

FOIA/PA NO: 2014-0027

Group B

RECORDS BEING RELEASED IN PART

The following types of information are being withheld:

- Ex. 1: ☐ Records properly classified pursuant to Executive Order 13526
- Ex. 2: ☐ Records regarding personnel rules and/or human capital administration
- Ex. 3: ☐ Information about the design, manufacture, or utilization of nuclear weapons
☐ Information about the protection or security of reactors and nuclear materials
☐ Contractor proposals not incorporated into a final contract with the NRC
☐ Other _____
- Ex. 4: ☐ Proprietary information provided by a submitter to the NRC
☐ Other _____
- Ex. 5: ☒ Draft documents or other pre-decisional deliberative documents (D.P. Privilege)
☐ Records prepared by counsel in anticipation of litigation (A.W.P. Privilege)
☐ Privileged communications between counsel and a client (A.C. Privilege)
☐ Other _____
- Ex. 6: ☐ Agency employee PII, including SSN, contact information, birthdates, etc.
☐ Third party PII, including names, phone numbers, or other personal information
- Ex. 7(A): ☐ Copies of ongoing investigation case files, exhibits, notes, ROI's, etc.
☐ Records that reference or are related to a separate ongoing investigation(s)
- Ex. 7(C): ☐ Special Agent or other law enforcement PII
☐ PII of third parties referenced in records compiled for law enforcement purposes
- Ex. 7(D): ☐ Witnesses' and Allegers' PII in law enforcement records
☐ Confidential Informant or law enforcement information provided by other entity
- Ex. 7(E): ☐ Law Enforcement Technique/Procedure used for criminal investigations
☐ Technique or procedure used for security or prevention of criminal activity
- Ex. 7(F): ☐ Information that could aid a terrorist or compromise security

Other/Comments: _____

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, April 27, 2011 3:13 PM
To: Wilson, George; Ferrante, Fernando
Cc: Khanna, Meena
Subject: RE: OUO Status of Dam Failure Analysis Report

(b)(5)

Richard Perkins

From: Wilson, George
Sent: Wednesday, April 27, 2011 2:53 PM
To: Perkins, Richard; Ferrante, Fernando
Cc: Khanna, Meena
Subject: RE: OUO Status of Dam Failure Analysis Report

Anything related with flooding analyses of Dam breaks would be Official use only due to DHS evaluation of the critical infrastructure (i.e. the flooding study done by the ARMY Corp is official use only.

From: Perkins, Richard
Sent: Wednesday, April 27, 2011 2:29 PM
To: Ferrante, Fernando
Cc: Khanna, Meena; Wilson, George
Subject: OUO Status of Dam Failure Analysis Report
Importance: High

Fernando,

With regard to the "Screening Analysis Report for the Proposed Generic Issue on Flooding of Nuclear Power Plant Sites Following Upstream Dam Failures":

(b)(5)

(b)(5)

Thanks,

Richard H. Perkins, P.E.
Nuclear Regulatory Commission

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, May 25, 2011 11:52 AM
To: Coe, Doug
Cc: Beasley, Benjamin
Subject: RE: Draft memo for NSIR

Hi Doug,

(b)(5)

What do you think?

Rich

From: Beasley, Benjamin
Sent: Wednesday, May 25, 2011 11:34 AM
To: Perkins, Richard
Subject: FW: Draft memo for NSIR

From: Coe, Doug
Sent: Wednesday, May 25, 2011 11:10 AM
To: Beasley, Benjamin
Subject: RE: Draft memo for NSIR

Ben – some thoughts on the draft memo for your consideration.
Thanks,
Doug

From: Beasley, Benjamin
Sent: Tuesday, May 24, 2011 3:53 PM
To: Coe, Doug
Subject: Draft memo for NSIR

Doug,

Attached is the draft memo to send to NSIR for heads up.

Ben

Perkins, Richard

From: Perkins, Richard
Sent: Friday, July 01, 2011 6:07 PM
To: Bensi, Michelle
Subject: RE: Communication Plan hand off - back to you!

Shelby,

Welcome back! First, thank you for the excellent hand over you left for me. You'll be happy to know that I have not messed anything up because I have made no changes to the comm plan documents since you left. But despite that, I made a lot of progress on other things while you were away. On Friday, I determined it was best to just to return the documents to you unharmed.

(b)(5)

This week and last weekend, I did a lot of research on related US Code, Executive Orders, CFR title 10, Final Rules from FERC, etc. to understand the latest. National Archives issued an initial action about two weeks ago for a new category of information called CUI – controlled classified information. All the background behind it support our argument and makes the decision fait accompli but I was trying to pull the info together for completeness. I'm not sure I will need to deal with this much more, but I did brief Rich C. and Doug C. on what I had.

NMSS told us via e-mail that they do not see a need to increase the scope (fuel facilities, dry storage, etc. do not need to be included), but they wish to participate strongly with the comm plan coordination and wherever else they can fit in.

(b)(5)

Call me if you need to. 301-801-1237
I hope you had a nice 4th

Thanks,
Richard

From: Bensi, Michelle
Sent: Friday, June 24, 2011 3:48 PM
To: Perkins, Richard
Cc: Kauffman, John
Subject: RE: Communication Plan

Another note: The comm plan "tense" may need to be reviewed (i.e. do we say it IS a GI, is GOING TO BE a GI, etc.) I do not think it is currently consistent.

From: Bensi, Michelle
Sent: Friday, June 24, 2011 3:45 PM
To: Perkins, Richard
Cc: Kauffman, John
Subject: Communication Plan

Richard,

I received the final set of comments on the comm plan back from NRR this morning (Friday). Thus, I did not have an opportunity to finish addressing all their comments or accepting/rejecting tracked changes. I have attached the current draft of the plan. I have also attached the distribution email (the email that will be used to send out the email with the Comm Plan) as well as the distribution list. The distribution list is based on suggestions from Ben, Veronica, and Fernando.

Ben has asked that we hold up on the distribution of the Comm Plan until we hear back from NSIR. You may also want to continue coordination with NRR/DE. I talked with Meena several times today about the OUO stuff. I made them aware of the publically available inspection reports. I have deferred to you on all decisions regarding what is ultimately done. Meena will be contacting you next week. Talk with John Kauffman about all the stuff that went on Friday.

The following open issues need to be addressed:

(b)(5)

- Editing: Because of short time, I have not had a chance to review/edit the comm plan after the additions/deletions based on the comments from reviewers. The document will require a good editorial scrub.

(b)(5)

- Update fields: The question list in the comm plan document is linked to the actual questions included in the text. Please remember to update the table by right-clicking on the table and selecting "update field."
- Add your comments to the Comm Plan: I haven't gotten a chance to address all your comments since I only received the revised document from NRR this morning.
- Marie's comments: There is one remaining comment from Marie Pohida in the comm plan text. I have included the comment in blue highlighting with a note saying "comment from Marie."
- Numbering: Typically, when I included references from one question to another (e.g. "see question 1 for more information"), I used cross-referencing (so if you "select all" text in the document and then select "update field," all the numbers will update automatically). The NRR edits did not use cross-referencing so the question numbers may not be correct. Please check all cross-references to make sure they are referring to the correct question.
- Fill in blanks in distribution email: In the email, there are a few places where dates or other information needs to be added. Please add them as appropriate based on when the comm plan email goes out.

Key contacts:

- o For dam frequency IN: Fernando Ferrante, Veronica Rodriguez
- o For flooding frequency IN: Meena Khanna
- o For NRR OUO stuff: Meena Khanna, George Wilson

Fernando said he is willing to help out with the comm plan. I have found him incredibly helpful.

Please note that in my out-of-office reply, I have indicated people should contact you regarding all stuff related to the dam failure issue.

Sorry for leaving for vacation with this half-done. I think you have my cell number, but if not, John has it. Give me a call if you have any questions. However, I will be in Yosemite and I don't know if I will have cell service. If I don't answer or don't call you back, it is probably because I don't have service.

Good luck,
Shelby

Perkins, Richard

From: Perkins, Richard
Sent: Monday, July 11, 2011 5:14 PM
To: Correia, Richard
Subject: FW: ACTION FW: Coordination on a Proposed Generic Issue
Attachments: RE: Coordination on a Proposed Generic Issue; RE: Coordination on a Proposed Generic Issue

From: Perkins, Richard
Sent: Monday, July 11, 2011 4:03 PM
To: Tripathi, Bhasker
Subject: FW: ACTION FW: Coordination on a Proposed Generic Issue

Bob,

I've received a few questions regarding the dry cask response to flooding and was hoping to discuss them with you. I'll try to reach you on the phone. Also, feel free to call me on the phone at your convenience.

Thanks,
Richard Perkins
301-251-7479

From: Smith, James
Sent: Wednesday, June 29, 2011 8:46 AM
To: Perkins, Richard; Tripathi, Bhasker
Cc: Bensi, Michelle; Bailey, Marissa; Haney, Catherine; Kokajko, Lawrence; Hiltz, Thomas; Pstrak, David; Weaver, Doug; Bailey, Marissa; Waters, Michael
Subject: RE: ACTION FW: Coordination on a Proposed Generic Issue

Just one from my boss, see attached, that "NMSS would still like to be involved." And a second from SFST from Richard Tang.

From: Perkins, Richard
Sent: Tuesday, June 28, 2011 4:03 PM
To: Smith, James; Tripathi, Bhasker
Cc: Bensi, Michelle
Subject: FW: ACTION FW: Coordination on a Proposed Generic Issue

Thanks Jim,

(b)(5)

Bhasker, please let me know if I am interpreting your feedback incorrectly?

If you have any updates, changes, or clarifications along the way, please let me know.

Thanks again,
Richard Perkins
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch
Phone - 301/251-7479

From: Smith, James
Sent: Tuesday, June 28, 2011 2:58 PM
To: Perkins, Richard
Cc: Kinneman, John; Hiltz, Thomas; Haney, Catherine; Bailey, Marissa; Kokajko, Lawrence; Bensi, Michelle; Compton, Keith; Mohseni, Aby; Tripathi, Bhasker; Pstrak, David; Weaver, Doug; Tang, David; Waters, Michael; Jordan, Natreon; Beasley, Benjamin
Subject: RE: ACTION FW: Coordination on a Proposed Generic Issue

Richard-

(b)(5)

From the Division of SFST the comments are in the attached e-mail from Bob Tripathi.

From the Division of HLWRS, there are no comments, but it is assumed it is not applicable

Contact me for questions regarding FCSS, and Bob (Bhasker) Tripathi for questions regarding SFST input.

Thanks

Jim

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, July 12, 2011 9:52 AM
To: Campbell, Larry
Cc: Kauffman, John; Correia, Richard; Coe, Doug; Tripathi, Bhasker
Subject: FW: Additional detail on ISFSIs and dam failure

Larry,

I see that Marissa is out for a few days. Can I pass this request to you?

Richard H. Perkins, P.E.
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch
Phone - 301/251-7479

From: Perkins, Richard
Sent: Tuesday, July 12, 2011 9:49 AM
To: Bailey, Marissa
Cc: Tripathi, Bhasker; Kauffman, John; Correia, Richard; Coe, Doug
Subject: Additional detail on ISFSIs and dam failure

Good Morning Marissa,

I just spoke with Bob Tripathi this morning, who was helpful in giving me some pointers on NMSS ISFSIs and potential flooding events w.r.t. upstream dam failure. As you know, we're working on the communication plan for the soon to be released Generic Issue on flooding following upstream dam failures. (b)(5)

(b)(5)

We are pressed for time since we are trying to release the Generic Issue and Communication plan in the next day or two (timed with the release of the next Fukushima report that references the flooding issue), so we would appreciate a fast turnaround if that is possible.

Please feel free to contact me, if you have any questions or contact:

- John Kauffman (acting Branch Chief) at 251-7465
- Rich Correia (DRA Division Director) at 251-7460

Thank you!

Richard H. Perkins, P.E.
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch
Phone - 301/251-7479

Perkins, Richard

From: Perkins, Richard
Sent: Monday, July 25, 2011 1:38 PM
To: Bensl, Michelle
Subject: RE: Draft Communication Plan for Generic Issue Related to Flooding from Upstream Dam Failure [Comments Requested]

Thanks Shelby. Hope your first day was fun.

From: Bensl, Michelle
Sent: Monday, July 25, 2011 12:10 PM
To: Hanna, John
Cc: Perkins, Richard
Subject: RE: Draft Communication Plan for Generic Issue Related to Flooding from Upstream Dam Failure [Comments Requested]

Hi John,

The scope of the Generic Issue is limited to flooding following dam failure. Other flood causing mechanisms may be considered coincident with dam failure if appropriate, but flooding exclusively from other causes (i.e. without dam failure) is not within the scope of the Generic Issue. Check out questions 9 and 12 in the comm. plan for more information about the scope of the Generic Issue. Question 39 provides some info about the ongoing research activities related to flooding for other mechanisms. Also, question 31 provides some information about the list of plants mentioned in the screening assessment report.

I am currently down at the TTC for training, so I have copied Richard Perkins on this email. Richard is the project manager for the screening assessment for this Generic Issue and is now handling the coordination of the Communication Plan since I will be away. I will check email while I am in training, but Richard will likely be able to reply faster than me.

Thanks,
Shelby

From: Hanna, John
Sent: Monday, July 25, 2011 9:02 AM
To: Bensl, Michelle
Subject: RE: Draft Communication Plan for Generic Issue Related to Flooding from Upstream Dam Failure [Comments Requested]

Michelle,

(b)(5)

John

John David Hanna
Senior Reactor Analyst, Region II

John.Hanna@nrc.gov

404-997-4552

From: Bensi, Michelle

Sent: Friday, July 22, 2011 1:11 PM

To: Bamford, Peter; Bartley, Jonathan; Beaulieu, David; Bellamy, Ronald; Bernhard, Rudolph; Boska, John; Broaddus, Doug; Burnell, Scott; Burritt, Arthur; Cahill, Christopher; Campbell, Stephen; Chernoff, Harold; Circle, Jeff; Clark, Jeff; Compton, Keith; Cook, William; Cotton, Karen; Dudes, Laura; Emche, Danielle; Ennis, Rick; Felsher, Harry; Ferrante, Fernando; Gaddy, Vincent; Giessner, John; Gratton, Christopher; Gray, Mel; Guthrie, Eugene; Hanna, John; Hills, David; Hilton, Nick; Hughey, John; Jackson, Donald; Kalyanam, Kaly; Khanna, Meena; Kim, James; Kozak, Laura; Krohn, Paul; Kulesa, Gloria; Lamb, John; Lingam, Siva; Loveless, David; MacDonald, George; Marciano, Jonathan; Markley, Michael; McCoy, Gerald; McGinty, Tim; Meghani, Vijay; Milano, Patrick; Mitman, Jeffrey; Morgan, Nadiyah; Mozafari, Brenda; Mrowca, Lynn; Musser, Randy; Pascarelli, Robert; Passehl, Dave; Philip, Jacob; Pohida, Marie; Raione, Richard; Replogle, George; Riley (OCA), Timothy; Rogers, Walt; Rosenberg, Stacey; Ruland, William; Runyan, Michael; Salgado, Nancy; Sancaktar, Selim; Schmidt, Wayne; See, Kenneth; Singal, Balwant; Stang, John; Thadani, Mohan; Thompson, Jon; Valos, Nicholas; Virgilio, Rosetta; Walker, Wayne; Wengert, Thomas; Wilkins, Lynnea; Wilson, George

Cc: Perkins, Richard; Kauffman, John; Correia, Richard; Coe, Doug

Subject: Draft Communication Plan for Generic Issue Related to Flooding from Upstream Dam Failure [Comments Requested]

[I apologize if you are receiving this in duplicate. I made several mistakes in the original distribution list and so I am resending this to everyone.]

All,

(b)(5)

(b)(5)

We have tried to include all appropriate Project Managers and Branch Chiefs in the distribution of this draft communication plan. If you have suggestions for additional participants in this review, please contact Richard Perkins at 301-251-7479. Due to the expedited schedule for processing this Generic Issue, we request your comments on the draft communication plan by COB Tuesday, July 26. Please send your comments to Richard Perkins (richard.perkins@nrc.gov).

Thank you,

Michelle (Shelby) Bensi, Ph.D.
Reliability and Risk Engineer
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, July 27, 2011 4:35 PM
To: Kauffman, John
Subject: FW: Biennial Request Letter

FYI

From: Wilson, George
Sent: Wednesday, July 27, 2011 4:07 PM
To: Ruland, William
Cc: Hiland, Patrick; Perkins, Richard
Subject: RE: Biennial Request Letter

(b)(5)

From: Ruland, William
Sent: Wednesday, July 27, 2011 3:02 PM
To: Wilson, George
Cc: Hiland, Patrick; Perkins, Richard
Subject: RE: Biennial Request Letter

George,

(b)(5)

Bill

From: Wilson, George
Sent: Wednesday, July 27, 2011 1:21 PM
To: Leeds, Eric; Grobe, Jack; Ruland, William; Boger, Bruce
Cc: Khanna, Meena; Hiland, Patrick
Subject: FW: Biennial Request Letter

FYI, DHS letter requesting Dam Safety Report

From: francoise.arsenault@accenture.com [<mailto:francoise.arsenault@accenture.com>]
Sent: Wednesday, July 27, 2011 11:15 AM
To: Wilson, George
Cc: Khanna, Meena
Subject: RE: Biennial Request Letter

George: I apologize, here it is, Francoise

From: Wilson, George [George.Wilson@nrc.gov]
Sent: Wednesday, July 27, 2011 10:32 AM

To: Arsenault, Francoise
Subject: RE: Biennial Request Letter

There is no attachment

From: francoise.arsenault@accenture.com [<mailto:francoise.arsenault@accenture.com>]
Sent: Wednesday, July 27, 2011 10:23 AM
To: Wilson, George; Khanna, Meena
Cc: james.demby@dhs.gov
Subject: Biennial Request Letter

George & Meena:

At the request of James, I've attached the PDF of the signed request letter to the NRC from FEMA for the FY 2010-2011 biennial report on the NDSP. The hard copy of the letter is now in the mail.

Please let me know if you have any questions. Thanks, Francoise

This message is for the designated recipient only and may contain privileged, proprietary, or otherwise private information. If you have received it in error, please notify the sender immediately and delete the original. Any other use of the email by you is prohibited.

Perkins, Richard

From: Perkins, Richard
Sent: Monday, August 08, 2011 3:01 PM
To: Kauffman, John
Subject: FW: GSI screening

From: Wilson, George
Sent: Monday, August 08, 2011 2:58 PM
To: Beasley, Benjamin; Perkins, Richard; Khanna, Meena
Cc: Hiland, Patrick; Ruland, William; Correia, Richard
Subject: GSI screening

(b)(5)

George Wilson
USNRC
EICB Branch Chief, Division of Engineering
Mail Stop O12H2
301-415-1711

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, August 11, 2011 2:14 PM
To: McGinty, Tim; Ruland, William
Cc: Correia, Richard; Kauffman, John; Wilson, George
Subject: RE: GI204

We do have a ruling from NSIR on this issue. I'll ask about what we can forward to you regarding that.
Richard
301-251-7479

From: McGinty, Tim
Sent: Thursday, August 11, 2011 1:59 PM
To: Perkins, Richard; Ruland, William
Cc: Correia, Richard; Kauffman, John; Wilson, George
Subject: RE: GI204

(b)(5)

From: Perkins, Richard
Sent: Thursday, August 11, 2011 1:52 PM
To: Ruland, William
Cc: McGinty, Tim; Correia, Richard; Kauffman, John
Subject: RE: GI204

Bill,

I'll get the package ready for you to sign. I'll be on the lookout for the NRR concurrence e-mail from Jack.

(b)(5)

I'll look forward to the comments on the communication plan.

Thanks!

Richard Perkins
301-251-7479

From: Ruland, William
Sent: Thursday, August 11, 2011 1:45 PM
To: Perkins, Richard; Correia, Richard
Cc: McGinty, Tim
Subject: GI204

I have reviewed the Comm plan again and I have a few minor comments. Once I get up with Tim McGinty, we will share our comments with you.

Jack Grobe has concurred in the GI204 memo for NRR. I still need to sign it.

I also need to look at our redaction of the screening report.

I'll keep you posted.

Bill

From: Perkins, Richard

Sent: Wednesday, August 10, 2011 2:28 PM

To: Barker, Allan; Bartley, Jonathan; Beasley, Benjamin; Beaulieu, David; Bensi, Michelle; Burnell, Scott; Coe, Doug; Compton, Keith; Correia, Richard; Emche, Danielle; Erlanger, Craig; Felsher, Harry; Ferrante, Fernando; Gaddy, Vincent; Hills, David; Hilton, Nick; Imboden, Andy; Kauffman, John; Khanna, Meena; Logaras, Harral; Maier, Bill; Marciano, Jonathan; McNamara, Nancy; Meghani, Vijay; Miller, Chris; Mitman, Jeffrey; Mrowca, Lynn; Perkins, Richard; Philip, Jacob; Pohida, Marie; Raione, Richard; Riley (OCA), Timothy; Rosenberg, Stacey; Ruland, William; Sancaktar, Selim; Schmidt, Wayne; See, Kenneth; Sheehan, Neil; Tift, Doug; Trojanowski, Robert; Virgilio, Rosetta; Wilson, George; Wilson, Peter; Woodruff, Gena; Wray, John

Subject:

GI204 Communication Team,

The GI204 Communication Plan has been distributed for inter-office concurrence (please see attached .msg file) with a due date of Friday, August 19. If you have a principal on concurrence, please take the appropriate action to coordinate the concurrence.

Concurrence for this action includes:

OPA – E. Brenner

OCA – R. Schmidt

Region I – W. Dean

Region II – V. McCree

Region III – M. Satorius

Region IV – E. Collins

NRR – E. Leeds

NRO – M. Johnson

NMSS – C. Haney

FSME – C. Carpenter

You may wish to brief or discuss the GI204 declaration timeline (attached), along with any Q&As from within the communication plan (ML112020629) that are particularly significant to your area.

As always, please contact me with any comments or questions.

Regards,

Richard H. Perkins, P.E.

Nuclear Regulatory Commission

Office of Nuclear Regulatory Research

Division of Risk Analysis

Operating Experience and Generic Issues Branch

Phone - 301/251-7479

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, August 11, 2011 4:44 PM
To: Correia, Richard
Subject: RE: GI204 NSIR involvement

Your memo to P. Holahan is ML111330188.

From: Correia, Richard
Sent: Thursday, August 11, 2011 4:11 PM
To: Perkins, Richard; Kauffman, John
Subject: RE: GI204 NSIR involvement

Come on up at 4:15.

Richard Correia, PE
Director, Division of Risk Analysis
Office of Nuclear Regulatory Research
US NRC

richard.correia@nrc.gov

From: Perkins, Richard
Sent: Thursday, August 11, 2011 4:09 PM
To: Kauffman, John; Correia, Richard
Subject: GI204 NSIR involvement

As you know, NSIR is not on concurrence for the communication plan, nor the GI recommendation letter – here's how that came to be...

(b)(5)

Richard

From: Ruland, William
Sent: Thursday, August 11, 2011 3:39 PM
To: Perkins, Richard; McGinty, Tim

Cc: Correia, Richard; Kauffman, John; Wilson, George; Grobe, Jack
Subject: RE: GI204

(b)(5)

Bill

From: Perkins, Richard
Sent: Thursday, August 11, 2011 2:14 PM
To: McGinty, Tim; Ruland, William
Cc: Correia, Richard; Kauffman, John; Wilson, George
Subject: RE: GI204

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Richard
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Richard Perkins
301-251-7479

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To: Perkins, Richard; Correia, Richard

Cc: McGinty, Tim
Subject: GI204

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Subject:

GI204 Communication Team,

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Concurrence for this action includes:

OPA – E. Brenner

OCA – R. Schmidt

Region I – W. Dean

Region II – V. McCree

Region III – M. Satorius

Region IV – E. Collins

NRR – E. Leeds

NRO – M. Johnson

NMSS – C. Haney

FSME – C. Carpenter

You may wish to brief or discuss the GI204 declaration timeline (attached), along with any Q&As from within the communication plan (ML112020629) that are particularly significant to your area.

As always, please contact me with any comments or questions.

Regards,

Richard H. Perkins, P.E.

Nuclear Regulatory Commission

Office of Nuclear Regulatory Research

Division of Risk Analysis

Operating Experience and Generic Issues Branch

Phone - 301/251-7479

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, August 11, 2011 4:49 PM
To: Correia, Richard
Subject: FW: Review of handling of information re: flooding of nuclear power plants following upstream dam failures

From: Stapleton, Bernard
Sent: Thursday, June 30, 2011 4:16 PM
To: Perkins, Richard; Beasley, Benjamin
Cc: Norman, Robert
Subject: Review of handling of information re: flooding of nuclear power plants following upstream dam failures

Hi Rich,

(b)(5)



Bernard (Bern) Stapleton
Chief, Information Security Branch
U.S. Nuclear Regulatory Commission
(301) 415-2214 O
(301) 415-2190 F

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, July 12, 2011 11:59 AM
To: Correia, Richard
Cc: Kauffman, John
Subject: FW: Additional detail on ISFSIs and dam failure

FYI

Just to keep you aware of the latest discussion thread... Things are moving, I hope. I can't guarantee we'll get an answer today, but here's how it going so far.

Richard P.

From: Perkins, Richard
Sent: Tuesday, July 12, 2011 11:44 AM
To: Tripathi, Bhasker; Campbell, Larry
Cc: Pstrak, David; Vera, John; Weaver, Doug; Kauffman, John
Subject: RE: Additional detail on ISFSIs and dam failure

** This text is not an answer to the question, but rather a way to frame the question and provide a suggested strategy for answering it ** So this would need to be validated by someone who actually knows the NMSS technical issues **

That being said, we're now looking for a few paragraphs or a one-pager that is more than just the statement of the regulation – to provide a more substantive answer for inquiries.

Based on my discussions with everyone, I believe the clearest explanation would be to state that if higher than design basis flooding were to reach (or cover) the ISFSIs for a duration of time consistent with a dam break (hours or days) or if the flood were to cause silt or debris blockage for a longer period of time, can you still say:

- While the configuration may reach conditions (heat to a point) where transportation of the casks would not be permitted until inspection or repackaging occurs, there is no risk of radiation release from the flooding or vent blocking.
- And so, the issue of ISFSI flooding has no implications for public health and safety because the radiation will be contained
- The issue is a significant cost issue and could significantly delay transportation of casks, but the issue is manageable from a safety perspective

This assumes that proper investigations, inspections would occur following the dam break and severe flood and all necessary post-flood actions would be taken (much they way similar issues are being addressed at Fukushima). This also assume the casks are not expected to turn over or float away during a flood.

I believe you wish to include statements that NMSS wishes to continue close coordination on the issue so these assumptions can continue to be validated if new or dramatically different information were presented – for example.

I believe something along these lines would satisfy our immediate needs for the communication plan.

If you have any numeric information that you feel you could include, such as temperature limits or rate of rise, appropriate for a communication plan, that would be great.

Thanks for your help on this. Please give me a call if a conversation would help.

Richard Perkins

From: Tripathi, Bhasker
Sent: Tuesday, July 12, 2011 10:44 AM
To: Campbell, Larry; Perkins, Richard
Cc: Pstrak, David; Vera, John; Weaver, Doug
Subject: RE: Additional detail on ISFSIs and dam failure

7-12-2011 [1043]

Larry: I am extremely busy today. Btw. David Pstrak is on a family sick leave until next Monday. I already spoke to Richard – at length – this morning while Jonathan Marciano was in my office. Per our talks Richard was supposed to phrase a question and answer form for the Communications Plan to be presented to Brian. We at SFST have already discussed the potential/non-potential of radioactive releases from an ISFSI facility in our last written as well as verbal communications with Richard. As I said, I will be very busy today, but meanwhile based on my conversation with Richard this morning, if RES can come up with a draft format of Q and A then I will be glad to review and provide comments on it by COB tomorrow. Thanks.

Bhasker (Bob) P. Tripathi, P.E., F. ASCE

Senior Structural Engineer

Division of Spent Fuel Storage and Transportation

Office of Nuclear Materials Safety and Safeguards

U. S. Nuclear Regulatory Commission

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Fax: +1 301-492-3350

From: Campbell, Larry
Sent: Tuesday, July 12, 2011 10:33 AM
To: Perkins, Richard
Cc: Kauffman, John; Correia, Richard; Coe, Doug; Tripathi, Bhasker; Marciano, Jonathan; Pstrak, David; Bailey, Marissa; Weaver, Doug
Subject: RE: Additional detail on ISFSIs and dam failure

Dave Pstrak,

I am acting for Marissa this week - If Bob Tripathi's work schedule permits, I would appreciate it if he could take a look at the below request from RES (Richard Perkins) and provide SFST input as requested. If necessary, Bob can work with Jonathan Marciano on the request from RES. Richard called me this morning, and would like to have a paragraph that discusses the potential or no potential for a release from an ISFSI/spent fuel storage design during a dam failure and the reasons why, etc. He needs this information today.

Dave and Bob, please give Richard Perkins a call if you have any questions. Please feel free to give me a call on my blackberry if you have questions (b) (6)

Richard,

I would appreciate it if you could place Jonathan Marcano on distribution for your emails on dam failures. Jonathan has been assigned as the NMSS PM for the dam failure issue. Jonathan will be coordinating related activities within NMSS and of course, staff such as Bob Tripathi will be providing technical input.

Thank you, Larry

From: Perkins, Richard
Sent: Tuesday, July 12, 2011 9:49 AM
To: Bailey, Marissa
Cc: Tripathi, Bhasker; Kauffman, John; Correia, Richard; Coe, Doug
Subject: Additional detail on ISFSIs and dam failure

Good Morning Marissa,

I just spoke with Bob Tripathi this morning, who was helpful in giving me some pointers on NMSS ISFSIs and potential flooding events w.r.t. upstream dam failure. As you know, we're working on the communication plan for the soon to be released Generic Issue on flooding following upstream dam failures. Currently, ISFSIs are not included in the scope but NMSS has asked to be closely involved in the coordination of the issue.

RES management has asked if we could receive additional detail from NMSS supporting the case that ISFSIs do not need to be within the scope of the Generic Issue. That text would be helpful to us as we prepare the communication plan. The communication plan has a large section of questions and answers; we expect that we will be asked about scope and we would like to have an appropriate answer in the communication plan. Could you staff support this request?

We are pressed for time since we are trying to release the Generic Issue and Communication plan in the next day or two (timed with the release of the next Fukushima report that references the flooding issue), so we would appreciate a fast turnaround if that is possible.

Please feel free to contact me, if you have any questions or contact:

- John Kauffman (acting Branch Chief) at 251-7465
- Rich Correia (DRA Division Director) at 251-7460

Thank you!

Richard H. Perkins, P.E.
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch
Phone - 301/251-7479

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, July 21, 2011 3:43 PM
To: Bens, Michelle
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

The yellow text seems to conflict with the second paragraph. How about this?

Does this Generic Issue affect license renewal?

No. Safety under natural hazards is part of NRC's ongoing licensing activities. If an immediate safety concern emerges, NRC will address the issue, regardless of relicensing status.

Relicensing typically does not evaluate siting issues. The NRC's regulations for license renewal (10 CFR Part 54) require licensees to manage age-related degradation to ensure that systems, structures, and components (SSCs) will fulfill their safety-related functions, as specified in the current licensing basis, for the period of extended operation. However ~~Moreover, Recommendation #2 of the Near Term Task Force Report states:~~

~~The Task Force recommends that the NRC require licensees to reevaluate and upgrade as necessary the design-basis seismic and flooding protection of SSCs for each operating reactor.~~

~~The NRC is currently working to determine how to best address and incorporate the recommendations of the Task Force into the agency's regulatory framework.~~

From: Bens, Michelle
Sent: Thursday, July 21, 2011 3:09 PM
To: Perkins, Richard
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Richard,

Do you think the answer I have drafted (the portion in yellow) addresses Tim's concern (I will include the same text in the answer to question #16 as well)?

15. Does this Generic Issue affect license renewal?

No. Safety under natural hazards is part of NRC's ongoing licensing activities. If an immediate safety concern emerges, NRC will address the issue, regardless of relicensing status.

Relicensing does not evaluate siting issues. The NRC's regulations for license renewal (10 CFR Part 54) require licensees to manage age-related degradation to ensure that systems, structures, and components (SSCs) will fulfill their safety-related functions, as specified in the current licensing basis, for the period of extended operation.

~~Moreover, Recommendation #2 of the Near Term Task Force Report states:~~

The Task Force recommends that the NRC require licensees to reevaluate and upgrade as necessary the design-basis seismic and flooding protection of SSCs for each operating reactor.

The NRC is currently working to determine how to best address and incorporate the recommendations of the Task Force into the agency's regulatory framework.

Thanks,
Shelby

From: Riley (OCA), Timothy
Sent: Tuesday, July 19, 2011 9:04 AM
To: Bensi, Michelle
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Shelby,
I have read the Comm Plan and only have a minor suggestion.
Q15 & 16 in the FAQ discuss this issue's potential relevance to licensing; it may be worthwhile to explicitly tie in the recommendations of the Fukushima Task Force's 90-day report. For example, the 90-day report includes recommendations that plants "reevaluate and upgrade as necessary the design-basis seismic and flooding protection of structures, systems, and components for each operating reactor." This may help us to address the likely criticisms about continuing with relicensing and new licensing by demonstrating that the agency is conscientious of the lessons-learned from Fukushima and that we are contemplating how to appropriately incorporate them.

Thank you,

Timothy Riley
Congressional Affairs Officer
U. S. Nuclear Regulatory Commission
Office of Congressional Affairs
Phone: 301-415-8492
Blackberry: (b) (6)

From: Bensi, Michelle
Sent: Monday, July 18, 2011 5:33 PM
To: Mitman, Jeffrey; Khanna, Meena; Wilson, George; Ruland, William; See, Kenneth; Raione, Richard; Pohida, Marie; Mrowca, Lynn; Felsher, Harry; Marciano, Jonathan; Schmidt, Wayne; Bartley, Jonathan; Hills, David; Meghani, Vijay; Gaddy, Vincent; Wray, John; Hilton, Nick; Riley (OCA), Timothy
Cc: Kauffman, John; Perkins, Richard; Coe, Doug; Correia, Richard; Ferrante, Fernando; Sancaktar, Selim; Philip, Jacob; Compton, Keith
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Comm Team,

This is just a quick reminder that we will be proceeding this week with revision of the communication plan based on comments received from other offices. As you know, we are expediting the processing of this Generic Issue in support of recent events in the US and Japan. If you have comments on the comm plan, we are requesting feedback by tomorrow (Tuesday, July 19). If you have comments but will not be able to provide them by tomorrow, please drop us a quick note to let us know that we can expect your feedback.

If you have any questions, please feel free to email or give me a call (301-251-7570).

Finally, due to travel for training, I will be handing off coordination of the communication plan to Richard Perkins beginning Monday July 25. If you have questions after that date, Richard can be reached at 301-251-7479.

Thanks again,
Shelby

From: Bensi, Michelle

Sent: Tuesday, July 12, 2011 2:16 PM

To: Mitman, Jeffrey; Khanna, Meena; Wilson, George; Ruland, William; See, Kenneth; Raione, Richard; Pohida, Marie; Mrowca, Lynn; Compton, Keith; Felsner, Harry; Marcano, Jonathan; Schmidt, Wayne; Bartley, Jonathan; Hills, David; Meghani, Vijay; Gaddy, Vincent

Cc: Kauffman, John; Perkins, Richard; Coe, Doug; Correia, Richard; Ferrante, Fernando; Rodriguez, Veronica; Sancaktar, Selim; Philip, Jacob

Subject: Communication plan for forthcoming Generic Issue related to dam failures

All,

As many of you are aware, RES and the other program offices are processing a proposed Generic Issue pertaining to the flooding of nuclear power plant sites following upstream dam failure. We are expediting the processing of the Generic Issue largely due to:

- the recent events in Japan at the Fukushima Daiichi plant
- certain plants in the US that have experienced flooding
- the planned issuance on or about July 12 of the Task Force report (the Task Force chartered to review NRC processes and regulations following the events in Japan).

The memo officially designating this issue as a formal Generic Issue is expected to be issued this week. The memo will include an enclosure providing a synopsis of the screening assessment of the issue. The complete screening assessment report is currently being finalized and is expected to be issued soon. In preparation for issuance of the screening assessment report, we have developed the attached communication plan to assure all affected NRC staff are prepared for the public release of the report.

The primary goal of this communication plan is to assist communications related to the forthcoming Generic Issue. However, the plan also provides information about two forthcoming NRR Information Notices (INs) related to dam failure frequencies (ML090510269) and design basis external flooding evaluation. Consequently, this communication plan will aid communications related to both the Generic Issue and the INs. We anticipate interest from the public, media, industry, and other stakeholders. A public meeting will be scheduled sometime later this summer.

The following plants are included, by name, in the Generic Issue screening assessment report:

Arkansas Nuclear One	Beaver Valley	Browns Ferry	Columbia
Cooper	Fort Calhoun	H.B. Robinson	Hope Creek
Indian Point	McGuire	Oconee	Peach Bottom
Prairie Island	Sequoyah	South Texas	Surry
Three-Mile Island	Vermont Yankee	Waterford	Watts Bar

The communication plan includes a list of staff members recommended to be part of the communication team of this Generic Issue and/or the Information Notices. Most of you are listed as members of the communication team (see pg. 4-5 of the communication plan). Please let me know if you do not wish to be included in the communication team or if you have any questions.

Finally, we request your feedback on the content of the communication plan. However, please note that the processing of the Generic Issue has been expedited, so we are limited on the number of iterations we can do in developing the communication plan. We request your feedback by Tuesday, July 19 (though we certainly welcome feedback before that date). Feel free to add comments/changes directly in the Word file (with changes tracked) or give me a hard copy with pen/paper changes. I will coalesce the comments into one document and then send a revised version of the communication plan to a broader distribution list as soon as possible.

Please feel free to email or call me (301-251-7570) if you have any questions.

Thank you,

Michelle (Shelby) Bensi, Ph.D.

Reliability and Risk Engineer
Nuclear Regulatory Commission
Office of Nuclear Regulatory Research
Division of Risk Analysis
Operating Experience and Generic Issues Branch

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, July 28, 2011 11:33 AM
To: Nicholson, Thomas
Subject: RE: Revised Tentative Agenda for TAG Meeting on Flood Assessment and Protection, July 28th @2:00 p.m. EDST in T-10A1

Shelby Bensi will not be able to attend. She is in training in Chattanooga. I'll be there to provide a status of the pending GI-204.

From: Nicholson, Thomas
Sent: Thursday, July 28, 2011 11:31 AM
To: Loveless, David; Ferrante, Fernando; Raione, Richard; See, Kenneth; Caverly, Jill; Haque, Mohammad; Bensi, Michelle; Bernhard, Rudolph; Cook, Christopher; Perkins, Richard; Kanney, Joseph; Philip, Jacob; Randall, John; Wilson, George; Chaput, Peter; Jones, Henry; Mitman, Jeffrey; Bernhard, Rudolph
Cc: Runyan, Michael; Replogle, George; Correia, Richard; Coyne, Kevin
Subject: Revised Tentative Agenda for TAG Meeting on Flood Assessment and Protection, July 28th @2:00 p.m. EDST in T-10A1

TAG Members:

I have added Dave Loveless, Senior Reactor Analyst, Region IV to the agenda (please see attached). He will present his viewgraphs on "Controlling the Missouri" which discusses the recent flooding issues at the Fort Calhoun Nuclear Power Plant. Dave sent his viewgraphs to you last evening as an attachment.

Please call in at 2:00 p.m. EDST today on 1-888-989-4505 with passcode (b)(6)

Thanks Tom

From: Loveless, David
Sent: Wednesday, July 27, 2011 8:26 PM
To: Ferrante, Fernando; Nicholson, Thomas; Raione, Richard; See, Kenneth; Caverly, Jill; Haque, Mohammad; Bensi, Michelle; Bernhard, Rudolph; Cook, Christopher; Perkins, Richard; Kanney, Joseph; Philip, Jacob; Randall, John; Wilson, George; Chaput, Peter; Jones, Henry; Mitman, Jeffrey; Bernhard, Rudolph
Cc: Runyan, Michael; Replogle, George
Subject: Power Point Presentation Regarding the Fort Calhoun Station Flood

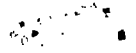
Fernando,

I'm attaching a presentation on the flood for tomorrow's session. Don't be afraid of the 18 slides, we can use them or not, I can sail right through most of them. I planned on the attendee's reading the slides for background before or after the meeting. I covered the following topics:

- 1) Configuration of the Upper Missouri River
- 2) The snow, rainfall, and storage control that led to the flooding
- 3) The effects of the water on the Fort Calhoun site
- 4) The licensee's preparations
- 5) My risk assessment and the insights we gained from it

Please call me tomorrow at (817) 933-2576, before 9am eastern to discuss which of these topics will best meet the expectations for the meeting.

David P. Loveless



Senior Reactor Analyst
U.S. NRC, Region IV

(817) 860-8161