertner,

Thank you for presenting at the U.S. Nuclear Regulatory Commission's 23rd Annual Regulatory Information Conference (RIC), March 8 – 10, 2011, in Rockville, Maryland. This year the total number of participants reached over 2,900 participants including international representatives from 28 countries.

Initial feedback from participants indicates that this year's RIC was another resounding success. Your dedication and support helps the NRC "raise the bar" each year to develop a comprehensive program filled with discussion topics that are timely and relevant.

Your presentation on "EPRI Long Term Operation Project" during the "Reactor License Renewal: Research Supporting Long Term Operation" session provided important information and another perspective about initiatives that are underway in the nuclear arena. The interest of the attendees was evident by the range of questions raised during the question-and-answer period following the panel presentations.

All final presentation slides and questions that were not addressed during the conference are being compiled and will be posted on the NRC's RIC website at: <http://www.nrc.gov/public-involve/conference-symposia/ric/index.html>. Again, thank you for your participation at NRC's 2011 Regulatory Information Conference. It is your commitment and support that helped to make the RIC a success.

We hope you will join us for the 24th Annual RIC March 13-15, 2012, scheduled to be held at the Bethesda North Marriott Hotel and Conference Center, Rockville, Maryland.

Warm regards,

Michael Case

Director, Division of Engineering
Office of Nuclear Regulatory Research
U.S. Nuclear Regulatory Commission

Dean, Bill

From: Dean, Bill
Sent: Friday, March 18, 2011 12:03 PM
To: Rule, David
Subject: Re: Fitness Center in the New Building

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

From: Rule, David
To: Dean, Bill
Sent: Fri Mar 18 09:03:07 2011
Subject: RE: Fitness Center in the New Building

Bill:
Bruce Hartlein is checking on that but we have not heard back from him yet
Dave

From: Dean, Bill
Sent: Friday, March 18, 2011 8:06 AM
To: Rule, David
Subject: Re: Fitness Center in the New Building

Thanks Dave. Did we ever determine if any of the other buildings in the complex that liberty owns that have a facility we could possibly link to?
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Rule, David
To: All R1 Users
Sent: Fri Mar 18 06:47:09 2011
Subject: Fitness Center in the New Building

All:

This message is provided in follow-up to the recent survey regarding the fitness center proposal for the new building. We recently solicited your input via a survey on a proposal that was being considered for establishing a fitness center in the new building. We received great response to the survey with more than 50% of those who responded indicating they would use such a facility at least once a week. However, we have learned that including a small fitness center in our new building would suspend Region I staff access to the subsidized LA Fitness contract. In addition, an internal fitness facility poses significant challenges with regards to liability, funding, and physical access. Lastly, our funding and space allocation priorities would only support a relatively small room with a few pieces of equipment which would not meet the user demands nor be cost effective when compared to the higher volume access to LA Fitness at the reasonable monthly rate. As a result of all of these factors, the proposal for a fitness room in the new building is no longer under consideration.

There are a few fitness centers identified on the amenities map posted on the Office Transition web page (<http://r12k3web.nrc.gov/reloc/AmenitiesMap.pdf>) and on display in the DRM entrance area. We are also researching the availability of other local options for use of a fitness center and will post our findings on the Office Transition web page.

We appreciate your participation in the survey and will continue to seek staff input as we further refine the plans for the new building and its outfitting.

From: RES_OpPlan@nrc.gov
To: Coyne, Kevin
Subject: ACTION REQUIRED - OpPlan: Modified Milestone
Date: Friday, March 18, 2011 12:06:52 PM
Importance: High

RES Milestone has been Modified

[View Milestone](#) | [Approve / Reject](#)

Kevin Coyne

The purpose of this email is to notify you that there has been a modification to a milestone assigned to the RES/DRA/PRAB by Jeffery Wood on 3/18/2011 12:06:16 PM. Please approve or reject the changes using the "Approve/Reject" link above. If rejected, milestones values will return to the previous version automatically.

If you have any questions, please contact your supervisor.

User Need ID Intl Cooperative Research

User Need Title International Cooperative Research

Milestone Description Participate in New and Advanced Reactor PRA Workshop and issue international trip report. Nathan Siu will be attending the workshop.

Changes **Previous Value**

Current Due Date ~~8/8/2008 12:00:00 AM~~

Proposed Value

7/31/2011
12:00:00 AM

AG/370

From: [Coyne, Kevin](#)
To: [Davis, Chon](#)
Cc: [Taylor, Gabriel](#); [Kuritzky, Alan](#)
Subject: V6045 - Branch Designation in ROMA
Date: Friday, March 18, 2011 12:13:00 PM

Chon –

Although Gabe Taylor is the PM for V6045, it's actually work in my branch. Can you please change the branch designator in ROMA to PRAB.

Thanks!

Kevin

AG/371

From: [Cohen, Shari](#)
To: [Bahadur, Sher](#); [Blount, Tom](#); [Brown, Frederick](#); [Cheok, Michael](#); [Evans, Michele](#); [Ferrell, Kimberly](#); [Galloway, Melanie](#); [Gitter, Joseph](#); [Givvines, Mary](#); [Hiland, Patrick](#); [Holian, Brian](#); [Howe, Allen](#); [Lee, Samson](#); [Lubinski, John](#); [McGinty, Tim](#); [Nelson, Robert](#); [Quay, Theodore](#); [Ruland, William](#); [Skeen, David](#); [Thomas, Brian](#)
Subject: FW: MESSAGE: Difficult Conversations (March 21-23) CANCELLED
Date: Friday, March 18, 2011 12:15:00 PM
Importance: High

To: All BCs and LT

Due to recent events, the follow-up classes (March 21) and Class 3 (March 22-23) have been cancelled by the ET/LT.

They will be rescheduled (TBD). I apologize for any miscommunication. Thank you for your understanding and patience on this matter!

Quynh

AG/372

Owen, Lucy

From: Castles, Debbie
Sent: Friday, March 18, 2011 12:17 PM
To: Collins, Elmo; Howell, Art; Kennedy, Kriss; Pruett, Troy; Vogel, Anton; Haire, Mark; Bogle, Sue; Sanfilippo, Nathan; OEMAIL Resource; Powell, Amy; Weil, Jenny; Wang, Alan; Gaddy, Vincent; Hagar, Bob; Smith, Rich; Dricks, Victor; Uselding, Lara; Maier, Bill; Fuller, Karla; Taylor, Nick; Farrell, Alley; Longdo, Phil; Mattila, AnnMarie; Owen, Lucy; Tannenbaum, Anita; Lackey, Dana; Jenkins, Verlyn; Karl, Tracy; Harrison, Deborah; Clay, Earnestine; McKelvey, Harold
Subject: CANCELLATION OF OPEN HOUSE
Attachments: CANCELLATION GG MN 03242011 03182011 ML11077A019.pdf

THE OPEN HOUSE FOR GRAND GULF NUCLEAR STATION FOR MARCH 24TH, 2011 HAS BEEN CANCELED, TO BE RE-SCHEDULED AT A LATER DATE.

Debbie Castles (Contractor)
Administrative Assistant
Region IV
Division of Reactor Projects

AG/373

From: [Siu, Carolyn](#)
To: [Chang, James](#); [Peters, Sean](#); [McHale, John](#); [Haire, Mark](#); [Campbell, Andy](#); [Baum, Robin](#); [Coe, Doug](#); [Coyne, Kevin](#); [Boggi, Michael](#); [Brown, Frederick](#); [Cheok, Michael](#); [Giitter, Joseph](#); [Nelson, Robert](#); [Kolb, Timothy](#); [Markley, Michael](#); [Ashley, MaryAnn](#); [Shoop, Undine](#); [Thadani, Mohan](#); [Zoulis, Antonios](#); [Caniano, Roy](#); [Loveless, David](#); [Pruett, Troy](#); [Walker, Wayne](#); [Furst, David](#); [Gulla, Gerald](#); [Hilton, Nick](#); [Riddick, Nicole](#); [Zimmerman, Roy](#); [Maxin, Mark](#); [Desaulniers, David](#); [Junge, Michael](#); [Kellum, Jim](#); [Barnes, Valerie](#); [Cooper, Susan](#); [Criscione, Lawrence](#); [Demoss, Gary](#); [Lois, Erasmia](#); [Shen, Song-hua](#); [Siu, Nathan](#); [Stutzke, Martin](#); [Xing, Jing](#)
Cc: [RidsResOd Resource](#)
Subject: Establish an Agreement with the STP Nuclear Operating Company on the Collection of Operator Simulator Training Data
Date: Friday, March 18, 2011 12:18:54 PM
Attachments: [Memo.docx](#)
[Letter.doc](#)
[Agreement.docx](#)
[ML110700226.APK](#)

If you have any questions or comments, please contact James Chang at 301-251-7589.

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

AG/374

March 11, 2011

MEMORANDUM TO: Brian W. Sheron, Director
Office of Nuclear Regulatory Research

THRU: Doug Coe, Acting Director */RA K. Coyne for/*
Division of Risk Analysis
Office of Nuclear Regulatory Research

FROM: Sean Peters, Chief */RA/*
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

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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	3/11/11	10/27/10	3/11/11	2/28/11	2/25/11
OFFICE	OE	OGC	RES/DRA	RES	
NAME	A. Campbell (via email)	R. Baum (via email)	D. Coe (K. Coyne for)	B. Sheron	
DATE	3/4/11	3/10/11	3/11/11	3/16/11	

OFFICIAL RECORD COPY

March 16, 2011

Mr. Edward Halpin, President and Chief Executive Officer
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, TX 77483

Dear Mr. Halpin:

Please find enclosed two copies of the memorandum of agreement between the U.S. Nuclear Regulatory Commission (NRC) and the STP Nuclear Operating Company on participation in the collection of licensed operator simulator training data for human reliability analysis. NRC's Office of Nuclear Regulatory Research staff and Mr. Rick Grantom, Mr. Jonathan Pierce, and Mr. Rodney Nowell of your staff collaborated on the development of this memorandum. NRC looks forward to working with you on the agreement. Toward that end, please return an executed copy of the memorandum at your earliest convenience. If you have any questions, please contact Dr. James Chang at (301) 251-7589.

Sincerely,

/RA/

Brian W. Sheron, Director
Office of Nuclear Regulatory Research

Enclosures:
As stated

**AGREEMENT BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION
AND THE
STP NUCLEAR OPERATING COMPANY
REGARDING PARTICIPATION IN THE COLLECTION OF
LICENSED OPERATOR SIMULATOR TRAINING DATA FOR
HUMAN RELIABILITY ANALYSIS**

WHEREAS, the U.S. Nuclear Regulatory Commission (hereinafter NRC) and STP Nuclear Operating Company (hereinafter STPNOC), have a mutual interest in a cooperative study involving collection of simulator data for human reliability analysis (hereinafter STUDY);

WHEREAS, STPNOC is a company operating the South Texas Project Electric Generating Station;

WHEREAS, NRC intends to use the staff of selected national laboratories of the U.S. Department of Energy (hereafter LABORATORY) to assist in the STUDY;

WHEREAS, STPNOC is interested in participating cooperatively in the STUDY as set forth in this Agreement;

WHEREAS, STPNOC is neither a contractor nor an offeror to the NRC for purposes of this Agreement.

The Parties AGREE as follows:

ARTICLE 1. OBJECTIVE

- 1.1 NRC and STPNOC, in accordance with the provisions of this Agreement and Section 31 of the Atomic Energy Act of 1954, as amended, and subject to other applicable laws, regulations, and national policy in force in the United States, will join together for cooperative research in the STUDY. It is understood by the Parties that STPNOC is the provider of simulator training data for the STUDY and shall not provide technical support, analysis, advice, evaluations, or recommendations to NRC in connection with cooperating and participating in the STUDY. However, STPNOC shall provide written feedback to NRC on its lessons learned through cooperation with this STUDY to facilitate improvements in future human reliability analysis (HRA) data collection using nuclear power plant simulators.
- 1.2 NRC's goal under this Agreement is to improve the HRA methods and techniques by aggregating the simulator data provided by STPNOC with other data that NRC has.
- 1.3 In view of the significant data to be acquired and potential human performance insights to be derived from this unique demonstration project, NRC considers this project to be appropriate for collaboration with STPNOC.

ARTICLE 2. SCOPE OF AGREEMENT

2.1 NRC shall provide to STPNOC data collection tools (e.g., software) and training on the use of the tools as necessary. NRC shall work with STPNOC to develop the data collection tools and to ensure the tools serve the interests of NRC and STPNOC in this STUDY.

2.2 STPNOC shall provide the licensed operator requalification training data to NRC including simulator scenarios and job performance measures.

Once a process has been established using the requalification training simulator sessions, the scope may be increased to include the emergency response drills with the mutual agreement of the representatives of NRC and STPNOC as specified in Articles 4.1 and 4.2.

2.3 The simulator training data specified in Article 2.2 may include the following:

- Simulator scenario descriptions including critical tasks and human actions modeled in the probabilistic risk assessment model of STPNOC.
- Performance evaluation criteria.
- Evaluation results.
- Crew composition.
- Individual crew's experience level in the position.
- Type of training (e.g., "As Found"; licensed operator requalification training (LORT), exam practice, exam; E-plan drill).
- Training frequency.
- Crew and individual evaluation write ups and critique comments.
- Items documented for the individual/crew to work on in future training.

The above data shall be transmitted to NRC on a regular basis that corresponds to the LORT cycle.

During development of the data-collection tools mentioned in Article 2.1, STPNOC may wish to include data collection for STPNOC internal use that is outside the bulleted items above or data processing functions not specified in this Article and Article 2.4. The NRC and STPNOC representatives will jointly decide the technical coverage of the data collection tools and what collected data need not be sent to NRC.

- 2.4 The data transmitted to NRC shall not include any operator's name or identification that can be used to identify the individual. Instead, the individual crew member shall be identified based on his/her responsibility (e.g., unit supervisor) in the simulation.
- 2.5 NRC and the LABORATORY shall not reveal the identities of the plant and crew in any reports, documents, presentations, or other communication means related to the STUDY. Instead, generic descriptions shall be used for identification in this study (e.g., Westinghouse four-loop pressurized-water reactor, Crew 1, and SRO 1).
- 2.6 NRC and STPNOC agree that NRC will decide the direction, determinations, and decisions regarding publication of the results from the STUDY. However, NRC will solicit the review and comments of STPNOC in developing the final reports.
- 2.7 This Agreement does not relieve STPNOC of its responsibility to ensure exam security requirements are met per 10 CFR 55.49.
- 2.8 NRC shall not issue any enforcement action (findings or violations) to STPNOC for nonwillful violations identified as a result of NRC's analysis of the data collected through the STUDY. However, apparent violations identified by NRC from its analysis of the data will be reported back to STPNOC for implementation in STPNOC's corrective action program. Findings and violations identified during implementation of the Reactor Oversight Program (including inspections of the licensed operator requalification program) will continue to be enforced.
- 2.9 STPNOC's participation in the STUDY will not affect NRC's evaluation of licensed operator requalification at STPNOC.
- 2.10 STPNOC shall not use information from the STUDY as a means to meet STPNOC licensee reporting responsibilities under 10 CFR 50.72, "Immediate Notification Requirements for Operating Nuclear Power Stations," and 10 CFR 50.73, "Licensee Event Report System," or any other reporting requirement. Any compensatory measures devised shall not be considered as satisfying the NRC regulatory requirements without formal review and/or inspection of the condition or facility. Such reviews and inspections are outside the scope of this Agreement.
- 2.11 STPNOC will provide advice or make recommendations, if any, to the NRC on regulatory or policy matters through the established procedures of the NRC, and the NRC will consider them in the same manner as other offers of advice or recommendations made through established NRC procedures.
- 2.12 The data analysis to be performed by NRC under this Agreement is intended to generate results that will be of mutual interest to the NRC and STPNOC. Any additional data analysis requested by STPNOC to be performed by NRC shall be agreed by NRC representative as stated in the Article 4.1 of this Agreement.

- 2.13 NRC, the LABORATORY, and STPNOC will regularly exchange information and communicate regarding issues related to the STUDY. All meetings are for information exchange regarding the STUDY. Meetings are not to be construed as requests or opportunities for (or used by NRC for obtaining) advice or recommendations of STPNOC or its personnel on policy or regulatory matters within the scope of the NRC responsibilities.
- 2.14 STPNOC shall provide feedback on the cooperative experience to NRC prior to the termination of the Agreement.

ARTICLE 3. ESTIMATED PROJECT COSTS

- 3.1 This Agreement does not obligate any funds, and all activities under this Agreement are subject to the availability of appropriated funds. Each party will be responsible for payment of any costs that it incurs in connection with this Agreement, and neither party has agreed to pay or reimburse costs incurred by the other party.
- 3.2 NRC agrees to fund the activities of the NRC and LABORATORY staff (including travel-related costs) under this Agreement.
- 3.3 NRC agrees to fund the development of the data collection tools.
- 3.4 STPNOC agrees to fund the activities of its staff (including travel related cost, if any) under this Agreement.

ARTICLE 4. PROGRAM MANAGEMENT

- 4.1 NRC shall appoint a representative for the STUDY. NRC shall furnish STPNOC with the name of the appointed representative, which may change from time to time.
- 4.2 STPNOC shall appoint a representative for the STUDY. STPNOC shall furnish NRC with the name of the appointed representative, which may change from time to time.

ARTICLE 5. EXCHANGE AND USE OF INFORMATION

- 5.1 All data obtained from the STUDY will be handled as proprietary information to STPNOC according to applicable laws and regulations. The NRC may use the information provided by STPNOC pursuant to this Agreement solely for purposes of the STUDY and for no other purpose without the prior written consent of STPNOC.
- 5.2 NRC shall not transfer any data obtained to another party without STPNOC agreement under this Agreement.

ARTICLE 6. DISPUTES

Cooperation under this Agreement shall be in accordance with the laws and regulations of the United States. Any questions or disputes concerning the interpretation or application of this

Agreement arising during its term shall be settled by mutual agreement of the Parties. This Agreement does not confer an enforceable payment obligation on any party.

ARTICLE 7. RESPONSIBILITY

7.1 NRC shall have the following responsibilities:

- 7.1.1 Provide funding and project management for the NRC staff and the LABORATORY to participate in the STUDY to the extent appropriated funds are available.
- 7.1.2 Provide funding for the development of data collection tools and results documentation for the STUDY to the extent appropriated funds are available.

7.2 STPNOC shall have the following responsibilities:

- 7.2.1 Provide funding for STPNOC staff members to participate in the STUDY to the extent appropriated funds are available.
- 7.2.2 Provide all simulator data as specified in Articles 2.2 and 2.3 to NRC.
- 7.2.3 Provide a summary of the cooperation experience to NRC before the termination of the Agreement.
- 7.2.4 Identify to NRC any items of concern relating to the release of proprietary or private information.
- 7.2.5 Document the lessons learned from the collaborative project.

ARTICLE 8. TERMINATION

NRC or STPNOC may withdraw from the present Agreement after providing the other Party written notice at least 30 days before the withdrawal date; provided, however, that the use restrictions and confidentiality provisions applicable to the information provided by STPNOC pursuant to this Agreement will survive and remain in effect for a period of ten (10) years following any termination of this Agreement.

ARTICLE 9. MODIFICATION AND INTEGRATION

No modification to this Agreement shall be valid unless written and signed by the undersigned representatives (or their successors) of NRC and STPNOC. This Agreement contains the entire understanding between the Parties, and all understandings are either set forth or incorporated by reference.

ARTICLE 10. ENTRY INTO FORCE

- 10.1 This Agreement shall enter into force upon signature by both Parties and shall remain in force through June 30, 2013, unless terminated in accordance with Article 8. The use restrictions and confidentiality provisions applicable to the information provided by STPNOC pursuant to this Agreement will survive and remain in effect for a period of ten (10) years following any termination of this Agreement.
- 10.2 NRC and STPNOC can mutually agree to extend this Agreement through an exchange of letters and amendment to Article 10 of this Agreement.

<p>FOR THE U.S. NUCLEAR REGULATORY COMMISSION,</p> <p>BY: <u> /RA/ </u> Brian W. Sheron</p> <p>TITLE: <u>Director, Office of Nuclear Regulatory Research</u></p> <p>DATE: <u> 3/16/11 </u></p> <p>PLACE: <u> Rockville, MD </u></p>	<p>FOR THE STP NUCLEAR OPERATING COMPANY,</p> <p>BY: _____ Edward Halpin</p> <p>TITLE: <u>President and Chief Executive Officer</u></p> <p>DATE: _____</p> <p>PLACE: _____</p>
---	--

Attachment ML110700226.APK (107 Bytes) cannot be converted to PDF format.

From: [NRR ET Activity Resource](#)
To: [Grobe, Jack](#)
Subject: FW: Jack: Coordination of Cyber Security Activities between NRO, NRR, and NSIR
Date: Friday, March 18, 2011 12:19:21 PM
Attachments: [Jack Coordination of Cyber Security Activities between NRO NRR and NSIR.msg](#)

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

AG/375

From: [Giitter, Joseph](#)
To: [Ruland, William](#)
Cc: [Meighan, Sean](#)
Subject: Names of people to consider from DORL
Date: Friday, March 18, 2011 12:29:07 PM

Category 1: People skills + specialized engineering expertise: Pete Bamford (extensive reactor engineering/ops experience), John Hughey (cooling water systems expert: pumps, valves, and pipes)

Category 2: People skills + general engineering background: James Polickoski, Rich Guzman, Chris Gratton, Stephen Campbell (SRI at Fermi for 7 years)

Category 3: HP/protective measures: Sean Meighan

Category 4: Structural: Kaly Kalyanam

Category 5: Bomb damage:

Joseph G. Giitter
Director
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

AG/376

From: [Siu, Carolyn](#)
To: [RES International Travel Dist](#)
Cc: [Graves, Herman](#); [Hogan, Rosemary](#); [West, Stephanie](#)
Subject: H. Graves Pre-Trip, OECD/NEA IAGE Workshop, Lyon, France, April 2011
Date: Friday, March 18, 2011 12:33:09 PM
Attachments: [Pre-Trip Notification 2011-03-18-hg.docx](#)

If you have any questions or comments, please contact Herman Graves at 301-251-7625.

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

AG/377

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)	Herman L. Graves, RES/DE Lili Akin, Sandia	• Phone #(s):	301-251-7625 505-284-2604
• E-mail Address(es):	herman.graves@nrc.gov laakin@sandia.gov	• Location(s):	Rockville, MD Albuquerque, NM
• Multiple Travelers:	<input checked="" type="checkbox"/> Less than 4 <input type="checkbox"/> 4 or more (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]:	4/18/2011 - 4/24/2011		
• Destination(s) [City, Country]:	Lyon, France		
• Framework:	<input type="checkbox"/> Export and Import Licensing <input type="checkbox"/> Multilateral Cooperation and Assistance <input type="checkbox"/> Treaties, Agreements, and Conventions <input type="checkbox"/> International Cooperative Research <input type="checkbox"/> Bilateral Cooperation and Assistance <input checked="" type="checkbox"/> International Workshop		
• 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:	Participate in International Workshop on Post-tensioning methods used in Concrete Containment Structures.		
• Desired Outcome:	This OECD/NEA IAGE workshop is intended to engage international participation in a study that will investigate advantages and disadvantages if various post-tensioning methods. Results will benefit NRC regulatory efforts for new reactors, specifically the ongoing review of the AREVA EPR application and existing reactors (license renewal for post-tensioned plants) as will establish common guidance among different countries. Insights from these interactions will be reflected in RG 1.90, Inservice Inspection of Prestressed Concrete Containments with Grouted Tendons.		
• Traveler Role(s):	H. Graves serves as the US representative to the OECD/NEA IAGE Concrete task group and will provide the US design philosophy (NRC guidance and ASME code) and a summary of the US inservice experience for plants licensed by NRC. In addition Mr. Graves is the lead PM for revising several regulatory guides on grouted		

	<p>tendons and is the current PM for a Sandia program that will provide finite-element analysis results for the study.</p> <p>Dr. Lili Akin is the project manager and principal investigator for RES job code V6186, Study on Post-Tensioning Methods (grouted versus un-grouted tendons). Dr. Akin will present results of finite element analysis and other studies during the workshop. It will be of benefit to the research program for Dr. Akin to gain firsthand knowledge of other participants results and approach of post-tensioning methods. Dr. Akin will be able to better document in-service inspection requirements provided in codes and standards used by other workshop participants.</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>	

From: Leeds, Eric
To: Nelson, Robert
Subject: RE: Need your help! - NRO Assistance
Date: Friday, March 18, 2011 12:40:00 PM

Yes – come on by.

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

From: Nelson, Robert
Sent: Friday, March 18, 2011 12:28 PM
To: Leeds, Eric
Subject: RE: Need your help! - NRO Assistance

If you're available, I have a quick Q.

NELSON

From: Leeds, Eric
Sent: Friday, March 18, 2011 12:27 PM
To: Nelson, Robert
Subject: RE: Need your help! - NRO Assistance

Nelson –

Let me know how I can support you! Don't hesitate.

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

From: Nelson, Robert
Sent: Friday, March 18, 2011 12:24 PM
To: Leeds, Eric
Subject: RE: Need your help! - NRO Assistance

Thanks for your prompt support!

NELSON

From: Leeds, Eric
Sent: Friday, March 18, 2011 11:34 AM
To: Johnson, Michael
Cc: Holahan, Gary; Nelson, Robert; Markley, Michael

AG/378

Subject: Need your help! - NRO Assistance

Mike/Gary –

NRR has established a communications team to deal with all the Q&As and help prepare the regions for EOC meetings next week. They're also handling all the Congressional correspondence that's arriving by the boatload. Do you have any PMs/generalists that are good communicators that can help the team, either part or full-time?

If you can help, please provide a contact name to Bob Nelson/ Mike Marley - they're leading our team. Thanks so much!

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

Dean, Bill

From: etravel@carlson.com
Sent: Friday, March 18, 2011 12:48 PM
To: Dean, Bill; Matakas, Gina
Subject: Your Trip 2838319 is pending approval from RI TA CERTIFICATION POOL - MB/WB/KZ

Dear WILLIAM DEAN,

Your travel was approved by BAKER, PAMELA R and is now awaiting approval from RI TA CERTIFICATION POOL - MB/WB/KZ.

Trip ID : 2838319
Traveler : DEAN, WILLIAM
Destination: ROCKVILLE, MD
TDY Type : INFORMATION MEETING
Purpose : ERB Succession Planning Meeting
Trip Dates : 2011-03-22 To 2011-03-23
Status : Pending Authorization Approval

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Please note: Replies to this mailbox are not monitored.

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From: [Case, Michael](#)
To: peter.lyons@nuclear.energy.gov
Subject: Summary of NRC Seismic Regulations
Date: Friday, March 18, 2011 12:48:00 PM

Dr. Lyons:

Brian Sheron asked me to follow up on your request for a short summary on the NRC's Seismic Regulations. Our folks have been working on it and I should have something before the end of the day, sooner if possible.

AG/380

Dean, Bill

From: etravel services@carlson.com
Sent: Friday, March 18, 2011 12:49 PM
To: Dean, Bill; Matakas, Gina
Subject: Voucher (Trip ID: 2746419-1, Voucher ID: 1) approved by BAKER, PAMELA R

Dear WILLIAM DEAN,

Your voucher was approved by BAKER, PAMELA R and is now awaiting approval from NBC APPROVER (DO NOT ADJUST).

Trip ID : 2746419-1
Voucher ID : 1
Traveler : DEAN, WILLIAM
Destination: ROCKVILLE, MD
TDY Type : CONFERENCE ATTENDANCE
Purpose : NRC: Regulatory Information Conference
Voucher Dates : 2011-03-06 To 2011-03-12
Status : Pending Voucher Approval

Thank you for using E2 Solutions. Help and support is available online by selecting the 'Find Answers' link. Please note: Replies to this mailbox are not monitored.

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AG/381

McKelvey, Harold

From: Collins, Elmo
Sent: Friday, March 18, 2011 12:50 PM
To: Uselding, Lara
Subject: RE: Senators visit to Diablo and SONGS

Wow! Thank you!
Elmo

From: Uselding, Lara
Sent: Friday, March 18, 2011 11:27 AM
To: Collins, Elmo
Subject: Re: Senators visit to Diablo and SONGS

Thanks- I've been in touch with both branches and am helping them prepare news clips with coordinating messaging for you.

Lara
Lara Uselding
NRC Region 4 Public Affairs
817-917-0321

From: Collins, Elmo
To: Uselding, Lara
Sent: Fri Mar 18 12:20:34 2011
Subject: FW: Senators visit to Diablo and SONGS

From: Collins, Elmo
Sent: Friday, March 18, 2011 11:02 AM
To: Hay, Michael
Cc: Owen, Lucy; Howell, Art; Miller, Geoffrey; Lantz, Ryan; Pruet, Troy; Powell, Amy
Subject: Senators visit to Diablo and SONGS

All

For communication and coordination, Amy Powell is the POC to use for this trip

Thanks

Elmo

A 61/382

From: [Case, Michael](#)
To: [Munson, Clifford](#)
Cc: [Sheron, Brian](#); [Chokshi, Nilesh](#); [Khanna, Meena](#); [Kammerer, Annie](#); [Ake, Jon](#)
Subject: RE: Fact Sheet on NRC Seismic Regulations
Date: Friday, March 18, 2011 12:53:00 PM

Thanks. You all do terrific work. I'll take a quick look and then zap them over to Pete Lyons.

From: Munson, Clifford
Sent: Friday, March 18, 2011 12:51 PM
To: Case, Michael
Cc: Sheron, Brian; Chokshi, Nilesh; Khanna, Meena; Kammerer, Annie; Ake, Jon
Subject: Fact Sheet on NRC Seismic Regulations

Mike,

See attached. I worked on this with Jon Ake with input from NRR as well. Let me know if you need me to make changes.

Thanks,
Cliff
Clifford Munson, Ph.D.
Senior Level Advisor
U.S. NRC - Office of New Reactors
Division of Site and Environmental Reviews
301-415-6947
clifford.munson@nrc.gov

AG/383

From: EUCI
To: Borhardt, Bill
Subject: NQA-1 Certification Programs Webinar, April 29
Date: Friday, March 18, 2011 12:57:52 PM

NQA-1 Certification Programs



April 29, 2011 :: 12:00 - 1:30 PM Eastern Time

How does a company successfully design and implement an NQA-1 program to participate in nuclear projects?

This webinar will describe exactly what NQA-1 is, discuss its origins, and provide an explanation of the components of an NQA-1 program. It will also provide a road map for companies wanting to establish an NQA-1 program. We will then address how to evaluate the effectiveness of your NQA-1 program whether it is newly established or already in place.

[PDF Brochure](#) | [Pricing and Registration](#)

Topics Include

- Defining an NQA-1 program
- The origin of NQA-1
- Explaining NQA-1 program purpose
- Regulations applicable to NQA-1 programs
- Considerations of quality vs. safety vs. economics in a commercial nuclear environment
- Positives and negatives of the NQA-1 business decision
- Defining an effective road map for NQA-1 program implementation
- Elements of a typical project plan for implementing a NQA-1 program
- Necessary procedures for effectively evaluating an NQA-1 program

[Full Agenda](#)

Instructed By

Howard L. Sobel

Howard L. Sobel has significant expertise and knowledge of NQA-1, having been involved in the nuclear industry and, in particular, quality assurance programs for more than 30 years throughout his professional career. His quality assurance experience is from both the commercial nuclear power industry and US DOE activities at the national labs. He is the principal of his firm working with attorneys on complex issues involving nuclear power plants and other nuclear and non-nuclear facilities, including national labs that have had major upsets in their operations or construction.

[Full Instructor Bio](#)

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From: LIA03 Hoc
To: Liaison Japan
Subject: Test of Group Emailbox (EOM)
Date: Friday, March 18, 2011 1:13:50 PM

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Dean, Bill

From: etravel@carlson.com
Sent: Friday, March 18, 2011 1:01 PM
To: Dean, Bill; Matakas, Gina
Subject: Your Travel Authorization has been approved - 2838319

Dear WILLIAM DEAN,

Your authorization has been approved and you are authorized to proceed with travel.

Access eTS and print a copy of your Approved Authorization before departure.
Per diem authorized at ROCKVILLE, MD

Mileage Rate for KING OF PRUSSIA, PA: \$0.510
Mileage Rate for ROCKVILLE, MD: \$0.510

Trip ID : 2838319
Traveler : DEAN, WILLIAM
Destination: ROCKVILLE, MD
TDY Type : INFORMATION MEETING
Purpose : ERB Succession Planning Meeting
Trip Dates : 2011-03-22 To 2011-03-23
Status : Pending Authorization Approval

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AG/386

From: Kuritzky, Alan
To: Appignani, Peter; Bone, Alysia; Gonzalez, Michelle; Helton, Donald; Leschek, Walter; Sancaktar, Selim; Tobin, Margaret; Wood, Jeffery
Cc: Coyne, Kevin
Subject: FY2011 funding
Date: Friday, March 18, 2011 1:05:35 PM

Just a reminder that when you provide me with your estimates of remaining FY 2011 funding needs, this funding should go through November 2011. If you have been using the values from your 189s then you should be OK, since these values should typically include 2 months carryover. If this changes any of the information that you have sent me previously, please let me know ASAP.

Thanks,
Alan

AG/387

Dean, Bill

From: etravel@carlson.com
Sent: Friday, March 18, 2011 1:07 PM
To: Dean, Bill; Matakas, Gina
Subject: Travel number 2746419-1 has been approved

Dear WILLIAM DEAN,

Approver JODI L MARTINEZ has approved your travel voucher.

The 2746419-1 (1.0) status now: Voucher Pending Audit. Once approved by an auditor, a payment will be scheduled (Status: Voucher Awaiting Payment). When the status is Closed Voucher, your payment has been made.

Trip ID : 2746419-1
Traveler : DEAN, WILLIAM
Destination: ROCKVILLE, MD
TDY Type : CONFERENCE ATTENDANCE
Purpose : NRC: Regulatory Information Conference
Trip Dates : 2011-03-06 To 2011-03-12
Status : Voucher Pending Audit

Thank you for using E2 Solutions. Help and support is available online by selecting the 'Find Answers' link.
Please note: Replies to this mailbox are not monitored.

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From: [Sue Smith](#)
Subject: CRCPD: February/March Newsbrief Edition
Date: Friday, March 18, 2011 1:16:54 PM

The February/March 2011 *Newsbrief* has been posted to the CRCPD website. You may access the *Newsbrief* by clicking the link below: <http://www.crcpd.org/Pubs/Nsbf/Feb-March2011Nsbfd.pdf>

If you have any problems downloading please advise.

Thank you,

Sue

Sue Smith
Executive Office Manager
CRCPD
1030 Burlington Lane, Suite 4B
Frankfort, KY 40601
Phone: 502/227-4543, X2228
Fax: 502/227-7862

AG/389

From: Leeds, Eric
To: Dorman, Dan
Subject: FW: SPF seismic capability
Date: Friday, March 18, 2011 1:25:00 PM

We're having problems identifying the NUREGs. Below is some interesting info. We're still trying.

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

From: Holahan, Gary
Sent: Friday, March 18, 2011 1:23 PM
To: Johnson, Michael; Leeds, Eric
Cc: Howe, Allen
Subject: SPF seismic capability

SFP Cooling SRP

II. ACCEPTANCE CRITERIA

Requirements

Acceptance criteria are based on meeting the relevant requirements of the following Commission regulations:

Mike,
Eric,

With some extra looking into this, it may (hopefully) be that the lack of seismic qualification maybe for the SFP cooling systems as opposed the structure itself.

See SRP below:

If more comes to mind, I will let you know.

Gary

SRF Acceptance Criteria for SP Cooling:

1. General Design Criterion (GDC) 2 contained in Appendix A to 10 CFR Part 50, as related to structures housing the system and the system itself being capable of withstanding the effects of natural phenomena such as earthquakes, tornadoes, and hurricanes. Acceptance for meeting this criterion is based on conformance to positions C.1, C.2, C.6, and C.8 of RG 1.13 and position C.1 of RG 1.29 for safety-related and position C.2 of RG 1.29 for nonsafety-related portions of the system.

This criterion does not apply to the cleanup portion of the system and need not apply to

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~~the cooling system if the fuel pool makeup water system and its source meet this criterion, the fuel pool building and its ventilation and filtration system meet this criterion, and the ventilation and filtration system meets the guidelines of RG 1.52.~~

~~The cooling and makeup system should be designed to Quality Group C requirements in accordance with RG 1.26. However, when the cooling system is not designated Category I it need not meet the requirements of ASME Section XI for inservice inspection of nuclear plant components.~~

From: Nguyen, Quynh
To: Steger (Tucci), Christine
Cc: Leeds, Eric; Nelson, Robert; Meighan, Sean; Cohen, Shari
Subject: ACTION -- Info for All NRR Staff
Date: Friday, March 18, 2011 1:26:49 PM

7:6
<http://portal.nrc.gov/edo/nrr/default.aspx>

The NRR SharePoint Home has info that the NRR staff can look at regarding Japan.

Can you work on a PMDA Notice for NRR Distribution? Leeds is OK with it.

Nelson has asked Mindy Laudau to review if SitReps would be appropriate. Still waiting for decision.

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From: [Case, Michael](#)
To: [Khanna, Meena](#)
Cc: [Sheron, Brian](#); [Chokshi, Nilesh](#); [Kammerer, Annie](#); [Ake, Jon](#); [Munson, Clifford](#); [Wilson, George](#)
Subject: RE: Fact Sheet on NRC Seismic Regulations
Date: Friday, March 18, 2011 1:27:00 PM

Thanks that's perfect.

From: Khanna, Meena
Sent: Friday, March 18, 2011 1:26 PM
To: Case, Michael
Cc: Sheron, Brian; Chokshi, Nilesh; Kammerer, Annie; Ake, Jon; Munson, Clifford; Wilson, George
Subject: RE: Fact Sheet on NRC Seismic Regulations

Hi Mike,
Cliff asked me to send you the clean versions of the fact sheet...one has the information bulletized and the other is in narrative form...thanks!
meena

From: Munson, Clifford
Sent: Friday, March 18, 2011 12:51 PM
To: Case, Michael
Cc: Sheron, Brian; Chokshi, Nilesh; Khanna, Meena; Kammerer, Annie; Ake, Jon
Subject: Fact Sheet on NRC Seismic Regulations

Mike,

See attached. I worked on this with Jon Ake with input from NRR as well. Let me know if you need me to make changes.

Thanks,
Cliff
Clifford Munson, Ph.D.
Senior Level Advisor
U.S. NRC - Office of New Reactors
Division of Site and Environmental Reviews
301-415-6947
clifford.munson@nrc.gov

AG1/392

Murphy, Andrew

From: Murphy, Andrew
Sent: Friday, March 18, 2011 1:30 PM
To: Khanna, Meena
Subject: Accepted: FW: TIME CHANGE - Preparation for Q&As for Monday's Commission Meeting

AG 1393

From: [Ferrante, Fernando](#) on behalf of [Gonzalez, Michelle](#)
To: [Gonzalez, Michelle](#); [Wood, Jeffery](#); [Ferrante, Fernando](#); [Coyne, Kevin](#); [Zoulis, Antonios](#); [Stambaugh, Margaret](#); [Appignani, Peter](#); [Robert F Buell](#); Curtis.Smith@inl.gov; Ted.Wood@inl.gov
Cc: [Rodriguez, Veronica](#)
Subject: FW: PRIB discussion
Attachments: [Conference Details \(MAR 18 2011--0100 PM ET--Conf# 6109313\).msg](#)

When: Friday, March 18, 2011 1:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-04C19-18p-VTC

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

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

Michelle, Jeff,

It seems this will now clash with tomorrow's All Hand. Can it be moved?

Thanks,
Fernando

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

From: Gonzalez, Michelle
Sent: Monday, March 14, 2011 1:27 PM
To: Gonzalez, Michelle; Ferrante, Fernando; Zoulis, Antonios; Stambaugh, Margaret; Appignani, Peter; Wood, Jeffery; Robert F Buell; HYPERLINK "mailto:Curtis.Smith@inl.gov" Curtis.Smith@inl.gov; HYPERLINK "mailto:Ted.Wood@inl.gov" Ted.Wood@inl.gov
Cc: Coyne, Kevin; Rodriguez, Veronica
Subject: PRIB discussion
When: Friday, March 18, 2011 1:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-04C19-18p-VTC

When: Friday, March 18, 2011 1:30 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-04C19-18p-VTC

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

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

Hello all,

As discussed in our phone call today, the purpose of this meeting will be to review/discuss INL's PRIB proposal.

INL will send us their first shot at the Indian Point PRIB either late Thursday evening or early Friday.

Thanks,

Michelle

AG/394

Attachment Conference Details (MAR 18 2011--0100 PM ET--C_1.msg (2560 Bytes) cannot be converted to PDF format.

From: Homeland Security NewsWire
To: Leeds, Eric
Subject: Battle over airport priorities
Date: Friday, March 18, 2011 1:31:31 PM

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Homeland Security News Wire



Vol. 5, Friday, 18 March 2011

Security vs. privacy at U.S. airports

The brief // by Ben Frankel

The color of truth is always gray

Those who object to thorough security checks at airports have every right to hold on to their belief that TSA employs methods that are too intrusive, but the majority of travelers prefer greater safety even if achieving it may compromise some people's notions of privacy; we should recall the era when smoking was permitted on planes: you could choose to sit in either the "smoking" or "non-smoking" seats; trouble was, a plane is a closed tube, so within minutes of take-off, everybody on board was engulfed in cigarette smoke, whether or not he or she was a smoker; by the late 1980s the airlines, with government encouragement, banned smoking on planes; the reason: smokers have rights, but they have no right to turn non-smokers into second-hand smokers and thus heighten non-smokers' risk of dying of lung cancer; there is a lesson here for the debate over privacy and security at airports: we should assume that some people feel strongly that their privacy and dignity are being compromised by full-body scanning; we should respect their views, but they have no right to ask the rest of us to take greater risks with our lives because of their strongly held views with regard to privacy

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AG1395

From: [Jolicoeur, John](#)
To: [Ruland, William](#)
Subject: Out of Office: Candidates to interact with senior government officials
Date: Friday, March 18, 2011 1:31:22 PM

I'll be out of the office on 3/18/2011. In my absence, please contact Sheldon Stuchell(Sheldon.Stuchell@nrc.gov , 301-415-1847)

Regards,

John Jolicoeur, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

AG/396

From: [Siu, Carolyn](#)
To: [Demoss, Gary](#); [Coyne, Kevin](#); [Kuritzky, Alan](#)
Subject: Carl Elks
Date: Friday, March 18, 2011 1:34:01 PM

All,

Please bring Mr. Elks by my desk after the interview to sign his travel voucher. 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

AG/397

From: [Brown, Frederick](#) |
To: [Thorp, John](#)
Cc: [Sigmon, Rebecca](#); [Thomas, Eric](#); [Boger, Bruce](#); [Leeds, Eric](#); [Westreich, Barry](#)
Subject: RE: Request for Comment on Management Directive and Handbook 5.12, "INES Participation"
Date: Friday, March 18, 2011 1:35:02 PM

John,

Please prepare a briefing for Eric, focusing on the pros and cons of the four issues that you identified, including whether the new changes depart from the original SECY/SRM by which the Commission approved our participation in the INES reporting system.

Thanks,
Fred

From: Thorp, John
Sent: Wednesday, March 16, 2011 10:21 PM
To: Brown, Frederick
Cc: Sigmon, Rebecca; Thomas, Eric
Subject: FW: Request for Comment on Management Directive and Handbook 5.12, "INES Participation"

Fred,

Please see Rebecca's summary based on her review of the proposed revision to MD5.12, "INES Participation". This includes the change that Cyndi Jones wanted to make relative to report even low level events that have international public interest, so we could find ourselves needing to possibly report level zero or one rated events in such a case, depending on the level of international public interest there seems to be. Our sense of it in IOEB is that it would not produce a significant number of reports per year to INES for events rated less than level 2, but (obviously) more than we've reported in the past under the current criteria.

I think this is the only change that ought to be discussed with Bruce Boger and/or Eric Leeds, to determine their opinion on whether to support or oppose this change. The benefit of supporting is that it's in the interest of openness. The potential negative at least for a time after a change like this, is that low significance events may be perceived as more serious than they really are, simply because they were reported.

It seems to me the benefits would outweigh the potential negatives, so I would suggest we agree with the revision.

Rebecca and/or I can come talk to you about this if you like, and I'll await feedback from you before we provide our concurrence comments to Cyndi.

John

From: Sigmon, Rebecca
Sent: Monday, March 14, 2011 9:52 AM
To: Thorp, John
Subject: RE: Request for Comment on Management Directive and Handbook 5.12, "INES Participation"

AG/398

John,

Attached is a .pdf version of the proposed MD 5.12. I've inserted sticky note comments on the only 4 items that I think are worth noting.

1. The new version uses the term "48 business hours" instead of "2 working days." I don't think this materially changes anything, though I think it might be more rather than less confusing.
2. The new version no longer contains wording that allows a deviation from the rating methodology of the INES User's Manual if approved by the office director. Practically speaking I don't think this will have much effect on rating reactor events as the level of subjectivity involved at arriving at a rating is high enough that a rating appropriate to the situation can be assigned using methods in the manual, but it is a change worth noting.
3. The proposed version states that reports will be submitted for events rated level 2 or above, or for events attracting international public interest. The current version requires submission of events rated level 2 or above unless specifically requested by an INES member country or the IAEA. The proposed version will lower the threshold for submission of events which attract media interest, and will **likely result in at least one additional submission a year.**
4. The proposed version clarifies that the event rating form requires approval at the branch chief level prior to submission. IOEB policy is to obtain office director review of the event rating prior to submission.

My recommendation is that this proposed version is fine, but NRR management should be aware that the wording will likely result in more report submissions due to the lower threshold for defining "international interest." If this is not desired, we should provide feedback to change the wording for reporting requirements back to what is included in the current version. I believe this change was deliberate, so if we want to change it back I imagine there will be some back and forth with NSIR.

I don't know if you want to review this and forward it to Fred? Or would you rather I typed up a memo for his review?

Rebecca Sigmon
Reactor Systems Engineer
NRR/DIRS/IOEB
Operating Experience Branch
(301) 415-4018
Rebecca.Sigmon@nrc.gov

From: Thorp, John
Sent: Tuesday, March 08, 2011 7:21 AM
To: Sigmon, Rebecca
Subject: RE: Request for Comment on Management Directive and Handbook 5.12, "International Nuclear and Radiological Event Scale (INES) Participation."

Sounds good Rebecca. I wonder too whether Fred will go along with the draft change for international events of interest. It also seems to make sense that we at least have a Division Director approval for issuance of an INES report, or maybe allow the ET to sign for approval to release a report, since they often speak for the Office Director anyway.

Thanks,

John

From: Sigmon, Rebecca 
Sent: Monday, March 07, 2011 2:47 PM
To: Thorp, John
Subject: RE: Request for Comment on Management Directive and Handbook 5.12, "International Nuclear and Radiological Event Scale (INES) Participation."

I can do that. I think the due date for NRR is 3/27. I'm at the PDC the rest of this week, but I should be able to have something to Liza Friday afternoon to circulate next week once everyone's done with the RIC. The only two changes of real substance that I noted were:

1. There used to be a provision that while ratings were done in accordance with the INES manual, slight deviations were allowed with the approval of the office director. This sentence has been removed, so the sentence now reads,
"The methodology for reviewing events for possible reporting using the INES will follow the methodology provided in "The International Nuclear and Radiological Event Scale (INES) User's Manual, 2008 Edition."

I think there's still a little wiggle room since the paragraph that opens the section says,
"***In general***, the NRC's implementation of the INES will be performed in accordance with the guidance and rating methodology provided in "The International Nuclear and Radiological Event Scale (INES) User's Manual, 2008 Edition." (emphasis mine).

2. The other change is in how events rated 0 or 1 but of international interest are considered. The old version stated,
"Reports are issued for all events rated as level 2 or higher, or as requested by another INES member nation."

The new version reads,

"Reports will be submitted to IAEA according to the agreed criteria in "The International Nuclear and Radiological Event Scale (INES) User's Manual, 2008 Edition" which are:

- (a) Events rated at level 2 or above, or
- (b) Events attracting international public interest."

I think this change was deliberate, and done as a response to the TMI contamination incident which, at the request of OPA, we did not submit. I would be interested to know what Fred thinks of this one.

The only other changes that struck me – she changed "2 working days" to "48 business

hours.” I think she means the same thing, but that seems a little more awkward, especially as I could see an interpretation of “business hours” meaning 0700-1700 or something like that, meaning that 48 business hours could stretch for a week. Which I am sure is not her intent at all. But this may be a term that’s more commonly used than I’m aware of.

Also, the old version said that draft event review forms would be approved by “a first-tier Senior Executive Service manager (i.e., a branch chief).” This now reads (less confusingly) “a first-tier manager (that is, a branch chief).” Our general practice has been to get office director approval. (It would be interesting to see Fred’s reaction if you and I got together one day and decided to send out an event to the INES without his knowledge). I think branch chief level approval might be more representative of the process as it occurs over in FSME, where submissions are more like 5 a year rather than once every 5 years. Our branch handbook and the IOEB INES desktop guide are clear that office director approval is required.

Rebecca Sigmon
Reactor Systems Engineer
NRR/DIRS/IOEB
Operating Experience Branch
(301) 415-4018
Rebecca.Sigmon@nrc.gov

From: Thorp, John 
Sent: Monday, March 07, 2011 2:17 PM
To: Sigmon, Rebecca
Subject: RE: Request for Comment on Management Directive and Handbook 5.12, "International Nuclear and Radiological Event Scale (INES) Participation."


I’m not expert on this either Reb. I guess I should be.

I’m thinking a comments document in word with description of changes and applicable comments, with a cover memo that indicates something to the effect of, “With the consideration and incorporation of the attached comments, NRR concurs”. He may want to provide the cover memo statement in an e-mail. When is the Yellow Ticket due? This doesn’t change the scope of what’s reported does it? I know Cyndi was strong on us reporting a lot more, especially things that are even of local media interest...

What do you think?

Thanks,

John

From: Sigmon, Rebecca 
Sent: Monday, March 07, 2011 1:21 PM

To: Thorp, John

Subject: FW: Request for Comment on Management Directive and Handbook 5.12, "International Nuclear and Radiological Event Scale (INES) Participation.

John,

I've read through the MD 5.12 revision, and with the exception of a couple interesting changes, it's mostly an administrative rather than a substantive revision. The yellow ticket says to submit comments electronically via the adobe file in ADAMS (though Cyndi had said that she was fine with comments emailed to her in Word), but presumably as this is NRR's concurrence I need to pass it up the chain before I go and enter any comments. I haven't done this particular process before, should I write up a memo with the changes from the previous version and noting any comments we have on this version for concurrence by, who, Fred? (It was assigned to DIRS with Fred as the contact). Or in the spirit of our paperless 21st century office culture should I enter my comments electronically and send the local version up for electronic review and concurrence? (Somehow I'm guessing no...)

Rebecca

From: Salus, Amy

Sent: Wednesday, March 02, 2011 3:49 PM

To: RidsEdoMailCenter Resource; RidsOgcMailCenter Resource; RidsOigMailCenter Resource; RidsOcaMailCenter Resource; RidsOpaMail Resource; RidsAdmMailCenter Resource; RidsFsmeOd Resource; RidsNrrOd Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsNrrOd Resource; RidsNrrMailCenter Resource; RidsRgn4MailCenter Resource; RidsRgn3MailCenter Resource; RidsRgn2MailCenter Resource; RidsRgn1MailCenter Resource; McIntosh, Angela; Decker, David; Powell, Tamara; Harrington, Holly; Sigmon, Rebecca; StAmour, Norman; Gott, William

Subject: Request for Comment on Management Directive and Handbook 5.12, "International Nuclear and Radiological Event Scale (INES) Participation.

March 2, 2011

MEMORANDUM TO: Those on the Attached List

FROM: James T. Wiggins, Director */RA/ Michele Evans for*
Office of Nuclear Security and Incident Response

SUBJECT: REQUEST FOR COMMENT ON MANAGEMENT DIRECTIVE
AND HANDBOOK 5.12, "INTERNATIONAL NUCLEAR AND
RADIOLOGICAL EVENT SCALE (INES) PARTICIPATION"

Please provide your comments electronically on the enclosed Adobe file enabled for commenting no later than April 1, 2011 to Cynthia Jones, NSIR/OD 301-415-0298

From: Gonzalez, Felix
To: Richards, Stuart; Gibson, Kathy; Uhle, Jennifer; Case, Michael; Sheron, Brian; Scott, Michael; Coyne, Kevin
Subject: NMSS Management Meeting
Date: Friday, March 18, 2011 1:37:37 PM

All:

Please, Let me know if you have any input for NMSS Management Meeting on Tuesday.

Thanks:

FELIX E. GONZALEZ
Project Manager
RES/DRA/Fire Research Branch
301-251-7596

AG/399

From: [Hudson, Daniel](#)
To: [RidsResPmdaMail Resource](#)
Cc: [Coyne, Kevin](#); [Ibarra, Jose](#)
Subject: ATMIS 2010467 - Long-Term Research Program Update
Date: Friday, March 18, 2011 1:40:34 PM
Attachments: [RESPONSE DRA Update for LTRP Budget Spreadsheet.msg](#)

Kevin (Johnson),

The attached message closes ATMIS 2010467. Please let me know if you have any questions.

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

AG/3400

Attachment RESPONSE DRA Update for LTRP Budget Spreadshee.msg (2560 Bytes) cannot be converted to PDF format.

From: [Gray, Kathy](#)
To: [Ruland, William](#)
Subject: Out of Office: Confirmation is requested for RST Director Schedule - 3/18-3/25
Date: Friday, March 18, 2011 1:41:37 PM

I am out of the office on Friday, March 18.

If you require immediate attention regarding the RST Director schedule, please contact the branch administrative assistant, Liza Cunningham at 301-415-3226.

Otherwise, I will respond to your email on Monday, March 21.

Thanks and have a good weekend.

AG/401

Beasley, Benjamin

From: Beasley, Benjamin
Sent: Friday, March 18, 2011 1:42 PM
To: Marksberry, Don
Cc: Criscione, Lawrence
Subject: Completion of User Need Task

Don,

In your spreadsheet on User Need NRR-2010-017, task 1.b.i should be marked Complete. The email containing the requested information is in ADAMS ML110060511.

Ben

AG/402

From: [FranklinCovey Training](#)
To: [Lubinski, John](#)
Subject: How Often do You get Everything Done in Your Day?
Date: Friday, March 18, 2011 1:43:19 PM

To view this email as a web page, go [here](#).



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AG/403



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From: [Wilson, George](#)
To: [Case, Michael](#)
Subject: RE: Fact Sheet on NRC Seismic Regulation
Date: Friday, March 18, 2011 1:43:43 PM

Thanks

From: Case, Michael
Sent: Friday, March 18, 2011 1:31 PM
To: peter.lyons@nuclear.energy.gov
Cc: Sheron, Brian; Uhle, Jennifer; Munson, Clifford; Kammerer, Annie; Khanna, Meena; Chokshi, Nilesh; Wilson, George
Subject: Fact Sheet on NRC Seismic Regulation

Dr. Lyons:

Per your discussions with Brian, please find attached a one-page fact sheet on the NRC's Seismic Regulations (same information, one narrative, one bulletized).

AG/404

Owen, Lucy

From: Excel® Training by SkillPath [skillpath@skillpath.rsys3.com]
Sent: Friday, March 18, 2011 1:45 PM
To: Collins, Elmo
Subject: Excel 2007 PivotTables: You can master them too! \$50 off video training that packs a punch.

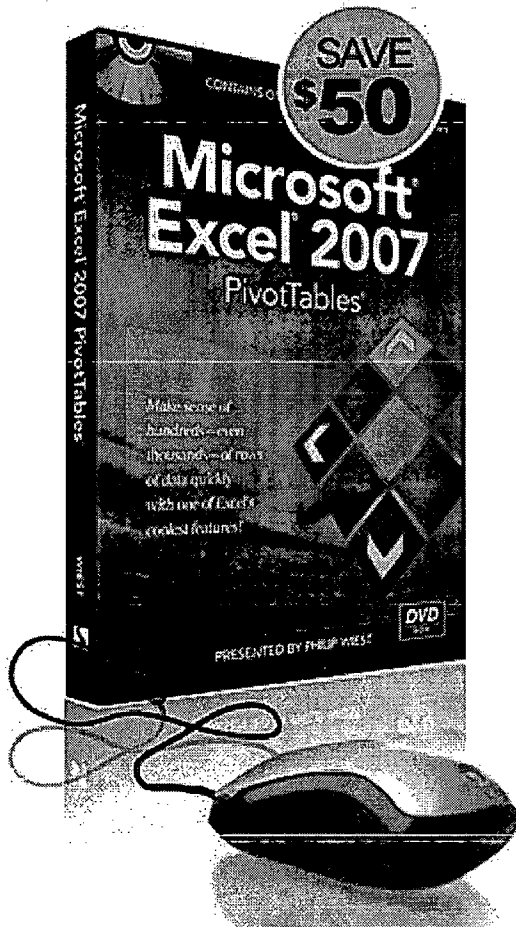
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From: Flory, Shirley
To: Purdie, Deonna; Armstrong, Kenneth; Bagley, Susan; Baxter, Brad; Biddison, John; Bonaccorso, Amy; Bowman, Gregory; Case, Michael; Chalk, Wayne; Clark, Theresa; Coe, Doug; Coyne, Kevin; Cruz, Holly; Cullison, David; Dion, Jeanne; Doolittle, Elizabeth; Gibson, Kathy; Harris, Paul; Hoxie, Chris; Hudson, Daniel; Uhle, Jennifer; Littlejohn, Jennene; Bano, Mahmooda; Muesle, Mary; Nerret, Amanda; Ott, William; Pederson, Perry; Pope, Tia; Resner, Mark; Richards, Stuart; Rini, Brett; Santiago, Patricia; Scott, Michael; Sheron, Brian; Flory, Shirley; Tabakov, Emil; Veltri, Debra
Subject: CANCELATION: MONDAY's (MARCH 21) 8:45 AM STAFF MEETING IS CANCELLED.
Date: Friday, March 18, 2011 1:45:44 PM
Importance: High

AG/406

Zabel, Joseph *All*

From: Sherbini, Sami
Sent: Tuesday, March 15, 2011 1:47 PM
To: Wach, Lisa; Zabel, Joseph
Attachments: NEA-EGOE and IRSN 03-2011 Trip Report.docx

Lisa, Joe,

The trip report for Tony's and my last foreign trip is attached for technical editing (Joe) and for inclusion in a concurrence package with the usual list, including Tony, me, and Stephanie. Thanks.

Sami

AG/407

NRC INTERNATIONAL TRAVEL TRIP REPORT

Traveler, Office, Division, Phone Number:

Anthony Huffert
Senior Health Physicist
Health Effects Branch
Division of Systems Analysis
Office of Nuclear Regulatory Research
Tel: 301-251-7506

Sami Sherbini, Senior Level Advisor
Division of Systems Analysis
Office of Nuclear Regulatory Research
Tel: 301-251-7508

Subject:

Radiation protection activities at the Organization for Economic Cooperation and Development - Nuclear Energy Agency's (OECD-NEA's) Expert Group on Occupational Exposure (EGOE) and the Institut de Radioprotection et de Sûreté Nucléaire (IRSN).

Dates of Travel and Countries/Organizations Visited:

Start of Trip: February 27, 2011
End of Trip: March 5, 2011
Countries Visited: France
Organizations Visited: OECD-NEA and IRSN

Desired Outcome:

- Participate in the NEA's EGOE ninth meeting to complete work on a report on dose constraints and begin work on a new report on technical and policy issues for occupational radiation protection at nuclear power plants
- Establish an agreement with IRSN to collaborate in sample analysis for cytogenetic testing in cases where the affected labs in the USA or France do not have the capacity to analyze a large number of samples, and also to collaborate in developing cytogenetics procedures to improve the accuracy and speed of the analyses, including expanding the degree of automation of the analysis process, thereby speeding the analysis considerably.

Results Achieved:

- Participated in the ninth meeting of the EGOE to obtain information on the status of NEA member countries' policies, regulatory developments, and good practices on the use of dose constraints. EGOE is developing information on costs of implementing International

Commission on Radiological Protection (ICRP) recommendations that may provide needed information to the NRC staff for its ongoing analysis of options and impacts of moving NRC's radiation protection standards toward greater alignment with recommendations outlined in the 2007 recommendations of the ICRP.

- The meeting between the cytogenetics scientists from the Oak Ridge and IRSN laboratories and NRC and IRSN staff resulted in greater understanding of the capabilities of each laboratory, plans for expansion and increased automation of the sample analysis process, research interests, and agreement that collaboration is very important. Agreement was reached on the specific first steps to take toward establishing collaboration between the two laboratories.
- Established additional contacts with international experts on radiation protection.

Summary of Trip:

Background

OECD-NEA: For years, the NRC staff has participated in radiation protection activities conducted by the OECD-NEA. The broad mission of NEA's Committee on Radiation Protection and Public Health (CRPPH) is to identify new and emerging issues and to recommend or take action to enhance radiation protection regulation in NEA member countries. The CRPPH's EGOE builds on operational and regulatory experience to support the review and development of occupational radiation protection guidance and good practice. Since its formation in January 2007, EGOE has held eight meetings and developed a report (case study) that examined operational radiological protection objectives for newer reactor designs. At the conclusion of this first case study, EGOE began a second case study to investigate occupational radiation protection policy and practice in view of the 2007 recommendations contained in ICRP Publication 103, focusing on dose constraints.

IRSN: In 2006, NRC and IRSN signed a five-year bilateral agreement entitled, "Technical Exchange and Cooperation Arrangement between the United States Nuclear Regulatory Commission and the Institut de Radioprotection et de Sûreté Nucléaire of France in the Field of Nuclear Safety Research." This agreement included radiation protection and knowledge management. In 2009, the NRC staff visited IRSN's facilities and met with IRSN staff to identify projects for future collaboration on radiation protection research and methods for implementing regulatory requirements. During this trip, the NRC delegation discussed one specific area of potential collaboration (cytogenetic biodosimetry) with IRSN experts.

Discussion

EGOE The ninth meeting of the EGOE, chaired by Gerhard Frasch of the Bundesamt für Strahlenschutz in Oberschleißheim, Germany, began with a general discussion of the CRPPH Bureau meeting held in January 2011. The Bureau agreed that the EGOE's second case study on dose constraints should be sent to the CRPPH for review and approval in two months. Accordingly, the EGOE members discussed their comments on earlier versions of the draft report and outlined a process to complete the case study report in support of this goal. The Bureau also directed EGOE to begin a new case study on policy and practical issues in occupational radiation protection at nuclear power plants (case study 3). During this meeting,

EGOE members made preparations for two technical presentations (the conclusions of case study 2 and the scope of case study 3) at the 69th meeting of the CRPPH, which is scheduled for May 15-19, 2011 in Paris. A topical session on dose constraints will be included in this meeting and will feature an ICRP committee member who will speak on this topic.

During the EGOE meeting, Stefan Mundigl of the European Commission (EC) informed EGOE that the EC recently convened a new working group to address dose constraints. Other topics discussed at this meeting included a summary of the EGOE presentation on the first case study at the November 2010 Information System on Occupational Exposure (ISOE) International Symposium on Occupational Exposure Management at Nuclear Facilities symposium in Cambridge, United Kingdom; information on the January 2011 ISOE ALARA symposium in Ft. Lauderdale, Florida; and ongoing coordination between EGOE and the NEA's Expert Group on Best Available Techniques, which plans to conduct a workshop on "Good Practice in Effluent Management for New Build" during January 2012 in Paris. In addition to these activities, EGOE is currently developing information on implementation approaches for ICRP Publication 60 to assist assessment of ICRP Publication 103 implementation costs. This study should be completed in May 2011. The next (tenth) meeting of the EGOE is scheduled at the OECD Conference Centre in Paris on October 4-5, 2011.

The meetings at IRSN resulted in greater understanding by the involved parties of each laboratory's capabilities and limitations, their areas of interest, their plans for future improvements and expansions, and their research interests. It was agreed that collaboration in sample analysis in situations involving sample volumes beyond the capabilities of a single laboratory is an urgent need. It was also agreed to start collaborative efforts on a small scale to test possible collaboration protocols and, if these succeed, expand the collaborations. It was agreed that the first step would be an exchange of a set of cell slides that were developed by the Oak Ridge laboratory for development of calibration curves for low-energy x-rays, an energy range for which the IRSN laboratory had not developed calibration curves. The Oak Ridge laboratory also provided IRSN with two sample slides for analysis on IRSN's automatic scanning equipment, with the object of comparing the rates of error obtained by the two laboratories when using automatic scanning equipment.

Pending Actions/Planned Next Steps for NRC:

- 1) RES staff will continue to support EGOE activities by providing technical information and reviewing draft EGOE documents that are under development during the next several months.
- 2) RES staff plans to participate in the 69th meeting of the CRPPH, scheduled for May 15-19, 2011, and the tenth EGOE meeting, scheduled for October 4-5, 2011, at OECD facilities in Paris, France.
- 2) Continued collaboration with IRSN on cytogenetic biodosimetry.

Points for Commission Consideration/Interest:

None.

Attachments:

Meeting agenda for the ninth EGOE meeting.

✓ **Dean, Bill**

From: Dean, Bill
Sent: Friday, March 18, 2011 1:58 PM
To: Lew, David
Subject: Re: awards

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

From: Lew, David
To: Dean, Bill
Sent: Fri Mar 18 12:26:29 2011
Subject: RE: awards

Touched base with Chris. She drafted but it was email to Pam who just got into the office. I asked that a raw email was fine because I want to get it out ahead of the 2 pm all employees meeting so I can acknowledge it verbally to all staff as well.

From: Dean, Bill
Sent: Friday, March 18, 2011 12:24 PM
To: Lew, David
Subject: Re: awards

Yeah, one of our faults is sometimes taking the approach that it is easier to do it ourselves. If they offered proactively, we ought to let them follow thru. Maybe a mild prompting about wanting to get it out today?
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Lew, David
To: Dean, Bill
Sent: Fri Mar 18 12:14:06 2011
Subject: RE: awards

I know. DRM offered (without my soliciting) to draft an email for me, so I accepted. I would have expected to edit it before I sent out. Nevertheless, I saw that a proactive. However, things don't seem to get generated quickly. I remember you drafting something previously, because you got tire of waiting.

From: Dean, Bill
Sent: Friday, March 18, 2011 12:01 PM
To: Lew, David
Subject: Re: awards

Ok. Would be good to at least come from your email. Doesn't seem to be challenging task.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Lew, David
To: Dean, Bill
Sent: Fri Mar 18 12:00:33 2011
Subject: RE: awards

I was thinking the same thing. While DRM offered to write an all employees email for me, I may go ahead and write it myself. I'll see where they are at first.

From: Dean, Bill
Sent: Friday, March 18, 2011 11:56 AM
To: Lew, David
Subject: Fw: awards

May be nice to add jeff into our office wide message on awardees. Assume it is going out soon. If not, I can send out monday.
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: McCrary, Cheryl
To: OI Nationwide Distribution
Cc: Dean, Bill; Lew, David; Farrar, Karl
Sent: Fri Mar 18 11:25:05 2011
Subject:

OI All ~

Please join me in congratulating **Senior Special Agent Jeff Teator, OI:RI**, on being named a recipient of the NRC Meritorious Service Award! The NRC Commission approved this Meritorious Service Award recognition, which will be awarded in a ceremony scheduled for Tuesday, June 14, 2011.

We are extremely proud of Jeff's achievement, and of his years of exemplary service to the NRC Office of Investigations.

Congratulations, Jeff!

Regards,
Cheryl

Cheryl L. McCrary
Director
Office of Investigations
U.S. Nuclear Regulatory Commission
301-415-2373 office
301-415-2370 fax

From: Givvines, Mary
To: NRR PMDA Distribution
Cc: Leeds, Eric; Grobe, Jack; Boger, Bruce; Cohen, Shari; Schwarz, Sherry; 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; Ruland, William; Skeen, David; Westreich, Barry
Subject: Weekly "Chat"
Date: Friday, March 18, 2011 1:59:48 PM

Happy Friday to all,

I am issuing my 'Chat' early since I will be out of the office all next week on vacation with my children. Kimberly will be in an Acting Director capacity all week.

My Message of the Week:

What I recognized even more this week is how truly proud I am to be part of the NRC family – what I've witnessed over and over again is the truly dedicated and caring individuals we having working in this agency at all levels.

As I indicated in my message earlier this week, in light of the events in Japan, I think that this week is especially important to think about and really treasure all the good in our life. I'm sure we are all feeling some level of sadness by these tragic events and we should keep those who are affected in our thoughts. I really appreciate your continued focus on the day-to-day activities and to those who are supporting the emergency response activities.

What Are You Grateful For?

God, family, life and job. - Anonymous

I'm grateful that I have a job here at the NRC and that my work is valued, respected, and makes a difference. I'm grateful for my colleagues at the NRC because they encourage me to be the best me at work I can be. – Karenina

I'm grateful that I am employed, and can help provide for my family.
I'm grateful that my employment allows me to give to those most in need. I'm grateful for a government that I know – without regard to social, political, or financial status – will do all within its capability to keep every citizen safe, healthy, and free; I'm grateful for a government that will assist the citizens of any other country with a legal right to be within our borders... I'm grateful for the opportunity to be a civil servant... to be a Civilian Patriot.
- Anonymous

I am grateful for all of the things I am blessed with, and all of the things I am blessed to be without. Regardless of circumstance, in this moment, if you are able to read this – you too, are immensely blessed. – Anonymous

I'm grateful to work with people that although may not always agree to something that are ALWAYS friendly in the hallways! – Sylvia

New Ideas!

AG/409

- "Name the Portal Contest" – we need to name the new SharePoint portal for Space/IT issues with something unique and memorable.
- Thank you Barbara for feeding PMDA!
- Keep Smiling!
- As it states in my child's elementary school, "work hard, be nice!"
- Let's plan a cookout/pool party!

Highlights – What's Happening?

- First, I want to recognize and thank Lorna, Liz and Betsy for a tremendous job well done at this year's Regulatory Information Conference (RIC). The program was a huge success and we have received an incredible amount of positive feedback from the participants, Commission, and NRC management and staff. There are many others that deserve to be recognized both within PMDA and outside the organization for pulling this significant event together.
- We received another Continuing Resolution for government funding through April 8.
- Our financial staff continues with FY2013 budget formulation activities..
- The Infrastructure Services Branch is in the process of updating the Assembly and Accountability Plan for NRR. In PMDA, we are looking for volunteers for Floor and Stairwell Monitors for the 13th floor. If you are interested, please contact Lauren Claggett for additional details.
- We have a number of staff that have supported OIP and OPA this week and some volunteers that will continue to support through the weekend.

Looking Ahead:

- It's that time of year again where we begin to work on evaluations and assessments. This includes the Senior Performance Officials (SPO) reports process (assessing office performance, which includes a peer-review between offices) and our mid-year performance reviews and discussions. I encourage all staff to start thinking about their accomplishments and training needs for the mid-year discussions.
- Sandra Walker has once again coordinated the All Administrative Assistant's Meeting with Eric Leeds which is scheduled for Thursday, March 24.
- The third quarter Advanced Procurement Plans (APP) are due to the Contracts Branch by March 25 and the Funds Utilization Plans (FUP) are due early April.
- A recognition ceremony for the Combined Federal Campaign office coordinator and keyworkers will be held on March 29th.

- There will be an NRR All Supervisors Meeting on March 30.

Staff Update:

- Michael Lee officially starts with BFEB next week.
- The Organizational Effectiveness Advisors, Laura Gerke and Ilyne Miller, will permanently be reporting directly to the PMDA front office.
- Cynthia Dorsey has transitioned all Property Custodian duties for PMDA to Tasheena Burton. Tasheena will maintain and process all PMDA Form 30 requests.
- OIS sponsored an Awards Ceremony for two successful Lean Six Sigma Projects on Thursday, March 17th. Barbara Jenkins was recognized for her participation in the Software Acquisition Project and Bryan Champion for his participation in the Enterprise Wide Contracts Project.

Kudos:

I want to again congratulate Sandra Walker who will be receiving the Meritorious Award at the NRC Award Ceremony this year. This is a great honor and so deserved!

Bren received a beautiful, daisy-covered card last week – hand-delivered – from DLR's management team simply stating, "Thanks for all you support!" A simple – but very meaningful – message.

Quote of the Week:

"Life is a succession of lessons which must be lived to be understood." - **Ralph Waldo Emerson**

Have a great weekend and week!

Mary

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**

From: [Ramsey, Jack](#)
To: [Mamish, Nader](#); [Ruland, William](#)
Subject: Canceled: Staffing Issue
Importance: High

When: Friday, March 18, 2011 2:00 PM-3:00 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O4-D-2

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

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

AG/410

From: government2-bounces+ejl=nrc.gov@lists.aliconferences.com on behalf of [Lisa McClear, ALI Conferences](#)
To: [Leeds, Eric](#)
Cc: [ALI Conferences Government Notification List - Part 2](#)
Subject: Best Practices in Talent Management for Government: June 13-16, 2011 in D.C. - Register Today
Date: Friday, March 18, 2011 2:02:21 PM

Strategic talent management impacts your organization's effectiveness dramatically. Attend this conference to discover the latest actionable tools and successful strategies to help you leverage the power of your people to achieve maximum performance!

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Practical Strategies For
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Performance Through Employee
Engagement And Workforce Planning

June 13-16, 2011 - Washington, DC

Complete Agenda Details:

http://www.aliconferences.com/conf/talent_mgt_govt0611/index.htm

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- 4) U.S. Department of Health & Human Services
- 5) U.S. Merit Systems Protection Board
- 6) Naval Sea Systems Command
- 7) U.S. Department of Homeland Security
- 8) U.S. Department of Defense – Office of Civilian Personnel Policy
- 9) U.S. African Development Foundation
- 10) U.S. Department of Veterans Affairs
- 11) Naval Facilities Engineering Command HQ
- 12) U.S. Department of Labor
- 13) Booz Allen Hamilton
- 14) Mercer
- 15) Aon Hewitt and more!

AG/411

To view the detailed agenda or to register:

CALL: 888-362-7400, x1 -or- 773-695-9400, x1 -- ask for Mary Rose
ONLINE: http://www.aliconferences.com/conf/talent_mgt_govt0611/index.htm

** Please mention EMAIL CODE "EB2-G" upon registration to ensure early bird rates.

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AGENDA SUMMARY: Strategic Talent Management for Government
General Sessions: Tuesday, June 14 - Wednesday, June 15, 2011

AGENDA, DAY ONE, Tuesday, June 14, 2011

8:30 Chairperson's Welcome,
Opening Remarks And Presentation:
How To Effectively Use Workforce
Planning Tools And Employee Engagement
Strategies To Sustain Your Workforce
In Times Of Organizational Turbulence
-- BOOZ ALLEN HAMILTON

8:40 Break-Out Blitz!
Network And Discuss Talent
Management Challenges With
Your Fellow Conference Attendees

10:20 Integrating Cultural
Transformation With Your
Strategic Talent Management
Initiatives For Substantial Results
-- U.S. DEPARTMENT OF LABOR

11:10 The "Flexible Workplace
Initiative" - How Implementing A
Telework Program Can Cut Costs And
Improve Productivity In Your Organization
-- U.S. DEPARTMENT OF HOMELAND SECURITY

1:30 PANEL DISCUSSION:
Avoid Being The "Starter Employer"
- Insider Guidance On How To Retain
Veterans After You've Hired Them
-- THE VALUE OF A VETERAN
-- U.S. DEPARTMENT OF THE TREASURY
-- U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES

2:20 Succession Planning On Pennies:
How To Be More Efficient And
Cost-Effective With Your Workforce
Management Activities
-- CALIFORNIA HEALTH AND HUMAN SERVICES AGENCY

3:20 How To Develop An Effective
Workforce Plan That Compliments
Your Agency's Overall Strategic Plan
-- NAVAL FACILITIES ENGINEERING COMMAND HQ

4:10 How To Expand Your Succession
Planning Toolbox And Create A
Workforce With Increased Skill
And Competency
-- U.S. DEPARTMENT OF DEFENSE –
OFFICE OF CIVILIAN PERSONNEL POLICY

5:00 End Of Day One & Networking Reception

AGENDA, DAY TWO, Wednesday, June 15, 2011

8:30 Chairperson's Opening Of Day Two
-- BOOZ ALLEN HAMILTON

8:40 From Exhausted To Effective:
The Value Of Thinking Differently
To Drive Engagement And Productivity
-- FEDERAL AVIATION ADMINISTRATION

9:30 The Essential Elements For
An Effective Onboarding Program
That Ensures Your New Hires Are
Engaged And Informed From The Start
-- NAVAL SEA SYSTEMS COMMAND

10:40 The Inclusion Paradigm:
The Key To Realizing The Full
Benefit Of Workforce Diversity
For Maximized Organizational Performance
-- U.S DEPARTMENT OF VETERANS AFFAIRS

11:30 OPM Hiring Reform: Insider
Guidance And How It Relates To You
-- U.S. OFFICE OF PERSONNEL MANAGEMENT

1:50 Group Exercise: Brainstorm Solutions
And New Ideas You Can Use

2:45 Using Performance Management
Systems And Principles To Effect
Change And Meet Your Talent
Management Goals
-- U.S. AFRICAN DEVELOPMENT FOUNDATION

3:35 Engaging Federal Employees:
Trends, Issues, And Implementation
Strategies For Success
-- U.S. MERIT SYSTEMS PROTECTION BOARD

4:25 Key Takeaways And What To Do
When You Get Back To The Office

4:45 Close Of General Sessions

EXPAND YOUR LEARNING...

You may choose to attend one of more of these optional, hands-on WORKSHOPS:

PRE-CONFERENCE WORKSHOPS:

MONDAY, June 13, 2011

Choose A or B or BOTH

Morning PRE-Conference Workshop A, 8:30am - 11:30am

"How To Align Your Workforce Planning Process With Your Overall
Operational Strategy"

Facilitated by: Mercer

* * * * *

Afternoon PRE-Conference Workshop B, 1:00pm - 4:00pm

"Effective Talent Management Begins With Successful Onboarding And
Integration – A Holistic Approach To Bringing In New Talent"

Facilitated by: Booz Allen Hamilton

* * * * *

POST-CONFERENCE WORKSHOPS:

THURSDAY, June 16, 2011

Choose C or D or BOTH

Morning POST-Conference Workshop C, 8:30am - 11:30am

"How To Leverage Best Practices In Employee Engagement Surveys To Ensure
Your Human Capital Initiatives Have The Most Impact: A Step-By-Step Process"

Facilitated by: Aon Hewitt

* * * * *

Afternoon POST-Conference Workshop D, 1:00pm - 4:00pm

"How To Drive Results Through Learning And Talent Measurement:
Demonstrating The ROI Of Your Talent Management Processes"

Facilitated by: KnowledgeAdvisors

* * * * *

"Talent Management for Government"

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WORKSHOP TOPICS:

PRE A: How To Align Your Workforce Planning Process With Your Overall Operational Strategy

PRE B: Effective Talent Management Begins With Successful Onboarding And Integration – A Holistic Approach To Bringing In New Talent

POST C: How To Leverage Best Practices In Employee Engagement Surveys To Ensure Your Human Capital Initiatives Have The Most Impact:
A Step-By-Step Process

POST D: How To Drive Results Through Learning And Talent Measurement:
Demonstrating The ROI Of Your Talent Management Processes

To view more "Talent Management for Government" conference details or to register:

CALL: 888-362-7400, x1 -or- 773-695-9400, x1 -- ask for Mary Rose

ONLINE: http://www.aliconferences.com/conf/talent_mgt_govt0611/index.htm

* Please mention EMAIL CODE "EB2-G" upon registration to ensure early bird rates.

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- * New Talent Management Network, <http://www.newtmn.com/>

FORWARD TO A COLLEAGUE!

If you know of anyone tasked with maximizing organizational performance through employee engagement and workforce planning, please forward this email to a colleague who may benefit from best practices and lessons learned!

TALENT MANAGEMENT for GOVERNMENT:

Practical Strategies For
Maximizing Organizational
Performance Through Employee
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June 13-16, 2011 - Washington, DC

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P.S. Don't forget to reserve your space by APRIL 14th to save your organization's training budget \$400.

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http://www.aliconferences.com/conf/social_media_govt0411/index.htm
- 2) Strategic INTERNAL COMMUNICATIONS - Canada, May 16-19, 2011, Toronto
http://www.aliconferences.com/conf/internal_comm_ca_0511/index.htm
- 3) Strategic INTERNAL COMMUNICATIONS in GOVERNMENT, May 23-26, 2011, Washington, DC
http://www.aliconferences.com/conf/internal_comm0511/index.htm
- 4) Meeting The New GOVERNMENT PERFORMANCE & Results Act, June 20-23, 2011, Washington, DC

http://www.aliconferences.com/conf/GPRA_requirements0611/index.htm

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From: [redbox](#)
To: [Virgilio, Martin](#)
Subject: Tonight is movie night
Date: Friday, March 18, 2011 2:06:14 PM

[Check out redbox!](#) [Having trouble viewing this email? Click here.](#) [Viewing on a mobile device? Click here.](#)

redbox

FIND A MOVIE

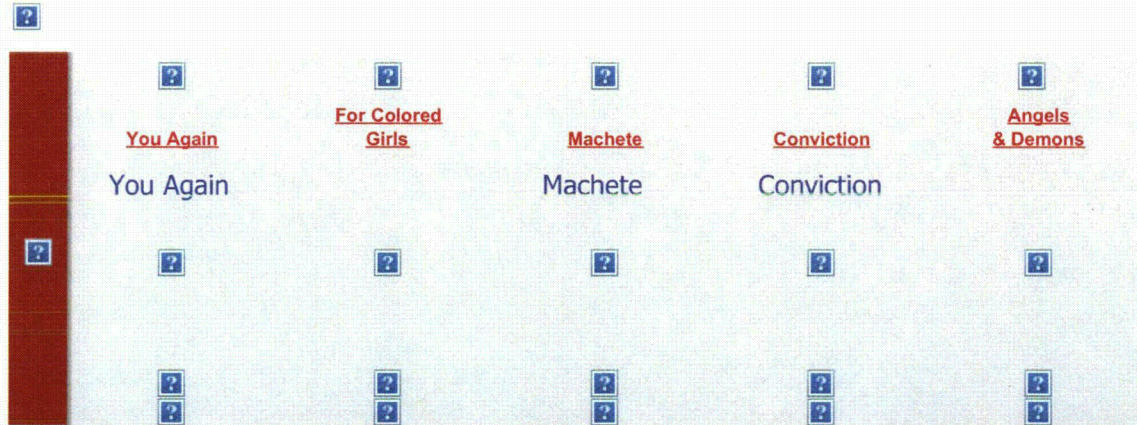
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AG/4/12

From: [Sheron, Brian](#)
To: [Weber, Michael](#); [Virgilio, Martin](#); [Leeds, Eric](#)
Subject: Fw: Fact Sheet on NRC Seismic Regulation
Date: Friday, March 18, 2011 2:10:16 PM
Attachments: [Draft Fact Sheet on NRC Seismic Regulations JPA BT GB MK CM.docx](#)
[Draft Fact Sheet on NRC Seismic Regulations JPA BT GB MK CM bullets.docx](#)

FYI.

From: Case, Michael
To: peter.lyons@nuclear.energy.gov <peter.lyons@nuclear.energy.gov>
Cc: [Sheron, Brian](#); [Uhle, Jennifer](#); [Munson, Clifford](#); [Kammerer, Annie](#); [Khanna, Meena](#); [Chokshi, Nilesh](#); [Wilson, George](#)
Sent: Fri Mar 18 13:30:51 2011
Subject: Fact Sheet on NRC Seismic Regulation

Dr. Lyons:

Per your discussions with Brian, please find attached a one-page fact sheet on the NRC's Seismic Regulations (same information, one narrative, one bulletized).

AG/413

Fact Sheet: Summarization of the NRC's Regulatory Framework for Seismic Safety

The seismic regulatory basis for licensing of the currently operating nuclear power reactors is contained in the following regulations: 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities," including the "General Design Criteria for Nuclear Power Plants," and 10 CFR Part 100 ("Seismic and Geologic Siting Criteria For Nuclear Power Plants") and Appendix A to that Part, which describes the general criteria that guide the evaluation of the suitability of proposed sites for nuclear power plants.

General Design Criterion (GDC) 2, "Design Bases for Protection Against Natural Phenomena," in Appendix A requires that the structures and components in nuclear power plants be designed to withstand the effects of natural phenomena, including earthquakes and tsunamis, without loss of capability to perform their intended safety functions. GDC 2 also requires that the design bases include sufficient margin to account for the limited accuracy, quantity, and period of time in which the historical data have been accumulated. The earthquake which could cause the maximum vibratory ground motion at the site is designated as the **Safe Shutdown Earthquake (SSE)**. Under SSE ground motions, nuclear power plant structures and components must remain functional and within applicable stress, strain, and deformation limits. Each plant must also have seismic instrumentation to determine if the **Operating Basis Earthquake (OBE)**, typically one-half or one-third the level of the SSE, has been exceeded. If the OBE is exceeded or significant plant damage has occurred, then the nuclear power plant must be shutdown.

Each plant is designed to a ground-shaking level (the SSE) that is appropriate for its location, given the possible earthquake sources that may affect the site and its tectonic environment. Ground shaking is a function of both the magnitude of the earthquake, the distance of the earthquake to the site, and the local geology. The magnitude alone cannot be used to predict ground motions. The existing plants were designed on a "deterministic" or "scenario earthquake" basis that accounted for the largest earthquake expected in the area around the plant. This required an assessment of earthquakes that had occurred in the region around each plant site.

Design basis loads for nuclear power plant structures include combined loads for seismic, wind, tornado, normal operating conditions (pressure and thermal), and accident conditions. Codes and standards, such as the American Society of Mechanical Engineers, the American Concrete Institute, and the American Institute of Steel Construction, are used in the design of nuclear power plant structures to ensure a conservative, safe design under design basis loads.

In the mid to late 1990s, NRC staff reviewed the potential consequences of severe earthquakes (earthquakes beyond the safety margin included in each plant's design basis), as part of the Individual Plant Examination of External Events (or IPEEE) program. From this review, the staff determined that seismic designs of operating plants in the United States have adequate safety margins, for withstanding earthquakes, built into the designs. Currently, the NRC staff is reassessing the seismic designs of operating plants through our Generic Issues program. The initial results of this assessment found that: 1) seismic hazard estimates have increased at some operating plants in the central and eastern US; 2) there is no immediate safety concern, plants have significant safety margin and overall seismic risk estimates remain small; and 3) assessment of updated seismic hazards and plant performance should continue.

NRC's Regulatory Framework for Seismic Safety

NRC Regulations and Guidelines for Seismic Safety:

- The seismic regulatory basis for licensing of the currently operating nuclear power reactors is contained in the following regulations:
 - 10 CFR Part 50, "Domestic Licensing of Production and Utilization Facilities," including the "General Design Criteria for Nuclear Power Plants," and
 - 10 CFR Part 100 ("Seismic and Geologic Siting Criteria For Nuclear Power Plants") and Appendix A to that Part, which describes the general criteria that guide the evaluation of the suitability of proposed sites for nuclear power plants.
- In addition, General Design Criterion (GDC) 2, "Design Bases for Protection Against Natural Phenomena," in Appendix A requires that:
 - The structures and components in nuclear power plants be designed to withstand the effects of natural phenomena, including earthquakes and tsunamis, without loss of capability to perform their intended safety functions.
 - GDC 2 also requires that the design bases include sufficient margin to account for the limited accuracy, quantity, and period of time in which the historical data have been accumulated.
 - The earthquake which could cause the maximum vibratory ground motion at the site is designated as the **Safe Shutdown Earthquake (SSE)**. Under SSE ground motions, nuclear power plant structures and components must remain functional and within applicable stress, strain, and deformation limits.
 - Each plant must also have seismic instrumentation to determine if the **Operating Basis Earthquake (OBE)**, typically one-half or one-third the level of the SSE, has been exceeded. If the OBE is exceeded or significant plant damage has occurred, then the nuclear power plant must be shutdown.

Plant Design /Design Basis (Seismic):

- Each plant is designed to a ground-shaking level (the SSE) that is appropriate for its location, given the possible earthquake sources that may affect the site and its tectonic environment. Ground shaking is a function of both the magnitude of the earthquake, the distance of the earthquake to the site, and the local geology. The magnitude alone cannot be used to predict ground motions. The existing plants were designed on a "deterministic" or "scenario earthquake" basis that accounted for the largest earthquake expected in the area around the plant. This required an assessment of earthquakes that had occurred in the region around each plant site.
- Design basis loads for nuclear power plant structures include combined loads for seismic, wind, tornado, normal operating conditions (pressure and thermal), and accident conditions. Codes and standards, such as the American Society of Mechanical Engineers, the American Concrete Institute, and the American Institute of Steel Construction, are used in the design of nuclear power plant structures to ensure a conservative, safe design under design basis loads.

NRC Current Reviews/Initiatives:

- In the mid to late 1990s, NRC staff reviewed the potential consequences of severe earthquakes (earthquakes beyond the safety margin included in each plant's design basis), as part of the Individual Plant Examination of External Events (or IPEEE) program. From this review, the staff determined that seismic designs of operating plants in the United States have adequate safety margins, for withstanding earthquakes, built into the designs. Currently, the NRC staff is reassessing the seismic designs of operating plants through our Generic Issues program. The initial results of this assessment found that: 1) seismic hazard estimates have increased at some operating plants in the central and eastern US; 2) there is no immediate safety concern, plants have significant safety margin and overall seismic risk estimates remain small; and 3) assessment of updated seismic hazards and plant performance should continue.

From: [Clayton, Kathleen](#)
To: [RidsRgn1MailCenter Resource](#)
Cc: [Trapp, James](#)
Subject: RI Report - 03/18/11
Date: Friday, March 18, 2011 2:14:21 PM
Attachments: [\[Untitled\].pdf](#)

AG/4/14

NUCLEAR REGULATORY COMMISSION - WORK ITEM TRACKING SYSTEM
Office of the Executive Director

Assigned Org.: RI Open Items as of: 03/18/11 Priority: A
Task Basis No: G20110051 Work Item Id: 201100057A14 Contact: Dean Req-Type: GRN SECY No:
Latest Due: 01/28/11 Orig Due: 01/28/11 Recvd Date: 01/27/11 Compl Date: / / GAO OIG No: DSI No:
CRC No:

Description: Review and Comment on Proposed Revision of the Office of the Executive Director for Operations
Senior Performance Official Procedure for Review (EDATS: OEDO-2011-0063)

Basis: Mary C. Muessle, OEDO Memo of 1/20/11 to Office Directors and Regional Administrators
Status

02/09/11 Email Richard Barkley to Roger Rihm, OEDO dtd 01/27/11. (ML11)

Task Basis No: G20110122 Work Item Id: 201100138A01 Contact: Dean Req-Type: GRN SECY No:
Latest Due: 03/15/11 Orig Due: 03/15/11 Recvd Date: 03/15/11 Compl Date: 03/15/11 GAO OIG No: DSI No:
CRC No:

Description: Briefing Package for Visit to Holtec, Carnegie Mellon and Beaver Valley on March 22-23, 2011
(EDATS: OEDO-2011-0154)

Basis: Patty Jimenez, OCM/WDM email of 2/23/11 to OEDO
Status

03/17/11 Briefing pkg provided to OEDO 03/15/11. (ML110740171)

Task Basis No: G20110156 Work Item Id: 201100184A14 Contact: Dean Req-Type: GRN SECY No:
Latest Due: 03/28/11 Orig Due: 03/28/11 Recvd Date: / / Compl Date: / / GAO OIG No: DSI No:
CRC No:

Description: Update of the Information Digest. (EDATS: OEDO-2011-0181)

Basis: Evonne Couret, OPA Request of 3/7/11 to Glenn Ellmers, OEDO
Status

Task Basis No: G20110183 Work Item Id: 201100277A14 Contact: Dean Req-Type: GRN SECY No:
Latest Due: 03/17/11 Orig Due: 03/17/11 Recvd Date: / / Compl Date: / / GAO OIG No: DSI No:
CRC No:

Description: Document Hold Instructions Regarding Yucca High Level Waste Repository - Estimate of Time
(EDATS: OEDO-2011-0202)

Basis: Stephen G. Burns, GC Announcement dated 3/15/2011 to All NRC Employees
Status

Owen, Lucy

From: Pellet, John
Sent: Friday, March 18, 2011 2:18 PM
To: R4
Subject: FYI Short Term Funding Bill Signed
Expires: Friday, March 18, 2011 5:00 PM

CNN is reporting this afternoon that President Obama has signed the short term funding bill continuing government funding through April 8th.

From <http://www.cnn.com/2011/POLITICS/03/18/obama.budget/index.html>

AG/415

Dean, Bill

From: Dean, Bill
Sent: Friday, March 18, 2011 2:19 PM
To: Lew, David
Subject: Re: PISG Agenda 3-17-11 notes

Nice agenda-two presenters don't show up!! Looks like OCFO will bail out of PISG role?? Or is PIO different?
Bill Dean
Regional Administrator
Region I, USNRC
Sent from NRC BlackBerry

From: Lew, David
To: Dean, Bill; Baker, Pamela; Walker, Tracy; Roberts, Darrell; Wilson, Peter; Miller, Chris; Weerakkody, Sunil; Lorson, Raymond; Collins, Daniel; Clifford, James
Sent: Fri Mar 18 11:33:50 2011
Subject: FW: PISG Agenda 3-17-11 notes

Fyi ... upcoming impacts from the GPRA modernization act.

From: Lew, David
Sent: Friday, March 18, 2011 11:32 AM
To: Wert, Leonard; Casto, Chuck; Pederson, Cynthia; Howell, Art
Subject: PISG Agenda 3-17-11 notes

As the rep for the DRAs, I participated in the PISG meeting yesterday. Attached is the agenda with my notes embedded. Art Howell also listened in. (Art, is there anything to add on my notes?). Let me know if you have any questions, but quite frankly, the discussion on the metrics was confusing since the sponsor was not at the meeting.

From: OPA Resource
To: Ash, Darren; Barkley, Richard; Batkin, Joshua; Bell, Hubert; Belmore, Nancy; Bergman, Thomas; Bollwerk, Paul; Bonaccorso, Amy; Borchardt, Bill; Bozin, Sunny; Brenner, Eliot; Brock, Terry; Brown, Boris; Bubar, Patrice; Burnell, Scott; Burns, Stephen; Carpenter, Cynthia; Chandrathil, Prema; Clark, Theresa; Collins, Elmo; Couret, Ivonne; Crawford, Carrie; Cutler, Iris; Dacus, Eugene; Dapas, Marc; Davis, Roger; Dean, Bill; Decker, David; Dricks, Victor; Droggitis, Spiros; Flory, Shirley; Franovich, Mike; Gibbs, Catina; Haney, Catherine; Hannah, Roger; Harbuck, Craig; Harrington, Holly; Hasan, Nasreen; Hayden, Elizabeth; Holahan, Gary; Holahan, Patricia; Holian, Brian; Jacobssen, Patricia; Jaczko, Gregory; Jasinski, Robert; Jenkins, Verlyn; Johnson, Michael; Jones, Andrea; Kock, Andrea; Kotzalas, Margie; Ledford, Joey; Lee, Samson; Leeds, Eric; Lepre, Janet; Lew, David; Lewis, Antoinette; Loyd, Susan; Magwood, William; McCrary, Cheryl; McGrady-Finneran, Patricia; McIntyre, David; Mensah, Tanya; Mitlyng, Viktoria; Monninger, John; Montes, David; Nieh, Ho; Ordaz, Vonna; Ostendorff, William; Owen, Lucy; Powell, Amy; Quesenberry, Jeannette; Reddick, Darani; Regan, Christopher; Reyes, Luis; Riddick, Nicole; RidsSecyMailCenter.Resource; Riley (OCA), Timothy; Rohrer, Shirley; Samuel, Olive; Satorius, Mark; Schaaf, Robert; Schmidt, Rebecca; Scott, Catherine; Screnci, Diane; Shaffer, Vered; Shane, Raeann; Sharkey, Jeffry; Sheehan, Neil; Sheron, Brian; Siurano-Perez, Osiris; Steger (Tucci), Christine; Svinicki, Kristine; Tabatabai, Omid; Tannenbaum, Anita; Taylor, Renee; Temp, WDM; Thomas, Ann; Uhle, Jennifer; Uselding, Lara; Vietti-Cook, Annette; Virgilio, Martin; Virgilio, Rosetta; Walker-Smith, Antoinette; Weaver, Doug; Weber, Michael; Weil, Jenny; Werner, Greg; Wiggins, Jim; Williams, Evelyn; Zimmerman, Roy; Zorn, Jason
Subject: Press Release: NRC Proposes to Amend Licensing, Inspection and Annual Fees Rule
Date: Friday, March 18, 2011 2:19:16 PM
Attachments: [11-051.docx](#)

To be released in approximately 30 minutes.

Office of Public Affairs
US Nuclear Regulatory Commission
301-415-8200
opa.resource@nrc.gov

AG/417



NRC NEWS

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No. 11-051

March 18, 2011

NRC PROPOSES TO AMEND LICENSING, INSPECTION AND ANNUAL FEES RULE

The Nuclear Regulatory Commission is proposing to amend its regulations for the licensing, inspection and annual fees it charges applicants and licensees for fiscal year (FY) 2011.

The agency is required by Congress to recover for the U.S. Treasury most of its annual appropriated budget through two types of fees. One is for specific NRC services, such as licensing and inspection activities, that apply to a specific license; the other is an annual fee for generic regulatory expenses and other costs not recovered through fees for specific services. These fees are contained in NRC regulations in Title 10 (Energy) of the *Code of Federal Regulations* (10 CFR) Part 170 (fees for license-specific services) and 10 CFR Part 171 (annual fees). These fees are paid to the U.S. Treasury and go into the general fund.

By law, the NRC must recover, through fees to applicants and licensees, 90 percent of its budget authority for FY 2011 (Oct. 1, 2010 - Sept. 30, 2011), less the amounts appropriated from the Nuclear Waste Fund for high-level radioactive waste activities and from general funds for waste-incident-to-reprocessing and generic homeland security activities. The NRC receives 10 percent of its budget authority (not including non-fee items) from the general fund each year to pay for the cost of the agency activities that do not provide a direct benefit to NRC licensees, such as international assistance and Agreement State activities. Based on the FY 2011 budget submitted to the Congress, the NRC's total amount of fees to be recovered by Sept. 30 is approximately \$915.3 million, about less than 1 percent (\$0.4 million) more than in FY 2010.

Approximately 40 percent of the fees will be billed for specific services (Part 170) and the remaining 60 percent will be billed as annual fees (Part 171). The NRC is proposing to change the FY 2011 hourly rate to \$273. This increase in hourly rate is primarily due to a slight increase in the agency fee-based budget that will be recovered by fewer direct full time equivalents (FTEs). In FY 2011, the NRC revised its budget structure. This new structure allows the agency to more accurately identify all its direct and overhead costs. Under this new FY 2011 structure, more of the budgeted resources have been properly identified as overhead costs. The agency is using this information to further streamline its costs and make efficient use of all its resources. The annual fees for power reactors and uranium recovery facilities have decreased while fees for spent fuel storage facilities, non-power reactors, fuel facilities, most materials users and Department of Energy's (DOE) uranium recovery and transportation increased.

The NRC is continuing its efforts to keep its fees as low as possible by ensuring its programs are conducted efficiently and effectively and requesting from Congress only the resources necessary to perform its mission of protecting people and the environment.

The proposed FY 2011 annual fees are categorized by types of licensees/applicants and include the following:

<u>Class/Category of Licenses</u>	<u>FY 2011 Proposed Annual Fee</u>
Operating Power Reactors (including Spent Fuel Storage/ Reactor Decommissioning annual fee)	\$4,669,000
Spent Fuel Storage/Reactor Decommissioning	\$241,000
Test and Research Reactors (Non-power Reactors)	\$86,100
High-Enriched Uranium Fuel Facility	\$6,078,000
Low-Enriched Uranium Fuel Facility	\$2,287,000
UF6 Conversion Facility	\$1,242,000
Conventional Mills	\$31,900
Radiographers	\$25,700
Well Loggers	\$9,900
Gauge Users (Category 3P)	\$4,800
Broad Scope Medical licensees (Category 7B)	\$45,000

NRC estimates that the FY 2011 annual fees will be paid by licensees of 104 nuclear power reactors, 4 non-power reactors, 19 spent nuclear fuel storage/reactor-in-decommissioning facilities, 12 fuel cycle facilities, 10 uranium recovery facilities and approximately 3,150 nuclear material users.

The NRC is currently operating under a Continuing Resolution (CR) for FY 2011 (Pub. L. 111-322) that is effective through March 18, 2011. This means that the FY 2011 funds currently available are similar to the NRC's funding in FY 2010.

Although the NRC has not received a new appropriation for FY 2011 at the time this proposed fee rule was submitted for publication in the *Federal Register*, the NRC must proceed with this rulemaking to collect the required fee amounts by September 30. Therefore, the NRC is establishing fees in this rulemaking based on the FY 2011 NRC budget sent to the Congress in February 2010. If Congress enacts a different version of the NRC budget than that included in the NRC submission, the fees in the NRC's FY 2011 final fee rule will be adjusted to reflect the enacted budget. Therefore, fees in the FY 2011 final fee rule may differ from the fees in this proposed rule. The NRC will adjust the FY 2011 final fees based on the enacted version of the budget without seeking further public comment.

###

News releases are available through a free *listserv* subscription at the following Web address: <http://www.nrc.gov/public-involve/listserver.html>. The NRC homepage at www.nrc.gov also offers a SUBSCRIBE link. E-mail notifications are sent to subscribers when news releases are posted to NRC's website.

From: Drouin, Mary
To: Drouin, Mary; Harrison, Donnie; Demoss, Gary; Coyne, Kevin; Stutzke, Martin
Subject: RE: NBC deadline question for NRC on seismic hazard estimates
Date: Friday, March 18, 2011 2:21:18 PM

When you open, click on "raised," it takes you to the actual article

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

From: Drouin, Mary
Sent: Friday, March 18, 2011 2:08 PM
To: Harrison, Donnie; Demoss, Gary; Coyne, Kevin
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Here is a link, NEI also caught the article and has tried to put out some "damage control"

<http://neinuclearnotes.blogspot.com/2011/03/no-seismic-risk-list-at-nrc.html>

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

From: Harrison, Donnie
Sent: Thursday, March 17, 2011 5:13 PM
To: Stutzke, Martin
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

Marty,

I saw the article while I was in Wilmington at the PSA 2011 conference and the information behind it included your table on seismic risk for each plant. Is that Excel spreadsheet public? I guess it is now.

Thought you should know, if you hadn't seen/heard it already.

Donnie

From: Rodriguez, Veronica
Sent: Thursday, March 17, 2011 5:07 PM
To: Cheok, Michael; Lee, Samson
Cc: Harrison, Donnie
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

For info MSNBC article about GSI-199.

Interesting quotes:

The increase in risk is so rapid that an NRC research task force in September sent two recommendations to NRC management:

First, it is time to move the issue over from the research staff to the regulatory staff, moving from study to action.

Second, start figuring out whether some nuclear power plants need a "backfit," or additional construction to protect them from earthquakes.

....

An NRC spokesman, Scott Burnell, said Tuesday that the NRC is preparing a letter to send to certain nuclear plants, asking them for the more detailed data on equipment, soil conditions and seismic preparedness. Then the plants and NRC staff will have an opportunity to analyze that data.

AG/418

From: Ferrante, Fernando
Sent: Wednesday, March 16, 2011 9:56 AM
To: Rodriguez, Veronica
Cc: Mitman, Jeffrey; Zoulis, Antonios; Circle, Jeff; Wong, See-Meng; Stambaugh, Margaret; Vail, James; Chung, Donald
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

FYI, MSNBC article on GSI-199.

From: Manoly, Kamal
Sent: Wednesday, March 16, 2011 9:53 AM
To: Hiland, Patrick; Skeen, David; Stutzke, Martin; Beasley, Benjamin; Burnell, Scott
Cc: Ferrante, Fernando; Laur, Steven; Chokshi, Niles
Subject: FW: NBC deadline question for NRC on seismic hazard estimates

It seems that he spun the information provided to support a biased point of view he already has and to make the story sensational!

From: Bill Dedman [<mailto:Bill.Dedman@msnbc.com>]
Sent: Wednesday, March 16, 2011 6:44 AM
To: Manoly, Kamal; Sheron, Brian; Hiland, Patrick; OPA Resource
Subject: RE: NBC deadline question for NRC on seismic hazard estimates

This story is online now. If you see any error, please let me know right away.

Thanks,

Bill

http://www.msnbc.msn.com/id/42103936/ns/world_news-asiapacific/

From: Bill Dedman
Sent: Tuesday, March 15, 2011 9:06 AM
To: 'Kamal.Manoly@nrc.gov'; 'brian.sheron@nrc.gov'; 'patrick.hiland@nrc.gov'; 'OPA.Resource@nrc.gov'
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^{-06} , 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

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From: [Knowledge Management Conference & Expo](#)
To: [Leads, Eric](#)
Subject: **DoD Sessions Announced! Register Now and Save \$200**
Date: **Friday, March 18, 2011 2:28:25 PM**



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AG/419

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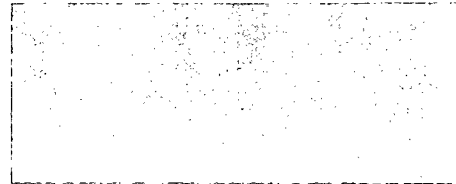
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This message has been sent to: eric.leeds@nrc.gov

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From: [Case, Michael](#)
To: [Gonzalez, Felix](#)
Subject: Re: NMSS Management Meeting
Date: Friday, March 18, 2011 2:37:54 PM

Nothing from me!
Sent from Blackberry
Michael Case.

From: Gonzalez, Felix
To: Richards, Stuart; Gibson, Kathy; Uhle, Jennifer; Case, Michael; Sheron, Brian; Scott, Michael; Coyne, Kevin
Sent: Fri Mar 18 13:37:36 2011
Subject: NMSS Management Meeting

All:

Please, Let me know if you have any input for NMSS Management Meeting on Tuesday.

Thanks:

FELIX E. GONZALEZ
Project Manager
RES/DRA/Fire Research Branch
301-251-7596

AG/420

From: Xing, Jing
To: Coe, Doug; Flegler, Stephen; D'Agostino, Amy; Marble, Julie; Desaulniers, David; Junge, Michael; Bongarra, James; Walker, Jacqwan; Pieringer, Paul; Boggi, Michael; Shoop, Undine; Rubin, Stuart; Smith, John; Barnes, Valerie; Peters, Sean; Lois, Erasmia; Cooper, Susan; Chang, James; Ki, DaBin; Keefe, Molly; Martin, Kamishan; Siu, Nathan
Cc: Shen, Song-hua; Kuritzky, Alan; Zhang, Deanna; Dehn, Jeff; Demoss, Gary; Coyne, Kevin; Basu, Sudhamay; Birla, Sushil; Bone, Alysia; Hudson, Daniel; Ibarra, Jose
Subject: FW: Invitation to RES Workshop "Human Factors in Advanced Control Room Technologies"

Hi Doug,

Thank you for helping advertising our HF workshop with users. Below is the meeting notice. We have invited our counterparts at NRO (COLP Mike Junge's branch) and NRR (Human Performance, Undine's branch), and they responded very positively. Yet we would like to extend the invitation to other user divisions and offices to broadcast our work and get more inputs from users.

Thanks,

Jing

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

From: Xing, Jing
Sent: Friday, March 18, 2011 2:40 PM
To: Flegler, Stephen; D'Agostino, Amy; Marble, Julie; Desaulniers, David; Junge, Michael; Bongarra, James; Walker, Jacqwan; Pieringer, Paul; Boggi, Michael; Shoop, Undine; Rubin, Stuart; Smith, John; Barnes, Valerie; Peters, Sean; Lois, Erasmia; Cooper, Susan; Chang, James; Ki, DaBin; Keefe, Molly; Martin, Kamishan; Siu, Nathan
Cc: Shen, Song-hua; Kuritzky, Alan; Zhang, Deanna; Dehn, Jeff; Demoss, Gary; Coyne, Kevin; Basu, Sudhamay; Birla, Sushil; Bone, Alysia; Hudson, Daniel; Ibarra, Jose; Coe, Doug
Subject: Invitation to RES Workshop "Human Factors in Advanced Control Room Technologies"
When: Occurs every day effective 4/6/2011 until 4/7/2011 from 8:30 AM to 4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: HQ-CSB-02C19-20p-VTC

All,

You are cordially invited to the Annual Workshop on "Human Factors in Advanced Control Room Technologies" hosted by the Human Factors and Reliability Branch (HFRB), DRA/RES. The purpose of this workshop is to provide an opportunity to bring users and researchers together to review technical progress and discuss our current research projects on advanced control room human factors, focusing on those that address 2010 NRO/NRR User-Need-Requests. We look forward to receiving user feedback on what has been achieved and input to what should be done next.

The workshop will be held on April 6-7. As last year, we will have an open meeting so that attendees may choose to attend the full meeting or only sessions of interest. Each session will begin with the project manager introducing/reviewing the tasks and results, followed by discussions.

Please help to extend the invitation to those who might be interested.

The schedule is below:

April 6
8:30-10:00am Measures of workload, situational awareness, and teamwork (Introducer: Jing Xing)
10:30-12 noon Computerized procedures (Jing Xing)
1:00-2:30pm Impacts of automation on personnel (Amy D'Agostino)
3:00-4:30pm HFs in small modular reactors (Amy D'Agostino)

April 7
8:30-10:00am Staffing verification and validation (Jing Xing)
10:30-12 noon Integrated system validation and verification (Julia Marble)
1:00-2:30pm Updating NUREG 0711/0700/0800 (Steve Flegler)
3:00-4:30pm Additional topic (TBD)

Points of contact:

Jing Xing 301-251-7580
Steve Flegler 301-251-7905
Amy D'Agostino 301-251-7915
Julia Marble 301-251-7610

Regards,

Jing Xing, on behalf of Sean Peters HFRB Chief

AG/421

From: [Laufer, Richard](#)
To: [Johnson, Robert](#); [Akstulewicz, Brenda](#); [Bavol, Rochelle](#); [Belmore, Nancy](#); [Brenner, Eliot](#); [Poole, Brooke](#); [Burns, Stephen](#); [Hart, Ken](#); [Hayden, Elizabeth](#); [Joosten, Sandy](#); [Laufer, Richard](#); [Leeds, Eric](#); [Mamish, Nader](#); [Mayberry, Theresa](#); [Muessle, Mary](#); [Powell, Amy](#); [Pulley, Deborah](#); [Quesenberry, Jeannette](#); [RidsEdoDraftSrmVote Resource](#); [RidsOgcMailCenter Resource](#); [Schmidt, Rebecca](#); [Shea, Pamela](#); [Vietti-Cook, Annette](#)
Subject: FW: Chairman Jaczko's Vote on SECY-11-0023 (Military Operational Radium-226)
Date: Friday, March 18, 2011 2:40:15 PM
Attachments: [GBJ-cmt-SP11-0023.pdf](#)
[image003.png](#)

SECY-11-0023 – JURISDICTION FOR MILITARY OPERATIONAL RADIUM-226

Approved with comments.

Rich

From: Chairman Temp
Sent: Friday, March 18, 2011 2:21 PM
To: Wright, Darlene; Baggett, Steven; Batkin, Joshua; Blake, Kathleen; Bozin, Sunny; Bradford, Anna; Bubar, Patrice; Bupp, Margaret; Clark, Lisa; Coggins, Angela; Cordes, John; Crawford, Carrie; Davis, Roger; Fopma, Melody; Franovich, Mike; Gibbs, Catina; Hart, Ken; Harves, Carolyn; Herr, Linda; Hipschman, Thomas; KLS Temp; Kock, Andrea; Lepre, Janet; Loyd, Susan; Mamish, Nader; Marshall, Michael; Monninger, John; Orders, William; Pace, Patti; Poole, Brooke; Reddick, Darani; Laufer, Richard; Bavol, Rochelle; Rothschild, Trip; Savoy, Carmel; Sharkey, Jeffrey; Shea, Pamela; Snodderly, Michael; Sosa, Belkys; Speiser, Herald; Svinicki, Kristine; Temp, WCO; Temp, WDM; Thoma, John; Warren, Roberta; Zorn, Jason; Apostolakis, George; Temp, GEA; Tadesse, Rebecca; Castleman, Patrick; Montes, David; Dhir, Neha; Adler, James; Jimenez, Patricia; Muessle, Mary; Nieh, Ho; Ostendorff, William; Warnick, Greg; Sexton, Kimberly; Pearson, Laura; Lisann, Elizabeth
Cc: Lewis, Antoinette
Subject: Chairman Jaczko's Vote on SECY-11-0023 (Military Operational Radium-226)

Chairman Jaczko's vote on SECY-11-0023 is attached.

AG/422

NOTATION VOTE

RESPONSE SHEET

TO: Annette Vietti-Cook, Secretary

FROM: Chairman Gregory B. Jaczko

SUBJECT: SECY-11-0023 – JURISDICTION FOR MILITARY OPERATIONAL RADIUM-226

Approved X Disapproved _____ Abstain _____

Not Participating _____

COMMENTS: Below X Attached _____ None _____

I approve of the staff's recommendation to issue guidance and a Federal Register notice that will: 1) clarify the radium-226 under military control that is subject to NRC regulations, and 2) describe the regulatory approaches for implementing NRC authority for radium-226 contamination and radium-226 in items and equipment. Staff's approach provides an effective and practical approach for exercising the NRC's authority over these materials and protecting public health and safety.



SIGNATURE

3/18/11

DATE

Entered on "STARS" Yes x No _____

P. 1

From: HCRA@hsph.harvard.edu
To: HCRA@hsph.harvard.edu
Subject: Fwd: RFF Press Book Launch: The Reality of Precaution: Comparing Risk Regulation in the United States and Europe
Date: Friday, March 18, 2011 2:43:37 PM
Attachments: [ATT00001](#)

By receiving this message as a forward, you have not subscribed to future emails from this sender. If you wish to, [click here](#) to sign up.

Harvard Center for Risk Analysis
Landmark Center
401 Park Drive, P.O. Box 15677
Boston, MA 02215 USA

Telephone: 617-998-1037

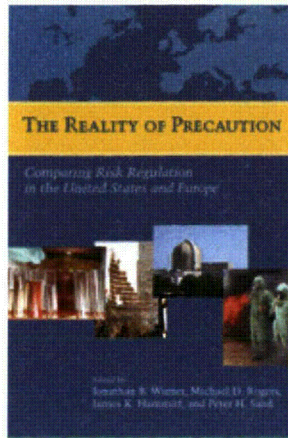
Check our website for contact information: www.hcra.harvard.edu



The Reality of Precaution: Comparing Risk Regulation in the United States and Europe

An RFF Press Book Launch

AG/423



March 25, 2011

9:00 a.m. – 12:30 p.m., followed by lunch until 2:00 p.m.

The "precautionary principle" has sparked the central controversy over European and U.S. risk regulation. *The Reality of Precaution: Comparing Risk Regulation in the United States and Europe*, is the most comprehensive study to go beyond precaution as an abstract principle and test its reality in practice. This groundbreaking resource, including 20 chapters and 600 pages by 27 expert authors, combines a dozen detailed case studies of a wide array of U.S. and European regulation of risks to health, safety, environment, and security over the past four decades; a broad quantitative analysis of relative transatlantic precaution regarding nearly 3,000 risks; and cross-cutting chapters on politics, law, and perceptions. The authors rebut the rhetoric of divergence or reversal in European and American approaches to risk regulation and show that the reality has been general parity, combined with the selective application of precaution to particular risks on both sides of the Atlantic. They also offer a constructive exchange of policy ideas toward better regulation. The book presents a new view of precaution, regulatory reform, comparative analysis, and transatlantic relations.

Book details and ordering information are available [here](#).

Speakers at this symposium will present the findings and implications of this research, as well as debate the future of regulation and transatlantic relations.

Who: Speakers at the event will include:

The co-editors of *The Reality of Precaution*:

Jonathan B. Wiener, Professor of Law, Environmental Policy, and Public Policy Studies at Duke University, and University Fellow at Resources for the Future

Michael D. Rogers, Independent Consultant on Risk, Science, and Ethics; and a former member of the Bureau of European Policy Advisers reporting to the President of the European Commission

James K. Hammitt, Professor of Economics and Decision Sciences at Harvard University and the Toulouse School of Economics

Peter H. Sand, Lecturer in International Environmental Law at the

University of Munich

Featured speakers:

C. Boyden Gray, Gray & Schmitz, LLP; Former U.S. Ambassador to the European Union.

William Sleath, Office of the Secretary General, European Commission

Richard Morgenstern, Senior Fellow, Resources for the Future; Former Director of Policy Analysis, U.S. EPA

Gail Charnley, HealthRisk Strategies

George Gray, Director, Center for Risk Science and Public Health, George Washington University; Former Assistant Administrator, U.S. EPA

What: RFF Press Book Launch

When: Friday, March 25, 2011, 9:00 a.m. - 12:30 p.m., followed by lunch until 2:00 p.m.
Registration and a continental breakfast will begin at 8:30 a.m.
A light lunch will be available at 12:30 p.m.

Where: Resources for the Future, 1616 P Street NW, Washington, DC
7th Floor Conference Room

Registration is required. Seating is limited.

A full agenda is available [here](#).

To RSVP for this event, please visit RFF's [event registration](#) page.

Copies of *The Reality of Precaution* will be provided to the first 50 registered attendees at the door, compliments of the editors.

1616 P Street, NW Suite 600 | Washington, DC 20036 US

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[manage](#) your preferences | opt out using **TrueRemove™**

Network  for Good
EmailNow powered by Emma

Attachment ATT00001 (25789 Bytes) cannot be converted to PDF format.

From: Kardaras, Tom
To: RES Distribution
Subject: FYI: All-HANDS MEETING - VTC ROOM
Date: Friday, March 18, 2011 3:07:14 PM

Please be advised that limitations to the number of total connections utilized in the Headquarter VTC system prevented the use of additional VTC conference rooms at Church Street during today's All-Hands meeting. RES, as well as many other offices within the agency, did issue requests to Headquarters to increase the number of rooms before the meeting but those requests could not be accommodated because it could bring down the system. Additionally, ongoing problems with the projector in 6-B01 prevented the use of that room. We apologize for any inconvenience that this may have caused.

AG/424

Beasley, Benjamin

From: Kauffman, John
Sent: Friday, March 18, 2011 3:14 PM
To: Beasley, Benjamin
Subject: FW: REVIEW OF DRAFT REPORTS, "CONTAINMENT LINER CORROSION OPERATING EXPERIENCE SUMMARY" AND "NUCLEAR CONTAINMENT STEEL LINER CORRSION WORKSHOP: SUMMARY AND RECOMMENDATION REPORT"
Attachments: ADAMS Document.APK

The e-mail trail is how the Clearinghouse got the RES draft on liner corrosion. JVK

From: King, Mark
Sent: Friday, March 18, 2011 3:04 PM
To: Kauffman, John
Subject: FW: REVIEW OF DRAFT REPORTS, "CONTAINMENT LINER CORROSION OPERATING EXPERIENCE SUMMARY" AND "NUCLEAR CONTAINMENT STEEL LINER CORRSION WORKSHOP: SUMMARY AND RECOMMENDATION REPORT"

Here's how it came to me. FYI,
Mark

From: Tabatabai, Omid
Sent: Tuesday, March 15, 2011 1:27 PM
To: Hawkins, Kimberly; King, Mark; Thorp, John; Copeland, Douglas; Craffey, Ryan; Harmon, David; Issa, Alfred; Patel, Jay
Cc: Frye, Timothy; Tappert, John
Subject: FW: REVIEW OF DRAFT REPORTS, "CONTAINMENT LINER CORROSION OPERATING EXPERIENCE SUMMARY" AND "NUCLEAR CONTAINMENT STEEL LINER CORRSION WORKSHOP: SUMMARY AND RECOMMENDATION REPORT"

Attached is a report prepared by the Office RES task group on containment liner corrosion. This is timely because the NRO ConE team is pursuing issues related to the containment liner. Good report!

ConE Team: Let's discuss at the next bi-weekly meeting.

From: Lorette, Phillip
Sent: Tuesday, March 15, 2011 12:28 PM
To: Evans, Michele
Cc: Gavrilas, Mirela; Dunn, Darrell; Tregoning, Robert; Csontos, Aladar; Taylor, Robert; Hiland, Patrick; Holian, Brian; Klein, Paul; Sheikh, Abdul; Hiser, Allen; Manoly, Kamal; Tabatabai, Omid; Beardsley, James; Terao, David; Dudes, Laura
Subject: REVIEW OF DRAFT REPORTS, "CONTAINMENT LINER CORROSION OPERATING EXPERIENCE SUMMARY" AND "NUCLEAR CONTAINMENT STEEL LINER CORRSION WORKSHOP: SUMMARY AND RECOMMENDATION REPORT"

March 15, 2011

MEMORANDUM TO: Michele G. Evans, 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: REVIEW OF DRAFT REPORTS, "CONTAINMENT LINER CORROSION OPERATING EXPERIENCE SUMMARY" AND "NUCLEAR CONTAINMENT

STEEL LINER CORRSION WORKSHOP: SUMMARY AND
RECOMMENDATION REPORT

REFERENCES:

Memorandum from Eric Leeds to Brian Sheron dated October 29, 2009 "User
need request related to Containment Liner Corrosion"
Memorandum from Brian to Eric dated December 17, 2009 "User need Request
NRR-2010-002 Containment Liner Corrosion"

Kauffman, John

From: Kauffman, John
Sent: Friday, March 18, 2011 3:25 PM
To: Littlejohn, Jennene
Subject: Accepted: FW: DRA Management Meeting

Owen, Lucy

From: Powell, Amy
Sent: Friday, March 18, 2011 3:37 PM
To: Miller, Geoffrey
Cc: Vegal, Anton; Collins, Elmo; Kennedy, Kriss; Markley, Michael
Subject: Re: NRC - business on LR as usual - meet in Maryland 3 31 11

Thank you - this is helpful. I appreciate it.

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

Sent from my Blackberry

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

From: Miller, Geoffrey
To: Powell, Amy
Cc: Vegal, Anton; Collins, Elmo; Kennedy, Kriss; Markley, Michael
Sent: Fri Mar 18 16:31:14 2011
Subject: FW: NRC - business on LR as usual - meet in Maryland 3 31 11

Amy,

Rochelle Becker sent this email to the Congressional staff for Senators Boxer and Feinstein (among others), so you may hear some questions about this soon. Referring to the subject line and text of her email below, I believe she has confused license renewal ("LR", or "re-licensing") with "Pre-Licensing."

In actuality, the meeting on March 31 is the third in a series of public meetings between NRC and PG&E to discuss a proposed license amendment to address a methodology by which Diablo Canyon should address new seismic information.

Hope this info is useful,

Geoff Miller
RIV/DRP/B

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

From: Vegal, Anton
Sent: Friday, March 18, 2011 11:22 AM
To: Hall, Randy; Pruett, Troy; Kennedy, Kriss
Cc: Miller, Geoffrey; Howell, Art
Subject: FW: NRC - business on LR as usual - meet in Maryland 3 31 11

FYI!

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

From: Rochelle [mailto:beckers@thegrid.net]
Sent: Friday, March 18, 2011 9:44 AM

To: Jonathan Changus; Byron Barbara; adam hill; Levenshus Jonathan; Haas Greg; Dedrick Kathy (EPW);
Jennifer Tang; Abajian Shelly
Cc: Vegel, Anton; Caniano, Roy
Subject: NRC - business on LR as usual - meet in Maryland 3 31 11

THIS IS THE NRC'S FIRST ANNOUNCEMENT TO THOSE WHO LIVE BY DIABLO

HAVE THEY NO SHAME? - RHETORICAL

In Peace
Rochelle

In Peace

Rochelle Becker, Executive Director
Alliance for Nuclear Responsibility
www.a4nr.org
PO 1328
San Luis Obispo, Ca 93406-1328

From: Sheron, Brian PE
To: OST02 HOC; Virgilio, Martin; Weber, Michael; Ash, Darren; Dyer, Jim; Wiggins, Jim; Boger, Bruce; Grobe, Jack; Johnson, Michael; Zimmerman, Roy; Leeds, Eric; Cianci, Sandra; Garland, Stephanie
Cc: Evans, Michele
Subject: RE: ET Directors Schedule.docx
Date: Friday, March 18, 2011 3:50:07 PM

Looking at my calendar, it looks like I could take the 3pm to 11pm shifts on 3/2, 3/27, 3/31, and 4/3. I might be able to take some others, but let me just commit to these for now.

From: OST02 HOC
Sent: Friday, March 18, 2011 2:32 PM
To: Virgilio; Martin; Weber, Michael; Ash, Darren; Dyer, Jim; Wiggins, Jim; Boger, Bruce; Grobe, Jack; Johnson, Michael; Zimmerman, Roy; Sheron, Brian; Leeds, Eric; Cianci, Sandra; Garland, Stephanie
Cc: Evans, Michele
Subject: ET Directors Schedule.docx

Please focus on filling the vacancies for 3/23 through 3/27, as soon as possible. Please send your responses to OST02 HOC.

Thank you,

Michele Evans

AG/428

From: [ManageBetter.biz Insider](#)
To: [Case, Michael](#)
Subject: Spurring procrastinators; Overcoming your shyness; Responding to harassment; and more ...
Date: Friday, March 18, 2011 3:51:15 PM

Motivational Manager

Probe the mindset behind employees' procrastination

The procrastination habit can be broken once you learn what's behind it. Ask the following questions to determine how to solve the problem...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

Leading for Results

Common harassment scenarios and responses

Sexual harassment can come in many different forms, each requiring a firm response in order to protect workers' rights and to avoid a lawsuit....

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Employee Recruitment and Retention

Help orientation programs succeed by eliminating daunting problems

Orientation programs aren't just for the first days of a new hire's tenure. If you design and implement them properly, they'll have a long-term impact on your retention rates...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

Communication Solutions

Try these techniques to overcome your shyness

Famous leaders are known for confidence and poise. Some of us, though, struggle with shyness when meeting new people. Work on mastering these skills...

Share on: [Facebook](#) | [MySpace](#) | [Twitter](#) | [Digg](#)

Managers Intelligence Report

Good feedback avoids these pitfalls

When you need to give feedback to correct an employee's mistake or performance problem, steer away from these common errors...

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BLOGS

Efficiency

Work Life Balance: Defining it for Yourself

As each of us is different, how we do our job and set our priorities is an individual undertaking. The same is true when defining who we are as people and determining our personal responsibility. The only person who can...

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Coaching Success

PowerPoint Presentation Tip for Spanish-Speaking Audience Members

I recently delivered a presentation skills training program to

VISIT OUR SITES:



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UPCOMING WEBINARS

Managing work time effectively

Price: \$139

Member Price: \$99

Wednesday, May 4, 2011 • 2-3:15 p.m. Central

Tweet, talk or text: How to effectively communicate in a high-tech world

Price: \$139

Member Price: \$99

Wednesday, April 20, 2011
2-3:15 p.m. Central

25 tips to lead your team through change

Price: \$139

Member Price: \$99

Wednesday, April 6, 2011
2-3:15 Central

Efficiency techniques for administrative professionals

Price: \$139

Member Price: \$99

Tuesday, March 29, 2011
2 - 3:15 p.m. Central

FEATURED BLOGGER:



K.J. McCorry is the CEO of **Efficiency Enterprises @ Inc.**, a professional productivity, efficiency and sustainability consulting company based out of Boulder, Colorado. K.J.'s work in office process simplification has been recognized locally and nationally in the New York Times, International Herald Tribune, Chicago Tribune, Real Simple, Better Homes & Gardens with TV and radio appearances on the Do It Yourself Network, The Peter Boyles Show, and World Talk Radio. She is also the author of *Organize Your Work Day In No Time*, released in April 2005 by Que Publishing. She is currently working on her second book on becoming a 'paperless' office.



AG 1429

a group of urologists from Mexico, Central and South America - with the training conducted in New York. These physicians mostly present slides in Spanish, and they taught me a few...

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Spark

I'm Certain About Uncertainty

We all want the guarantee--our lovers will love us forever, our investments will increase in value, our jobs will last until we retire, our computers will never crash. If you are over the age of 15, you have come to learn there are no guarantees--your pa


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WHAT OUR MEMBERS ARE READING NOW

 [Managers Intelligence Report](#)


Prevent emotional flare-ups in employee reviews

Remember that good and not-so-good performers need frequent, formal feedback over the year...

 [Leading for Results](#)

Optimize mavericks' ambitions

[Y]ou need to redirect their energy without letting them dominate the group...

 [Employee Recruitment and Retention](#)


Recruit top candidates with the right sales pitch

Good candidates need to be sold on your position, and on your company, before they'll commit to taking your job...

 [Communication Solutions](#)

Stand up to propel a conversation

Conversations have subtle dynamics that affect their outcome...

 [Motivational Manager](#)

Small gestures can be powerful

Think small. If you can't give workers a paid day off, then give them a free hour....

BECOME A MEMBER

Leading for Results

Published: Monthly
Newsletter + Membership
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Communication Solutions for Today's Manager

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The Manager's Intelligence Report

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The Motivational Manager

Published: Monthly
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This message was sent to michael.case@nrc.gov
pingback:tag,bbw,kbr

From: Bonaccorso, Amy on behalf of RES PMDA ANNOUNCE Resource
To: RES Distribution
Subject: RES Seminar on Seismic Research Postponed
Date: Friday, March 18, 2011 3:57:15 PM

The upcoming RES Seminar scheduled for March 22, 2011 on Seismic Research at Lawrence Berkley National Laboratory is postponed. Key NRC staff involved with the seminar are currently heavily involved with the activities at the Incident Response Center. The RES intranet page will be updated and an announcement sent when the seminar is re-scheduled.

AG/430

From: Givvines, Mary
To: Leeds, Eric
Subject: RIC Slides
Date: Friday, March 18, 2011 3:55:52 PM

Eric,

I worked with Lorna, Liz and Betsy and developed slides for the Senior Management Meeting next week. If the meeting gets cancelled or the agenda is changed, I can do the briefing another time.

They are still obtaining some data for the talking points.

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***

AG/431

From: [NRC Daily Notes](#)
To: [EDO GroupAccount](#)
Cc: [Pena, Alex](#)
Subject: New NRC Daily Notes for March 18, 2011
Date: Friday, March 18, 2011 4:00:39 PM

~~OFFICIAL USE ONLY - SECURITY RELATED
INFORMATION~~

Daily Notes for March 18, 2011

NSIR

(OUO-SII)

On March 16th, the NSIR staff met with industry representatives and NEI in a Closed Meeting at NRC Headquarters to discuss the update to the Proposed Enhancements to the Force-on-Force (FOF) Significance Determination Process and the draft FOF Change Management process.

(OUO-SII)

On March 14, NRC and HHS staff conducted a teleconference with representatives from DOT and DOE regarding a DEA action to temporarily list five analytes of synthetic marijuana as Schedule I drugs. DEA has determined that this action was necessary to "avoid imminent hazard to the public safety." Synthetic cannabinoids cause marijuana-like psychoactive effects and has no currently acceptable medical use. Few laboratories are able to test for synthetic cannabinoids and these analytes are not detectable in the current drug testing panel in 10 CFR Part 26, "Fitness for Duty Programs," or HHS's Mandatory Guidelines for Federal Workplace Drug Testing Programs (HHS Guidelines). The staff continues to work with HHS and is developing industry and inspector guidance.

OE

(OUO-SRI)

On March 21, RI intends to issue a Notice of Violation (NOV) to the University of Maryland, College Park, for a Severity Level III violation involving safeguards-related requirements. A redacted version of the cover letter, which does not contain any sensitive information, is being made publicly available. The NOV, which contains safeguards information requiring modified handling, is not being made publicly available.

AG/432

From: Coyne, Kevin
To: Hudson, Daniel
Subject: RE: RESPONSE: DRA Update for LTRP Budget Spreadsheet
Date: Friday, March 18, 2011 4:10:00 PM

Dan –

Were you able to get this taken care of? Is the ticket closed?

Thanks!

Kevin

From: Hudson, Daniel
Sent: Friday, March 18, 2011 3:11 PM
To: Gonzalez, Sergio
Cc: Santiago, Patricia; Rini, Brett; Rivera-Lugo, Richard; Armstrong, Kenneth; Spencer, Ruth; Stout, Kathleen; Coyne, Kevin; Ibarra, Jose
Subject: RESPONSE: DRA Update for LTRP Budget Spreadsheet

All,

I just realized that the hyperlink provided below had an inadvertent space inserted before LTRP. Please use the following hyperlink:

<G:\DIROFF\Technical Assistant\LTRP Budget.xlsx>

My apologies,
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: Hudson, Daniel
Sent: Friday, March 18, 2011 1:39 PM
To: Gonzalez, Sergio
Cc: Santiago, Patricia; Rini, Brett; Rivera-Lugo, Richard; Armstrong, Kenneth
Subject: RESPONSE: DRA Update for LTRP Budget Spreadsheet

Sergio,

I have updated DRA's information in the LTRP Budget Spreadsheet located at:

<G:\DIROFF\Technical Assistant\LTRP Budget.xlsx>

Please let me know if you have any questions.

AG/433

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

From: Gonzalez, Sergio
Sent: Friday, March 18, 2011 11:08 AM
To: Hudson, Daniel; Rini, Brett; Armstrong, Kenneth
Cc: Santiago, Patricia
Subject: RE: Reminder: LTRP Budget

Please edit the attached spreadsheet on the G/DIROFF/Technical Assistant/LTRP Budget by today, March 18, and notify Sergio Gonzalez, RidsResPmdaMailResource and cc Ruth Spencer and Kathleen Stout in PMDA.

Thanks,

Sergio E. Gonzalez

Program Manager (NSPDP), Special Projects Branch
Division of Systems Analysis
Office of Nuclear Regulatory Research
Phone- 301-251-7453
Sergio.Gonzalez@nrc.gov

From: Gonzalez, Sergio
Sent: Monday, March 14, 2011 11:21 AM
To: Hudson, Daniel; Rini, Brett; Armstrong, Kenneth
Cc: Santiago, Patricia
Subject: Reminder: LTRP Budget

Please edit the attached spreadsheet on the G/DIROFF/Technical Assistant/LTRP Budget by March 18 and notify Sergio Gonzalez, RidsResPmdaMailResource and cc Ruth Spencer and Kathleen Stout in PMDA.

Thanks,

Sergio E. Gonzalez

Program Manager (NSPDP), Special Projects Branch

Division of Systems Analysis
Office of Nuclear Regulatory Research
Phone- 301-251-7453
Sergio.Gonzalez@nrc.gov

Owen, Lucy

From: etravelerservices@carlson.com
Sent: Friday, March 18, 2011 4:14 PM
To: Collins, Elmo; elmoandkaren@gmail.com; Owen, Lucy
Subject: Your Trip 2840286 is pending approval from RIV TA FUNDS CERT - TB/LNB/KG

Dear ELMO COLLINS,

Your travel was approved by KENNEDY, KRISS M and is now awaiting approval from RIV TA FUNDS CERT - TB/LNB/KG.

Trip ID : 2840286
Traveler : COLLINS, ELMO
Destination: BURLINGAME, CA (COUNTY: SAN FRANCISCO)
TDY Type : OTHER
Purpose : Accompany Sentors to Diablo and SONGS
Trip Dates : 2011-03-21 To 2011-03-23
Status : Pending Authorization Approval

Thank you for using E2 Solutions. Help and support is available online by selecting the 'Find Answers' link.
Please note: Replies to this mailbox are not monitored.

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AG/434

Dean, Bill

From: etravel@carlson.com
Sent: Friday, March 18, 2011 4:15 PM
To: Dean, Bill; Matakas, Gina
Subject: Voucher (Trip ID: 2746419-1, Voucher ID: 1) approved by auditor

Dear WILLIAM DEAN,

Auditor: ERIC J BAKER has approved your travel voucher.

Trip ID : 2746419-1
Voucher ID : 1
Traveler : DEAN, WILLIAM
Destination: ROCKVILLE, MD
TDY Type : CONFERENCE ATTENDANCE
Purpose : NRC: Regulatory Information Conference
Voucher Dates : 2011-03-06 To 2011-03-12
Status : Voucher Awaiting Payment

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AG/435

Owen, Lucy

From: NRC BlackBerry Advisor
Sent: Friday, March 18, 2011 4:17 PM
To: NRC BlackBerry Advisor
Subject: Network Bulletin: Information on Recent BlackBerry Advisory (3/18)

Announcement:

Recently, Research in Motion (RIM), our BlackBerry vendor, announced a security vulnerability notice for BlackBerry devices running the 6.0 operating system (OS).

Impact:

Although RIM has determined that this vulnerability is critical, our BlackBerry support team has looked into how this vulnerability would affect us and has determined that there is a very low probability of it affecting any of our current users. As always, OIS recommends that BlackBerry users exercise caution before accessing unknown or possibly suspect Websites. If you have questions, please contact the Customer Service Center as noted below.

Contact: Customer Service Center, 301-415-1234, Option 2.

Additional Details:

On Monday, March 14, RIM released an official response to the news of the vulnerability, and issued a security advisory. Please note: the vulnerability only affects devices running RIM's BlackBerry 6 OS; **BlackBerry devices with earlier device software are not affected.**

Owen, Lucy

From: etravelervices@carlson.com
Sent: Friday, March 18, 2011 4:17 PM
To: Collins, Elmo; elmoandkaren@gmail.com; Owen, Lucy
Subject: Your Travel Authorization has been approved - 2840286

Dear ELMO COLLINS,

Your authorization has been approved and you are authorized to proceed with travel.

Access eTS and print a copy of your Approved Authorization before departure.
Per diem authorized at BURLINGAME, CA (COUNTY: SAN FRANCISCO)
Per diem authorized at DANA POINT, CA (ORANGE COUNTY)

Trip ID : 2840286
Traveler : COLLINS, ELMO
Destination: BURLINGAME, CA (COUNTY: SAN FRANCISCO)
TDY Type : OTHER
Purpose : Accompany Sentors to Diablo and SONGS
Trip Dates : 2011-03-21 To 2011-03-23
Status : Pending Authorization Approval

Thank you for using E2 Solutions. Help and support is available online by selecting the 'Find Answers' link.
Please note: Replies to this mailbox are not monitored.

[Click here to log back into the System.](#)

MM

From: Markley, Michael
To: Holahan, Gary
Cc: Nelson, Robert; Oesterle, Eric; Leeds, Eric
Subject: RE: Need your help! - NRO Assistance
Date: Friday, March 18, 2011 4:17:31 PM

Hi Gary,

We really appreciate the support. I will contact Eric directly to coordinate.

Thanks!
Mike

From: Holahan, Gary
Sent: Friday, March 18, 2011 3:56 PM
To: Nelson, Robert; Markley, Michael
Cc: Johnson, Michael; Oesterle, Eric; Leeds, Eric; Matthews, David; Akstulewicz, Frank; Madden, Patrick; Burton, William
Subject: RE: Need your help! - NRO Assistance

Bob,
Eric,

We have identified the following staff member with excellent communications skills who would be available to help:

Eric Oesterle

Gary

From: Leeds, Eric
Sent: Friday, March 18, 2011 11:34 AM
To: Johnson, Michael
Cc: Holahan, Gary; Nelson, Robert; Markley, Michael
Subject: Need your help! - NRO Assistance

Mike/Gary –

NRR has established a communications team to deal with all the Q&As and help prepare the regions for EOC meetings next week. They're also handling all the Congressional correspondence that's arriving by the boatload. Do you have any PMs/generalists that are good communicators that can help the team, either part or full-time?

If you can help, please provide a contact name to Bob Nelson/ Mike Marley - they're leading our team. Thanks so much!

Eric J. Leeds, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission






AG/438

301-415-1270

From: [Borchardt, Bill](#)
To: [Cianci, Sandra](#)
Subject: Re: 2520 Mass. Ave - Directions
Date: Friday, March 18, 2011 4:21:37 PM
Attachments: [image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)

Thanks
Bill Borchardt
Via blackberry

From: Cianci, Sandra
To: Borchardt, Bill
Sent: Fri Mar 18 15:25:44 2011
Subject: 2520 Mass. Ave - Directions

	2. Make a U-TURN at MARINELLI RD onto MD-355 S (Crossing into DISTRICT OF COLUMBIA).	go 6.2 mi
	<ul style="list-style-type: none">• <i>If you reach MD-187 you've gone about 0.1 miles too far</i>	
	3. Stay STRAIGHT to go onto WISCONSIN AVE NW.	go 2.3 mi
	4. Turn RIGHT onto CATHEDRAL AVE NW.	go 0.04 mi
	<ul style="list-style-type: none">• <i>CATHEDRAL AVE NW is just past LYCH GATE RD</i>	
	5. Turn SHARP LEFT onto MASSACHUSETTS AVE NW.	go 1.3 mi
	<ul style="list-style-type: none">• <i>If you reach 38TH ST NW you've gone a little too far</i>	
	6. 2520 MASSACHUSETTS AVE NW is on the RIGHT.	
	<ul style="list-style-type: none">• <i>Your destination is just past BELMONT RD NW</i>• <i>If you reach CALIFORNIA ST NW you've gone a little too far</i>	
		10.0 mi

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

AG/439

