

Enclosure

Memo – Yeilding to Nakoski

**The following emails document approval
of the 2013 update to the
NRC public website for
Risk Informed Activities**

Item#	Activity	Approval Document
1	ECC LOCA definition	Hamzehee-Yeilding email 10/30/2013
2	ECC, LOCA-LOOP	Hamzehee-Yeilding email 10/30/2013
3	RegGuide 1.201	Hamzehee-Yeilding email 10/30/2013
4	Regguide 1.174	Nakoski-Gilbertson email 10/29/2013
5	RiskInform Stand. TC	Elliot-Yeilding email 10/30/13
6	NFPA 805	Hamzehee-Yeilding email 10/30/2013
7	10CFR50.48c and NFPA805	Nicholas-Yeilding email 10/29/2013
8	Digital Sys PRA	Li-Yeilding email 10/24/2013
9	C-SGTR	Iyengar-Yeilding email 10/29/2013
10	SPAR Models	Coyne-Yeilding email 10/25/2013
11	SAPHIRE	Coyne-Yeilding email 10/25/2013
12	Guidance for event/condition assessment	Nakoski-Yeilding email 10/29/2013
13	Tech Support for event – condition assessment	Nakoski-Yeilding email 10/29/2013
14	Risk Network	Deleted
15	Generic Issues	Fong-Yeilding email 10/29/2013
16	Fukushima	Hamzehee-Yeilding email 10/30/2013
17	Level 3 PRA	Coyne-Yeilding email 10/25/2013
18	Improve HRA	Peters-Yeilding email 10/30/2013
19	Operator Data Collection	Peters-Yeilding email 10/30/2013
20	Risk Inform Emergency Preparedness	Kahler-Sullivan email 10/30/2013
21	Risk Inform Emergency Response	Kahler-Sullivan email 10/30/2013
22	Risk Inform Emergency Action Levels	Nakoski-Yeilding email 10/24/2013
23	Risk Inform Security Workshop	Rivers-Yeilding email 10/30/2013
24	New Rx Reg Guidance	Caruso-Yeilding email 10/29/2013
25	Constr SDP	Deleted
26	LWR SPAR models	Coyne-Yeilding email 10/25/2013
27	SMR SSCs	Deleted
28	NGNP Licensing issues	Caruso-Yeilding email 10/29/2013
29	SMA pre-application review	Caruso-Yeilding email 10/29/2013
30	SMR Safety focus	Deleted
31	Test Rx	None
32	10CFR40 Jurisdictional Group	Deleted
33	Reprocessing facility rule making	Guttmann-Yeilding 10/30/2013
34	10CFR70 Inspection	Damon-Yeilding email 10/28/2013
35	RFCOP	Damon-Yeilding email 10/28/2013
36	Byproduct Materials	None
37	SF storage & transpotation enhanced framework	Rubenstone-Yeilding email 10/29/2013
38	SF storage & transporation update	Call-Yeilding email 10/25/2013
39	Assess SF transporation risk	Call-Yeilding email 10/25/2013
40	Level 3 PRA	Coyne-Yeilding email 10/25/2013
41	Disposal of Unique waste streams	McKenney-Yeilding email 10/28/2013
42	Concentration Averaging & Encapsulation	McKenney-Yeilding email 10/28/2013
43	Volume Reduction	Delete
44	Risk Glossary	Nakoski-Yeilding email 10/30/2013
45	PRA Quality, Standards	Nakoski-Yeilding email 10/30/2013
46	PRA Technical Adequacy	Nakoski-Yeilding email 10/30/2013
47	PRA Uncertainties	Nakoski-Yeilding email 10/30/2013
48	SF Transportation Fire Safety	Call-Yeilding email 10/25/2013
49	Probabilistic Flood Workshop	Nakoski-Yeilding email 11/7/2013

Yeilding, Dale

From: Nakoski, John
Sent: Tuesday, October 29, 2013 3:23 PM
To: Gilbertson, Anders
Cc: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Anders,

Thank you for this email and your input to Dale. The input is approved for release on our public website.

Regards,

John Nakoski

From: Gilbertson, Anders
Sent: Tuesday, October 29, 2013 3:13 PM
To: Nakoski, John
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

John,

Dale is looking to get management concurrence on the information for the Risk-Informed Activities Public Website and I was responsible for providing him with an update on the status of the next revision to RG 1.174 and the defense-in-depth language. I have coordinated with Mary on the input to the status of this activity since she has worked with me on it and is on the NTTF Recommendation 1 working group.

Anders Gilbertson
Reliability and Risk Analyst
U.S. Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Phone: 301-251-7592
Fax: 301-251-7435
Anders.Gilbertson@nrc.gov

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 3:02 PM
To: Gilbertson, Anders
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Anders,
Have you had a chance to get John's concurrence?
---Dale

Activity	Description	Status
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#4 Pg 2

As directed in SRM-SECY-11-0014, Regulatory Guide (RG) 1.174 and related regulatory guides (RG), (i.e., RGs 1.175, 1.177, and 1.178) were updated to clarify language describing defense-in-depth.
Risk Basis: These RGs provide guidance on the use of probabilistic risk assessment in plant-specific risk-informed decisionmaking.

The draft regulatory guides (DGs 1285, 1286, 1287, and 1288) were made available for public review and comment in 2012. Since the work under Near Term Task Force (NTTF) Recommendation 1 directly relates to defense-in-depth in the NRC's regulatory framework, the update to the RGs will be contingent upon the issuance of the SRM for the NTTF Recommendation 1 paper.

4 Anders Update Regulatory
Gilbertson Guide 1.174

From: Yeilding, Dale

Sent: Thursday, October 24, 2013 1:44 PM

To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph

Cc: Correia, Richard; Nakoski, John

Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Thank you for your activity input last month for both the SECY paper [ML13273A030] and public website. The SECY paper is now in your office concurrence that you may want to assure comments are provided by November 1st.

Concurrence-Reply: This year RES is asking that I get "management-concurrence" for the information that you provided for the public website. If the input you provided to me last month was reviewed by your branch chief, simply email-reply with a concurrence so stating, if not please run your website update language in the attached spreadsheet by your branch chief and then email concurrence or comments to me. Many of your activity status inputs were in a separate document that I put in ADAMS for the public and now link for your review.

Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks

---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

#5

Yeilding, Dale

From: Elliott, Robert
Sent: Wednesday, October 30, 2013 3:19 PM
To: Yeilding, Dale
Cc: Grover, Ravinder
Subject: RE: Request Email Concurrence - Risk-Informed Activity

Dale,
Sorry for the delay, I've been in meetings all day.

I concur with the table Ravi provided for inclusion on the public website.

Please let me know if you need anything else.

Thanks!
Rob

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 3:15 PM
To: Elliott, Robert
Cc: Grover, Ravinder
Subject: Request Email Concurrence - Risk-Informed Activity

Rob Elliott, (Branch Chief)
Ravinder, early this afternoon requested your concurrence for a public website update that will be going live tomorrow. I have incorporated input from your office, but a recent procedural requirement from RES has made a change, this year to require management approval. I requested this management approval last week (see email below) to over thirty authors and am facing a deadline right now.

MD 3.4, Release of Information to the Public
Organizational Responsibilities and Delegation of Authority
NRC Employees-0318(d) - *Obtain permission from the appropriate supervisor
when questions arise concerning releasability of information before the information is released.*

Thank you in advance for concurrence or comments for the activity (item#5) related to improving standard technical specifications.

---Dale Yeilding, 301-251-7577

Risk Informed Activity Public Website – 2013 Update

Activity	Description	Status
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#6
Yeilding, Dale

From: Hamzehee, Hossein
Sent: Friday, September 06, 2013 8:34 AM
To: Yeilding, Dale
Cc: Gallucci, Ray
Subject: FW: Risk Informed Activities - Previously RPP
Attachments: SECYItem06.docx; More Information Item 06.docx; RiskInformedActivities2013Update7 Hamzehee.xlsx

Importance: High

Dale,

Attached are the updated files prepared by Ray Gallucci of my staff. If you have any questions regarding these updates, please let Ray know.

Thanks,

Hossein

From: Gallucci, Ray
Sent: Friday, September 06, 2013 8:13 AM
To: Hamzehee, Hossein
Cc: Klein, Alex; Lain, Paul; Robinson, Jay
Subject: RE: Risk Informed Activities - Previously RPP
Importance: High

Attached are my updates, based on the 805 sharepoint site, my records, and my best estimates. If I receive any changes from AFPB before I leave today (1:00 pm), I will make them. Otherwise I will send to Dale before departure today.

From: Hamzehee, Hossein
Sent: Wednesday, September 04, 2013 5:53 PM
To: Gallucci, Ray
Subject: FW: Risk Informed Activities - Previously RPP

Ray,

Please see the e-mail below from Dale Yeilding from RES regarding updating the risk-Informed activities. Please update the section on NFPA 805 by Friday (9/6). You need to update the last three columns by saving the files as Word files and attach the updated Word files to your e-mail to Dale.

Please call Dale if you have questions.

Thanks,

Hossein

From: Yeilding, Dale
Sent: Wednesday, September 04, 2013 2:24 PM

#6 #16
Yeilding, Dale

From: Hamzehee, Hossein
Sent: Friday, October 25, 2013 7:47 AM
To: Yeilding, Dale
Cc: Laur, Steven
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"
Attachments: RiskInformedActivities2013status trackingML.xlsx

Dale,

I have already recommended concurrence to our division director last night. Please include the following recommended change from Steve Laur and you will have APLA concurrence.

Thanks,

Hossein

From: Laur, Steven
Sent: Friday, October 25, 2013 7:40 AM
To: Hamzehee, Hossein
Cc: Dinsmore, Stephen
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Hossein (**action requested**),

The attached provides the proposed updated description of risk-informed activities (see column I, "Description 2013"). Dale Yeilding is asking for Branch Chief concurrence on the words, via e-mail, with any Office comments by November 1, 2013.

My assignment was item #16. I recommend you provide Dale an e-mail with your concurrence with the edit shown below. The sentence is removed because the staff is seeking Commission approval to move ahead to develop a defense-in-depth policy statement and will NOT begin serious work to develop "balance" until after the Commission SRM is received.

Following the accident at the Fukushima Dai-ichi nuclear plant in Japan, the NRC initiated actions to evaluate lessons learned and to implement appropriate changes in nuclear power plant designs and procedures. Initial recommendations were included in the Near Term Task Force (NTTF) report entitled "Recommendations for Enhancing Reactor Safety in the 21st Century." Several of the items (e.g., Recommendation 1 regarding improving the regulatory framework and Recommendation 2.1 on re-evaluating seismic and flooding hazards) include incorporation of risk-informed, performance-based approaches into NRC activities. The status and program plans for items identified for longer term evaluations were reported to the Commission in SECY 12-0095. A status update was provided in SECY-13-0020. [add link]

Risk Basis: Recommendation 1 is to develop a regulatory framework that appropriately balances defense-in-depth and risk considerations. The exact nature of that balance is under development. The staff expects to provide options and recommendations to the Commission in December 2013. Recommendation 2.1 will use risk information as part of the determination of whether additional regulatory action is warranted.

Palatka 824

Please copy me on your concurrence e-mail to Dale. Let me know if you have questions or need additional information.

Yeilding, Dale

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 2:53 PM
To: Hamzehee, Hossein; Dinsmore, Stephen
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"
Attachments: RiskInformedActivities2013status trackingML.xlsx

Hossein,
Thank you for your concurrence for all Risk-Informed Activities for your Branch.
Have a nice day.
---Dale

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 10:11 AM
To: Hamzehee, Hossein
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Hossein,
Could provide branch chief concurrence for the following three items for the Risk-Informed Activity public website? I did not change the information received from Steve.
---Dale

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 3:00 PM
To: Dinsmore, Stephen
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Steve,
Have you had a chance to get branch chief concurrence?
---Dale, 301-251-7577

Activity		Description	Status
1	Steve Dinsmore	Emergency Core Cooling System (ECCS) Requirements: Re-definition of Loss-of-Coolant Accidents (LOCAs) Make risk-informed changes to LOCA-related technical requirements (10 CFR 50.46a). • Issue final rule (revised 10 CFR 50.46) to redefine large LOCA.	More Information (link to ML13280A627)
2	Steve Dinsmore	Emergency Core Cooling System (ECCS) Requirements: LOCA-Loss of Offsite Power (LOOP) Remove the requirement to consider a LOOP in conjunction with a large LOCA. • Complete safety evaluation of the LOCA-LOOP topical report promulgated by the Boiling-Water Reactor Owners' Group (BWROG). • Issue final rule to remove LOCA-LOOP requirement.	More Information (link to ML13280A628)

#7

Yeilding, Dale

From: Melly, Nicholas
Sent: Tuesday, October 29, 2013 3:12 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

Sorry must have missed this e-mail. I had mark review the information i provided to you for final concurrence before i submitted the final version.

Nick

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 3:03 PM
To: Melly, Nicholas
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Nick,
Have you had a chance to get branch chief concurrence?
---Dale

Activity		Description	Status
7	Nick Melly	Methods associated with the transition to 10 CFR 50.48c National Fire Protection Association Standard NFPA 805 Risk-Informed, Performance-Based Implementation and Improvements in Fire PRA and related activities. Risk Basis: The (RES) tasks identified provide support for the continuing implementation of the risk informed, performance-based fire protection rule Title 10 of the Code of Federal Regulations (CFR) 50.48(c), National Fire Protection Association (NFPA) Standard 805, and other on-going fire protection activities. Research projects incorporate risk information to further the state of the art application of methods tools and data used in accordance with NUREG/CR-6850 (EPRI 1011989)	More Information (link to ML13280A600)

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; ONeal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Thank you for your activity input last month for both the SECY paper [ML13273A030] and public website. The SECY paper is now in your office concurrence that you may want to assure comments are provided by November 1st.

#8

Yeilding, Dale

From: Li, Ming
Sent: Thursday, October 24, 2013 2:20 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

My inputs to item #8 was reviewed and revised by Kevin Coyne.

Thanks,
Ming

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Thank you for your activity input last month for both the SECY paper [\[ML13273A030\]](#) and public website. The SECY paper is now in your office concurrence that you may want to assure comments are provided by November 1st.

Concurrence-Reply: This year RES is asking that I get "management-concurrence" for the information that you provided for the public website. If the input you provided to me last month was reviewed by your branch chief, simply email-reply with a concurrence so stating, if not please run your website update language in the attached spreadsheet by your branch chief and then email concurrence or comments to me. Many of your activity status inputs were in a separate document that I put in ADAMS for the public and now link for your review.

Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks
---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

<u>Item#</u>	<u>Name</u>
1,2,3	S.Dinsmore
4	A.Gilbertson
5	D.O'Neal, K.Bucholtz
6	H.Hamzehee
7	<u>N.Melly</u>
8	M.Li
9	R.Iyengar

#9

Yeilding, Dale

From: Iyengar, Raj
Sent: Tuesday, October 29, 2013 12:18 PM
To: Yeilding, Dale
Subject: RPP-Oct-28-2013.docx
Attachments: RPP-Oct-28-2013.docx

Hi dale,

The attached file contains the revision, highlighted in yellow. Can you use this file (for background material)?

You have the lead BC approval for the RPP input for C-SGTR.

Raj

Yeilding, Dale

#12 #13

From: Nakoski, John
Sent: Tuesday, October 29, 2013 2:51 PM
To: Marksberry, Don
Cc: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Don,

Thank you for providing this input. It is approved for sharing on our public website.

Regards,

John Nakoski

From: Marksberry, Don
Sent: Tuesday, October 29, 2013 2:33 PM
To: Nakoski, John
Cc: Yeilding, Dale
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

John

Please approve my input to the RPP webpage regarding RASP-related activities.

The document from the status column link is attached to this e-mail.

Thanks.

Don

Previously Risk-informed Performance-based Plan (RPP)							
Version D				2012 Website Sub-arena (2013 not live)			
Item#	Office - Division	Division Director	Update Author		Activity	Description 2012	Status 2012
12	RES-DRA	Correia	Don Marksberry	<u>Operating Rx</u>	Event and Condition Assessment: Technical Guidance	Provide guidelines for analysis of events, and maintain guidelines in support of revised methods and user needs. •Provide an integrated handbook for the analysis of internal, external, and low-power/shutdown events. •Document Methods for estimating common-cause failure (CCF), equipment unavailability, independent failure probability, and initiating event frequency.	<u>More Information</u>

#12 #13 #92

13	RES-DRA	Correia	Don Marksberry	<u>Operating Rx</u>	Event and Condition Assessment: Technical Support	Maintain analysis methods to support user needs, and provide on-call technical assistance to senior reactor analysts and NRR. •Provide event-specific methods and SPAR model modifications (MD 8.3, ROP, ASP). •Provide Significance Determination Process (SDP) analysis reviews, as requested. •Provide support (methods and models) to the Risk Assessment Standardization Project (RASP) help desk.
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#14

Yeilding, Dale

From: Zoulis, Antonios
Sent: Thursday, October 24, 2013 2:40 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Good, I like it

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
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Activity Authors - Risk-Informed Activities Public Website

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Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks
---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

Item#	Name
1,2,3	S.Dinsmore
4	A.Gilbertson
5	D.O'Neal, K.Bucholtz
6	H.Hamzehee
7	N.Melly
8	M.Li
9	R.Iyengar
10	P.Appignani
11	J.Wood
12,13	D.Marksberry
14	A.Zoulis
15	C.Fong, S.Anderson

#15

Yeilding, Dale

From: Fong, CJ
Sent: Tuesday, October 29, 2013 10:27 AM
To: Yeilding, Dale
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

Here is branch chief approval for line item 15.

Thanks,
CJ

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

From: Stang, John
Sent: Tuesday, October 29, 2013 10:25 AM
To: Fong, CJ
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

looks good I recommend concurrence

From: Fong, CJ
Sent: Tuesday, October 29, 2013 10:21 AM
To: Stang, John
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

AM...tomorrow? Looks like they want concurrence on this by COB today. It's really just:

GI-191: Assessment of Debris Accumulation on PWR Sump Performance. GI-199, Implications of Updated Probabilistic Seismic Hazard Estimates in Central and Eastern US on Existing Plants and GI-204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure, efforts have been rolled-up into the Fukushima Lessons Learned activities (Recommendation 2.1, flooding and seismic reassessment). Risk Basis: Licensees calculate the portions of core damage frequency (CDF) and large early release frequency (LERF) attributable to debris and compare them to the risk acceptance guidelines in Regulatory Guide 1.174.

I don't see any issues here, do you?

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

From: Stang, John
Sent: Tuesday, October 29, 2013 10:16 AM
To: Fong, CJ
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Lets talk in the AM

From: Fong, CJ
Sent: Tuesday, October 29, 2013 8:55 AM
To: Yeilding, Dale; Anderson, Shaun; Stang, John
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

H 18
H 19

Yeilding, Dale

From: Peters, Sean
Sent: Wednesday, October 30, 2013 4:02 PM
To: Yeilding, Dale
Cc: Xing, Jing; Chang, James; Nakoski, John
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Hey Dale,

I concur with the below highlighted/red edits.

Sean

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 2:54 PM
To: Peters, Sean
Cc: Xing, Jing; Chang, James
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Sean,
Need a final email-reply from you to document branch chief concurrence. Thanx
---Dale

	Activity	Description	Status
18	Jing Xing, Sean Peters	<p>Improvement of Human Reliability Analysis (HRA) methods and practices</p> <p>HRA efforts address the suitability of an individual method to a regulatory application; consistency among HRA practitioners in use of methods; the absence of guidance on the rigor needed for quantifying human reliability; and the scarcity of empirical data to evaluate human performance.</p> <ul style="list-style-type: none">•International HRA Empirical Study for benchmarking HRA methods.•US Study for benchmarking HRA methods. <p>•NRC/EPRI collaborative effort to address HRA model differences (SRM-M061020).</p> <p>•Develop HRA methodology for risk analyses of external events, shutdown events, and Level-3 PRA</p> <p>Risk Basis: Regulatory Guide (RG) 1.200 provides an acceptable approach for determining the technical adequacy of PRA results for risk-informed activities. HRA is a key element in the PRA; different HRA methods often have different assumptions and approximations and, therefore, may yield different results. Thus, improving HRA methods enhances the consistency and quality of HRA and PRA.</p>	<p>More Information (link to ML13280A607)</p>
19	James Chang, Sean Peters	<p>Operator Simulator Exercise Data Collection</p> <p>Data collection for HRA</p> <ul style="list-style-type: none">•Implement MOU with the South Texas Project Nuclear Operation Company (STPNOC) to use STPNOC's crew and simulator for data collection. <p>Risk Basis: Acquiring data to improve the credibility and consistency of human error probability estimates are an integral part of determining the human contribution to overall plant risk.</p>	<p>More Information (link to ML13280A608)</p>

#16

Yeilding, Dale

From: Gibson, Lauren
Sent: Thursday, October 24, 2013 4:37 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"
Attachments: FW: Item 16 Risk Informed.docx

Dale,

My branch chief, Bill Reckley, reviewed the information that we provided for the public website.

Thank you,
Lauren

Lauren K. Gibson

Project Manager

Policy and Support Branch

Japan Lessons Learned Project Directorate

(301) 415-1056

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; ONeal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Thank you for your activity input last month for both the SECY paper [\[ML13273A030\]](#) and public website. The SECY paper is now in your office concurrence that you may want to assure comments are provided by November 1st.

Concurrence-Reply: This year RES is asking that I get "management-concurrence" for the information that you provided for the public website. If the input you provided to me last month was reviewed by your branch chief, simply email-reply with a concurrence so stating, if not please run your website update language in the attached spreadsheet by your branch chief and then email concurrence or comments to me. Many of your activity status inputs were in a separate document that I put in ADAMS for the public and now link for your review.

Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks

---Dale Yeilding, 301-251-7577

Attached:

Yeilding, Dale

From: Coyne, Kevin
Sent: Friday, October 25, 2013 6:52 AM
To: Yeilding, Dale
Cc: Appignani, Peter; Wood, Jeffery; Iyengar, Raj; Kuritzky, Alan; Gonzalez, Michelle; Li, Ming; Nakoski, John
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"
Attachments: RiskInformedActivities2013status trackingML.xlsx; FW: Concurrence Request - Risk-Informed Activities "Public Website"; Question on C-SGTR RPP Paper Inputs
Importance: High

Dale –

I've taken a look through the spreadsheet for the items associated with PRAB. We have either a lead or a significant supporting role for the following items:

- #8 – Digital (Li)
- #9 – C-SGTR (Iyengar)
- #10 – SPAR (Appignani)
- #11 – SAPHIRE (Wood)
- #17 – Level 3 PRA (Kuritzky)
- #26 – New SPAR Models (Gonzalez)
- #40 – Level 3 PRA – mtl (Kuritzky)

I've forwarded some questions to Raj Iyengar on the C-SGTR status document and to Jeff Wood on SAPHIRE (attached). I also recommended revising the 2013 description for item #10 (SPAR) to read the following for better consistency with the rest of the table (specifically to delete reference to SAPHIRE since it has its own line item and to add the risk basis):

Maintain and develop Standardized Plant Analysis Risk (SPAR) Models Development Program and ~~Systems Analysis Program for Hands-On Integrated Reliability Evaluations~~ SPAR models are plant-specific PRA models that treat accident sequence progression, plant systems and components, and plant operator actions. The standardized models represent the as-built and as-operated plant. As such, they permit the staff to perform risk-informed regulatory activities by independently assessing the risk of events or degraded conditions at operating nuclear power plants. ~~In addition, the NRC staff continues to maintain and improve the SAPHIRE Version 8 software to support risk-informed programs.~~ The staff provided the Commission with an update of SPAR-related these activities in SECY-13-0107, "Status of the Accident Sequence Precursor Program and the Standardized Plant Analysis Risk Models," dated October 4, 2013.

Risk Basis: The SPAR models are used to support a variety of agency risk-informed programs including the reactor significance determination process and the Accident Sequence Precursor program.

Everything else looked good to me –

Kevin

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun;

#17
#40

Yeilding, Dale

From: Kuritzky, Alan
Sent: Thursday, October 24, 2013 4:19 PM
To: Yeilding, Dale
Cc: Coyne, Kevin
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

Both I and my branch chief, Kevin Coyne, concur on the updated information for the public website for Items 17 and 40.

Alan

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

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Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks
---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

Item#	Name
1,2,3	S.Dinsmore
4	A.Gilbertson
5	D.O'Neal, K.Bucholtz
6	H.Hamzehee
7	N.Melly
8	M.Li

Yeilding, Dale

#20
#21

From: Kahler, Robert
Sent: Wednesday, October 30, 2013 8:40 AM
To: Sullivan, Randy
Cc: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Randy,

I have no comments and concur on the items 20 and 21.

Robert Kahler, Chief

Robert E. Kahler
US Nuclear Regulatory Commission
NSIR/DPR/EP/IRIB Branch Chief
Three White Flint North, 3WFN-09D04
11601 Landsdown Street
North Bethesda, MD 20852

Office (301) 287-3756

"Science is a wonderful thing if one does not have to earn one's living at it."
Albert Einstein

From: Sullivan, Randy
Sent: Wednesday, October 30, 2013 7:00 AM
To: Kahler, Robert
Cc: Yeilding, Dale
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Somehow, RES maybe wants you to concur on these items... I am pursuing office concurrence on the annual paper and did not realize they wanted you to concur on the detailed attachment...

20 and 21 below

Would you please review and comment, if need be?

Thank you

Randolph Sullivan, CHP

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 3:10 PM
To: Sullivan, Randy; Rivers, Joseph
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Randy/Joesph,
Have you had a chance to get branch chief concurrence?

#22

Yeilding, Dale

From: Nakoski, John
Sent: Thursday, October 24, 2013 4:46 PM
To: Yeilding, Dale
Subject: RE: Need Your Concurrence

Dale,

You have my concurrence.

John Nakoski

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:49 PM
To: Nakoski, John
Cc: Herrick, Sandra
Subject: Need Your Concurrence

John,
Sandy Herrick provided input for the Risk-Informed Activity Website and has now moved to a position in the region. I need your concurrence to put the activity update on the public website.
---Dale

22 Operating Rx

Risk Informing
Emergency
Preparedness
Oversight: Risk
Inform Emergency
Action Levels
(EALs)

Apply SPAR models to calculate the conditional core damage probabilities (CCDPs) of different event scenarios for each EAL at different emergency classification levels (ECLs). Determine if there is any new risk-informed insight that can be applied to update the EALs in each plant. Results was published in NUREG/CR-7154, "Risk Informing Emergency Preparedness Oversight: Evaluation of Emergency Action Levels — A Pilot Study of Peach Bottom, Surry and Sequoyah" in January 2013. Additionally Level 2 study for selected EAL scenarios were documented in a white paper titled "Feasibility Study of Risk Informing Emergency Preparedness Using Level 2 PRA: A Pilot Study Using Peach Bottom Level 2 SPAR Models" Risk Basis: Conditional core damage probability (CCDP) was used as a key risk metric to evaluate EAL scenarios.

More
Information (link
to
ML13280A614)

23

Yeilding, Dale

From: Rivers, Joseph
Sent: Wednesday, October 30, 2013 9:47 AM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Yes, I concur.

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 9:45 AM
To: Rivers, Joseph
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Jo,
Will you concur on item #23 for the Risk-Informed Activities public website?
---Dale

23

Randy
Sullivan,
Joe
Rivers

Risk Informing
Security Workshop

The staff plans to conduct a workshop on risk-informing security as a follow-on to the September 2010 workshop conducted at Sandia National Laboratories.
Risk Basis: Several areas will be analyzed to identify possibilities to better risk inform security, to include comparing risk implementation across disciplines, evaluating the likelihood of initiating events, and using risk to grade security based on the attractiveness of special nuclear material to the adversary.

[More
Information \(link
to
ML13280A616\)](#)

From: Kahler, Robert
Sent: Wednesday, October 30, 2013 8:59 AM
To: Yeilding, Dale
Cc: Sullivan, Randy
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

I did review the ADAMS linked documents.

No, I did not concur on item #23 since it is an NSIR/DSP developed document/activity and is not an NSIR/DPR activity. (Not sure why Randy is listed on the item) Hence, the reason Randy requested I only review items 20 and 21. You would need to get Joe Rivers' Branch Chief to concur.

Bob

Robert E. Kahler
US Nuclear Regulatory Commission
NSIR/DPR/EP/IRIB Branch Chief
Three White Flint North, 3WFN-09D04
11601 Landsdown Street

24 ✓ # 27
25 ✓ 28
29
30

Yeilding, Dale

From: Caruso, Mark
Sent: Tuesday, October 29, 2013 3:11 PM
To: Yeilding, Dale
Cc: Mrowca, Lynn; Schroer, Suzanne
Subject: spreadsheet on Risk Informed Activities
Attachments: RiskInformedActivities2013status trackingML-mac.xlsx

Dale:

Here is the SPRA-approved spreadsheet on risk informed activities that Suzanne prepared.

Mark Caruso, Acting Chief
NRO/DSRA/SPRA

#31

Yeilding, Dale

From: Adams, John
Sent: Thursday, October 24, 2013 3:33 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

My input was approved by the deputy division director.

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Thank you for your activity input last month for both the SECY paper [\[ML13273A030\]](#) and public website. The SECY paper is now in your office concurrence that you may want to assure comments are provided by November 1st.

Concurrence-Reply: This year RES is asking that I get "management-concurrence" for the information that you provided for the public website. If the input you provided to me last month was reviewed by your branch chief, simply email-reply with a concurrence so stating, if not please run your website update language in the attached spreadsheet by your branch chief and then email concurrence or comments to me. Many of your activity status inputs were in a separate document that I put in ADAMS for the public and now link for your review.

Since I did not make any changes to your earlier input, I'm asking for quick concurrence/comments by COB, Tuesday Oct 29th next week. The website update must parallel the SECY paper. Thanks
---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

Item#	Name
1,2,3	S.Dinsmore
4	A.Gilbertson
5	D.O'Neal, K.Bucholtz
6	H.Hamzehee
7	N.Melly
8	M.Li
9	R.Iyengar
10	P.Appignani
11	J.Wood
12,13	D.Marksberry
14	A.Zoulis
15	C.Fong,S.Anderson

#32 #41
#36 42
43

Yeilding, Dale

From: McKenney, Christopher
Sent: Monday, October 28, 2013 3:38 PM
To: Yeilding, Dale
Cc: Camper, Larry; Mohseni, Aby; Abu-Eid, Bobby
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

I concur with these changes.

Christopher McKenney, Chief
Performance Assessment Branch
Environmental Protection and
Performance Assessment Directorate
Division of Waste Management and
Environmental Protection
Office of Federal and State Materials
and Environmental Management Programs

Phone: (301) 415-6663
Fax: (301) 415-5369
Email: Christopher.McKenney@nrc.gov
Website: <http://www.nrc.gov/waste.html>

From: Abu-Eid, Bobby
Sent: Monday, October 28, 2013 3:08 PM
To: McKenney, Christopher
Cc: Yeilding, Dale; Camper, Larry; Mohseni, Aby
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Chris,
Please concur on the e-mail below regarding website information; as Dale indicated, it needs a manager concurrence at BC level or higher. My position as SLS is unacceptable since it is not a manager position.
Thanks!
Bobby

From: Abu-Eid, Bobby
Sent: Monday, October 28, 2013 1:06 PM
To: Yeilding, Dale
Cc: Jessie, Janelle; Rivera, Alison
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,
Please make minor changes on the website pertaining to FSME. Please change the division director for row 41 to C. Miller and for row 42 to L. Camper (both currently Galloway).
I also recommended FSME concurrence on SECY paper.
Bobby

#33

Yeilding, Dale

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 5:11 PM
To: Guttman, Jack
Cc: Stablein, King; Matula, Thomas
Subject: RE: Risk Informed Update for Reprocessing

Jack,
I will keep the existing language that you approved since the SRM has not been issued. I can update the website at any time in the future.

---Dale

From: Guttman, Jack
Sent: Wednesday, October 30, 2013 5:08 PM
To: Yeilding, Dale
Subject: RE: Risk Informed Update for Reprocessing

OK,

I'll let you know when the final SRM is released.

Jack

From: Yeilding, Dale
Sent: Wednesday, October 30, 2013 4:29 PM
To: Guttman, Jack
Cc: Stablein, King; Matula, Thomas
Subject: RE: Risk Informed Update for Reprocessing

Jack,
Thank you for the revised input for the Risk-Informed public website... I added the Risk Basis statement to your revised language and corrected a typo.

Do you concur in this language for Item#33 description?

SECY-13-0093 responded to SRM-SECY-11-0163. SRM-SECY-13-0093 approved development of a reprocessing-specific rule in a new 10 CFT CFR Part 7X.

Continued work of the framework should be limited in scope to resolution of Gap 5, Risk Assessment Methodologies.

Risk Basis: Develop a risk-informed regulatory framework for reprocessing.

Thanks for an email-reply concurrence.

---Dale Yeilding, 301-251-7577

Activity	Description	Status	Guttman-ColumnK
33 Rulemaking for Reprocessing Facilities	See Column K highlighted. SRM close to final. Provide a notation vote paper addressing topics concerning possible licensing of nuclear fuel reprocessing facilities, including the extent to which PRA-based risk assessment methodology should be applied. Risk Basis: Develop a risk-informed regulatory framework for reprocessing.	SECY-13-0093	SECY-13-0093 responded to SRM-SECY-11-0163. SRM-SECY-13-0093 approved development of a reprocessing-specific rule in a new CFT Part 7X. Continued work of the framework should be limited in scope to resolution of Gap 5, Risk Assessment Methodologies.

Yeilding, Dale

#34
#35

From: Damon, Dennis
Sent: Monday, October 28, 2013 2:41 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"
Attachments: Item34RevInspProced_statuslinkOct282013_rpp.docx;
Item35RFCOP_statuslinkOct282013_rpp.docx

Dale,

NMSS Fuel Cycle Division management has provided the two attachments above, which are revisions to the previous input, primarily to delete outdated past information. These two files are the documents with a link in the "status" column of your spreadsheet for Items 34 and 35.

Dennis Damon
NMSS/FCSS
301-287-9087

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; ONeal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

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---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

Item#	Name
1,2,3	S.Dinsmore
4	A.Gilbertson

#37

Yeilding, Dale

From: Rubenstone, James
Sent: Tuesday, October 29, 2013 4:52 PM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

I'm the Branch Chief. My Division Director is OK with this language.

Sorry for the late response.

Jim

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 3:18 PM
To: Rubenstone, James
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

James,
Have you had a chance to get branch chief concurrence?
---Dale

Activity		Description	Status
37	Jim Rubenstone, Hipolito Gonzalez	Extended Storage and Transportation of Spent Nuclear Fuel (SNF) Continue current research activities that support the determination of the regulatory bases of long- term storage. Complete the extended storage and transportation regulatory gap assessments. Risk Basis: Use risk information and performance-based approaches in the gap assessments to identify technical and regulatory needs to expand the basis for regulating the extended storage and transportation of spent nuclear fuel.	SECY-13-0057 (ADAMS pkg. ML13144A717) [add link]: Annual Status Report: Activities Related to Extended Storage and Transportation. Technical Information Needs Report will be finalized in 2013

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; ONeal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

Yeilding, Dale

From: Call, Michel
Sent: Friday, October 25, 2013 8:52 AM
To: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Dale,

When we did this before, NMSS had a ticket for taking care of the issue. My division director reviewed and ok'd the input at that time. This should cover the requested "management-concurrence".

Mike

From: Yeilding, Dale
Sent: Thursday, October 24, 2013 1:44 PM
To: Dinsmore, Stephen; Gilbertson, Anders; O'Neal, Daniel; Bucholtz, Kristy; Hamzehee, Hossein; Melly, Nicholas; Li, Ming; Iyengar, Raj; Appignani, Peter; Wood, Jeffery; Marksberry, Don; Zoulis, Antonios; Fong, CJ; Anderson, Shaun; Laur, Steven; Gibson, Lauren; Kuritzky, Alan; Xing, Jing; Chang, James; Sullivan, Randy; Schroer, Suzanne; Gonzalez, Michelle; Adams, John; Abu-Eid, Bobby; Matula, Thomas; Damon, Dennis; Rubenstone, James; Call, Michel; Kuritzky, Alan; Drouin, Mary; Call, Michel; Rivers, Joseph
Cc: Correia, Richard; Nakoski, John
Subject: Concurrence Request - Risk-Informed Activities "Public Website"

Activity Authors - Risk-Informed Activities Public Website

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---Dale Yeilding, 301-251-7577

Attached:

Spreadsheet with 2013 website update

<u>Item#</u>	<u>Name</u>
1,2,3	S.Dinsmore
4	A.Gilbertson
5	D.O'Neal, K.Bucholtz
6	H.Hamzehee
7	N.Melly
8	M.Li
9	R.Iyengar

#44 #46
#45 #47

Yeilding, Dale

From: Nakoski, John
Sent: Wednesday, October 30, 2013 8:11 AM
To: Drouin, Mary
Cc: Yeilding, Dale
Subject: RE: Concurrence Request - Risk-Informed Activities "Public Website"

Mary,

Thanks for your sharing this information with Dale to put on the public website. I concur.

John

From: Drouin, Mary
Sent: Tuesday, October 29, 2013 5:07 PM
To: Nakoski, John
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

John,

Need your concurrence.

Tks, mary

From: Yeilding, Dale
Sent: Tuesday, October 29, 2013 2:27 PM
To: Drouin, Mary
Subject: FW: Concurrence Request - Risk-Informed Activities "Public Website"

Mary,

Could you ask and explain to John your four Risk-Informed activities for the public website... I need branch chief concurrence.

---Dale

Activity			Description	Status
44	Mary Drouin	Glossary of Risk-Related Terms	Risk Basis: The glossary is intended to identify and define terms used in risk-informed activities related to commercial nuclear power plants. By providing a single source where the terms can be found, the glossary is intended to reduce ambiguity and facilitate communication on risk-informed activities.	This glossary, NUREG-2122, (link to ML131112A333) has been submitted to publications, expected to be published by the end of October 2013.

#49

Yeilding, Dale

From: Nakoski, John
Sent: Thursday, November 07, 2013 5:04 PM
To: Yeilding, Dale
Subject: RE: Branch Chief Concurrence for public website - Flood Hazard

Dale,

I approve the addition of this information to the website.

John Nakoski

From: Yeilding, Dale
Sent: Thursday, November 07, 2013 5:03 PM
To: Nakoski, John
Subject: Branch Chief Concurrence for public website - Flood Hazard

John,
You verbally approved Nicholson's writeup [ML13311B363] on the "Workshop on Probabilistic Flood Hazard" for the SECY paper. Please email reply your approval to put the document on the public website for Risk Informed Activities. Click the blue link below to view the document.

---Dale

PS: As directed, next week I'll assemble all the branch chief approvals into a single document.

Arena	Activity	Description	Status	SECY
<u>Operating Rx</u>	Workshop on Probabilistic Flood Hazard	<p>A recent workshop coordinated with federal agency partners to share information on probabilistic flood-hazard assessments for extreme events such as: flood-induced dam and levee failures; tsunami flooding; riverine flooding, local intense precipitation flooding and storm surges.</p> <p>NUREG/CP-0302 [add link to ML13277A074] documented the proceedings including recommendations that will be considered during the development of a NRC research plan on flooding.</p> <p>Risk Basis: The development of flooding models for all types of external events along with the methods to analyze their effects on a facility will support and improve risk analysis.</p>	More Information (link to ML13311B363)	A. Enclosure

From: Garrison, Jade
Sent: Thursday, November 07, 2013 2:34 PM
To: Yeilding, Dale
Subject: Your document has been added to ADAMS

It should be publically available by tomorrow.

[View ADAMS P8 Properties ML13311B363](#)