Group K

FOIA/PA NO: 2012-0325

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: OUTSIDE SCOPE

Circle, Jeff

From: Richard Raione
Sent: Tuesday, January 06, 2009 1:33 PM
To: Jeff Circle
Cc: Melanie Galloway
Subject: RE: Oconee vs. Jocassee Licensing Basis

Hi Jeff, Ken (b)(6). Hoping he will be back on Wednesday - I will have this review item as his top priority when he returns (it is also possible he may be able to review this while he is recovering).

From: Jeff Circle
Sent: Tuesday, January 06, 2009 10:50 AM
To: Melanie Galloway; Robert Schaaf; James Vail
Cc: Goutam Bagchi; John Stang; Kamal Manoly; Kenneth See; Raman Pichumani; Richard Raione
Subject: RE: Oconee vs. Jocassee Licensing Basis

Here is the latest version with most of the suggested changes. I left out including the suggested table since it doesn't convey much and we already explained the 575-ft width in the text.

Ken, I hope (b)(6) Please look this over and make sure that I'm not saying anything too far out of line. Since I wasn't at the December 1st FERC meeting, I'd appreciate it if you can fill in the rationale of why FERC chose the 575-ft and 4-hour parameters.

K/1

Comments on JCO

Bob Carroll March 10, 2009

(b)(5)

Antonios,

(b)(5)

Andy Hutto, Oconee SRI

K/2

Correia, Richard

From: Erlanger, Craig
Sent: Thursday, August 20, 2009 6:04 PM
To: Biddison, John; Correia, Richard
Cc: Cubellis, Louis
Subject: Re: oldie but goodie (~~OUO-SRI~~)

John, Great job.

Rich: as requested.

R/ Craig

Sent from an NRC blackberry
(b)(6)
Craig Erlanger

From: Biddison, John
To: Erlanger, Craig
Cc: Cubellis, Louis
Sent: Thu Aug 20 16:38:08 2009
Subject: RE: oldie but goodie (~~OUO-SRI~~)

Craig,

NRR Update
I met with Mike Franovich and Jeff Mitman for about an hour on Monday to get an update on the situation with Jocassee and Oconee. Mike is leaving permanently for the EDO, and either Jeff or George Wilson at NRR will be our POC for this. Here is what I learned:

1. NRR's Division of Engingeering has taken the lead for this, headed by David Skeen. NRR has created 1 Oversight Group (OG) and 1 working group (WG) to look into this issue.
2. In May, NRR sent a letter to Duke Power stating that the information that they had provided to NRC was insufficient to guarantee the safety of the local population. This letter also stated that Duke needs to have a corrective action plan finalized by November.
3. ~~(OUO-SRI)~~
4. (b)(5)
5.
6.

K/3

7.

8.

(b)(5)

9.

From a security perspective, I believe that some of the decisions from #3 above will produce the most relevant for what Roy is interested in.

Next Steps:
1) There will be a meeting on August 27 with Duke, and some significant progress on many of the outstanding issues is anticipated in the next 60 days.
2) Duke is also beginning to challenge what "adequate protection" means, and that NRR needs to provide a greater justification for their position than has been previously provided in their letters to Duke.

Aircraft assessment
In terms of the aircraft assessment interaction with DHS, we are still waiting on DHS to provide us with the list of dates that their expert panel is meeting so the RES can participate. The last time I heard back from the Dams SSA was on June 9 and they told me they would let us know when they need our participation.

Let me know how you'd like to proceed. Rich stopped by briefly this afternoon, and I gave him a very high-level overview of the update. Additionally, Mike indicated that NRR anticipates that we will be the go-between for conveying of information to DHS on this topic.

Regards,

John Biddison
Security Specialist
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
11545 Rockville Pike
Rockville, MD 20852
Phone: (301) 415-6795
Fax: (301) 415-6661

From: Erlanger, Craig
Sent: Wednesday, August 12, 2009 9:46 AM
To: Biddison, John
Subject: FW: oldie but goodie

From: Correia, Richard
Sent: Wednesday, August 12, 2009 9:45 AM
To: Erlanger, Craig
Subject: FW: oldie but goodie

FYI

From: Zimmerman, Roy
Sent: Wednesday, August 12, 2009 7:58 AM

To: Correia, Richard
Subject: RE: oldie but goodie

no rush.....don't want to take away from priority work.....just don't want to loose issue, thx

---

From: Correia, Richard
Sent: Wednesday, August 12, 2009 7:56 AM
To: Zimmerman, Roy; Holahan, Patricia
Cc: Dean, Bill; Diec, David
Subject: RE: oldie but goodie

(b)(5)
But, we're reaching out to NRR to get the facts.

Rich

From: Zimmerman, Roy
Sent: Wednesday, August 12, 2009 7:52 AM
To: Holahan, Patricia; Correia, Richard
Cc: Dean, Bill; Diec, David
Subject: oldie but goodie

no rush.....but would like to status Jocasse Dam study being done by Duke for Oconee.....had a safety lead (NRR), but we were interested in security aspects. Licensee was doing a study to determine consequences and planned modifications. We briefed DHS to make them aware. again, no rush, but want to make sure we are satisfied with status for our equities. .....Craig Erlanger and Lou Cubellis were involved at the time. thx

MEMORANDUM TO: Mark A. Cunningham, Director
Division of Risk Assessment
Office of Nuclear Reactor Regulation

Patrick L. Hiland, Director
Division of Engineering
Office of Nuclear Reactor Regulation

FROM: Scott C. Flanders, Director
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRANSMITTAL OF NRO STAFF TECHNICAL EVALUATION OF DUKE POWER COMPANY'S ASSESSMENT OF POSTULATED JOCASSEE DAM FAILURE IMPACTS ON OCONEE NUCLEAR STATION

(b)(5)

K/4

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

MEMORANDUM TO: Mark A. Cunningham, Director
Division of Risk Assessment
Office of Nuclear Reactor Regulation

Patrick L. Hiland, Director
Division of Engineering
Office of Nuclear Reactor Regulation

FROM: Scott C. Flanders, Director
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRANSMITTAL OF NRO STAFF TECHNICAL EVALUATION OF DUKE POWER COMPANY'S ASSESSMENT OF POSTULATED JOCASSEE DAM FAILURE IMPACTS ON OCONEE NUCLEAR STATION

(b)(5)

ADAMS Accession Number: ML090570570

OFFICE	NRO/DSER/RHEB	NRO/DSER/RHEB	NRO/DSER	NRO/DSER
NAME	KSee	RRaione	NChokshi	SFlanders
DATE	02/ /2009	02/ /2009	02/ /2009	02/ /2009

OFFICIAL RECORD COPY

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

~~SECURITY RELATED~~

Technical Basis for Breach Analysis of Jocassee Dam

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

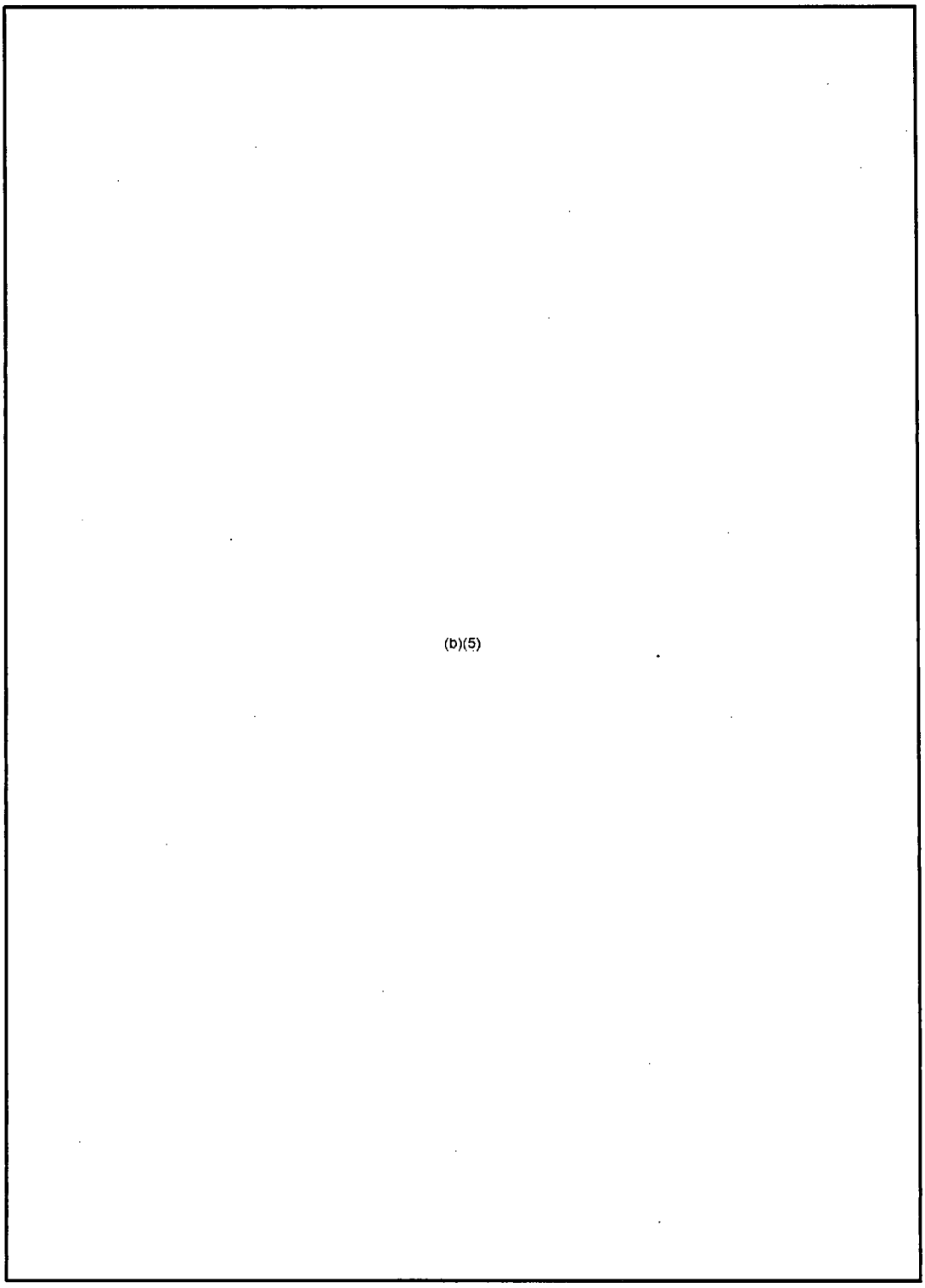
~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~



~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~SECURITY RELATED~~

(b)(5)

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

3/31/09

MEMORANDUM TO: Mark A. Cunningham, Director
Division of Risk Assessment
Office of Nuclear Reactor Regulation

FROM: Scott C. Flanders, Director
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRANSMITTAL OF NRO STAFF TECHNICAL EVALUATION OF DUKE POWER COMPANY'S ASSESSMENT OF POSTULATED JOCASSEE DAM FAILURE IMPACTS ON OCONEE NUCLEAR STATION

(b)(5)

~~OFFICIAL USE ONLY - SECURITY RELATED INFORMATION~~

K15

(b)(5)

CONTACT: Kenneth R. See, NRO\DSER

301-415-1508

(b)(5)

Enclosure:
As stated.

CC: M. Johnson, NRO
G. Holahan, NRO
P. Hiland, NRR

(b)(5)

Enclosure:
As stated.

CC: M. Johnson, NRO
G. Holahan, NRO
P. Hiland, NRR

DISTRIBUTION:

MGalloway	DSkeen	GBagchi
MKhanna	RPichumani	KManoly
RidsNroDser	JMitman	

ADAMS Accession Number: ML090570570

OFFICE	NRO/DSER/RHEB	Tech ED:ADM	NRO/DSER/RHEB	NRO/DSER	NRO/DSER
NAME	KSee		RRaione	NChokshi	SFlanders
DATE	03/31/2009	04/ /2009	03/31/2009	04/ /2009	04/ /2009

OFFICIAL RECORD COPY

Technical Review of Duke Power Company's Analysis of External Flooding
of the Oconee Nuclear Station from Failure of the Jocassee Dam for NRR

(b)(5)

Attachment

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

Attachment

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

(b)(5)

Correia, Richard

From: Dean, Bill
Sent: Monday, October 26, 2009 9:04 PM
To: Biddison, John
Cc: Morris, Scott; Shropshire, Alan; Erlanger, Craig; Correia, Richard
Subject: Re: Daily Notes for 10/23 and Daily Notes (one week look ahead) for 10/26 ~~(OUO-SRI)~~

Ok-thanks. This is on Mallett's high pri list for week, btw.
Bill Dean
Deputy Director, NSIR
US NRC

From: Biddison, John
To: Dean, Bill
Cc: Morris, Scott; Shropshire, Alan; Erlanger, Craig; Correia, Richard
Sent: Mon Oct 26 14:59:07 2009
Subject: RE: Daily Notes for 10/23 and Daily Notes (one week look ahead) for 10/26 ~~(OUO-SRI)~~

Bill,

~~(OUO-SRI)~~ NRR just provided me with a status update regarding Oconee.

(b)(5)

John Biddison
Acting Technical Assistant
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission

john.biddison@nrc.gov
(301) 415-6795

From: Biddison, John
Sent: Friday, October 23, 2009 11:51 AM
To: Dean, Bill

K/6

Cc: Morris, Scott; Shropshire, Alan; Erlanger, Craig
Subject: FW: Daily Notes for 10/23 and Daily Notes (one week look ahead) for 10/26

Bill-

Yes, I believe this is related to NRR's review of the Jocassee Dam issue. Duke and the NRR Oversight Group are continuing to work out their corrective action plan, and I believe that this meeting is to continue working on conclusions- which should be coming soon. When I last spoke with NRR, there were still some techincal issues being resolved [(b)(5)]. I've asked NRR for an update, I'll let you know what I find out.

Thanks,

John Biddison
Acting Technical Assistant
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission

john.biddison@nrc.gov
(301) 415-6795

From: Dean, Bill
To: Correia, Richard; Morris, Scott
Cc: Shropshire, Alan
Sent: Thu Oct 22 22:42:20 2009
Subject: Fw: Daily Notes for 10/23 and Daily Notes (one week look ahead) for 10/26

Is the NRR oconee issue related to our dam issue from months ago?
Bill Dean
Deputy Director, NSIR
US NRC

From: EDO GroupAccount
To: Anderson, Patricia; Ash, Darren; Azeem, Almas; Baggett, Steven; Barkley, Richard; Batkin, Joshua; Bellosi, Susan; Bennette, Annie; Borchardt, Bill; Boyce, Thomas (OIS); Boyd, Lena; Brenner, Eliot; Broaddus, Doug; Burns, Stephen; Caldwell, James; Caputo, Guy; Carpenter, Cynthia; Clarke, Deanna; Coe, Doug; Cohen, Miriam; Collins, Elmo; Collins, Sam; Dean, Bill; Deegan, George; Dickman, Paul; Doane, Margaret; Dubose, Sheila; Dyer, Jim; EDO_Staff_Assistants; Flory, Shirley; Fopma, Melody; EDO GroupAccount; Haney, Catherine; Harves, Carolyn; Henderson, Karen; Herr, Linda; Hipschman, Thomas; Howard, Patrick; Howe, Allen; Ibarra, Victoria; JAC TEMP; Jaczko, Gregory; Johnson, Michael; Johnson, Sandra; Jones, Sam; Kasputys, Clare; Kelley, Corenthis; Kilcrease, Judy; Koltay, Peter; Kozak, Thomas; Langlie, Liz; Lee, Pamela; Leeds, Eric; Lopez, Lucia; Lyons, James; Mallett, Bruce; Marshall, Michael; Matakas, Gina; McDermott, James; Miles, Patricia; Miller, Charles; Moore, Scott; Nguyen, Quynh; OCA Distribution; ODaniell, Cynthia; OPA Resource; Owen, Lucy; Lee, Pamela; Pangburn, George; Phillips, Monte; Piccone, Josephine; Plisco, Loren; Pulley, Deborah; Rathbun, Patricia; Reddick, Darani; Reyes, Luis; RidsSbcrMailCenter Resource; Satorius, Mark; Schwartz, Maria; Sheron, Brian; Skeen, David; Solorio, Ilka; Svinicki, Kristine; Tate, Travis; Vietti-Cook, Annette; Vincent, Janet; Virgilio, Martin; Weaver, Kathy; Weber, Michael; Wiggins, Jim; Williams, Donna; Wyatt, Melissa; Zimmerman, Roy; Armstrong, Janine; Beall, James; Bradford, Anna; Clark, Lisa; Coggins, Angela; Corbett, James; Cordes, John; Culp, Lisa; Diec, David; Evans, Glenda; Felsher, Harry; Frazier, Alan; Fry, Jeannie; Gray, Joseph; Greene, Kathryn; Hasan, Nasreen; HOO Hoc; Itzkowitz, Marvin; Jones, Bradley; Khanna, Meena; Lantz, Ryan; Lara, Julio; Lepre, Janet; Loyd, Susan; Marco, Catherine; Monninger, John; Poole, Brooke; Quayle, Lisa; Rasmussen, Richard; RidsSecyMailCenter Resource; Rothschild, Trip; Schwarz, Sherry; Sharkey, Jeffry; Thoma, John; Warren, Roberta; Weisman, Robert; Wertz, Trent; Williamson, Edward; Wright, Darlene; Zobler, Marian
Sent: Thu Oct 22 13:56:04 2009
Subject: Daily Notes for 10/23 and Daily Notes (one week look ahead) for 10/26

Please see attached Daily Notes and Daily Notes, One Week Look Ahead, for 10/23 and 10/26 respectively..Thanks binoy

Ferrante, Fernando

From: Mitman, Jeffrey
Sent: Wednesday, December 02, 2009 1:25 PM
To: James, Lois; Galloway, Melanie; Ferrante, Fernando
Cc: See, Kenneth
Subject: FW: Oconee External Flood Analyses and Associated Corrective Action Plan
Attachments: 1596_001.pdf Attachment is ML093380701

Here is the Duke Corrective Action Plan for ONS and the flooding issue.

Jeff

From: Khanna, Meena
Sent: Wednesday, December 02, 2009 10:26 AM
To: Mitman, Jeffrey
Subject: FW: Oconee External Flood Analyses and Associated Corrective Action Plan

From: Khanna, Meena
Sent: Tuesday, December 01, 2009 5:52 PM
To: Wilson, George
Subject: FW: Oconee External Flood Analyses and Associated Corrective Action Plan

George, if appropriate, could you pls send this to Dan Mahoney and other FERC folks as appropriate? thanks!

meena

From: Khanna, Meena
Sent: Tuesday, December 01, 2009 1:31 PM
To: Raione, Richard; James, Lois
Cc: Wilson, George
Subject: Oconee External Flood Analyses and Associated Corrective Action Plan

Attached is the corrective action plan that Duke submitted to us yesterday, in response to the 50.54(f) letter.

From: Gambrell, Reene' V [mailto:Reene'.Gambrell@duke-energy.com]
Sent: Monday, November 30, 2009 5:32 PM
To: Stang, John (b)(6); Khanna, Meena
Cc: Alter, Kent R
Subject: Oconee External Flood Analyses and Associated Corrective Action Plan

John,

Attached is the response for the Oconee External Flood Analyses and associated corrective actions.

Thanks,

Reene' Gambrell
Senior Licensing Engineer
ONS Regulatory Compliance

K/7

864-873-3364/Reene'.Gambrell@duke-energy.com

Mitman, Jeffrey

From: Mitman, Jeffrey
Sent: Monday, January 25, 2010 3:36 PM
To: Ferrante, Fernando
Subject: Emailing: NRO Memo on Breach Parameter - DRAFT.pdf
Attachments: NRO Memo on Breach Parameter - DRAFT.pdf

It appears that I had this document only in hard copy. I've converted it to pdf, a copy is attached.

K/8

MEMORANDUM TO: ~~Mark A. Cunningham~~Patrick L. Hiland, Director
Division of ~~Risk Assessment~~Engineering
Office of Nuclear Reactor Regulation

FROM: Scott C. Flanders, Director
Division of Site and Environmental Reviews
Office of New Reactors

SUBJECT: TRANSMITTAL OF NRO STAFF TECHNICAL EVALUATION OF DUKE POWER COMPANY'S ASSESSMENT OF POSTULATED JOCASSEE DAM FAILURE IMPACTS ON OCONEE NUCLEAR STATION

(b)(5)

(b)(5)

Enclosure:
As stated.

CC: M. Johnson, NRO
G. Holahan, NRO
P. Hiland, NRR

(b)(5)

CC: M. Johnson, NRO
G. Holahan, NRO
P. Hiland, NRR

DISTRIBUTION:

MGalloway	DSkeen	GBagchi
MKhanna	RPichumani	KManoly
RidsNroDser	JMitman	

ADAMS Accession Number: ML090570570

OFFICE	NRO/DSER/RHEB	Tech ED:ADM	NRO/DSER/RHEB	NRO/DSER	NRO/DSER
NAME	KSee		RRaione	NChokshi	SFlanders
DATE	03/31/2009	04/ /2009	03/31/2009	04/ /2009	04/ /2009

OFFICIAL RECORD COPY

Technical Review of Duke Power Company's Analysis of External Flooding of the Oconee Nuclear Station from Failure of the Jocassee Dam for NRR

(b)(5)

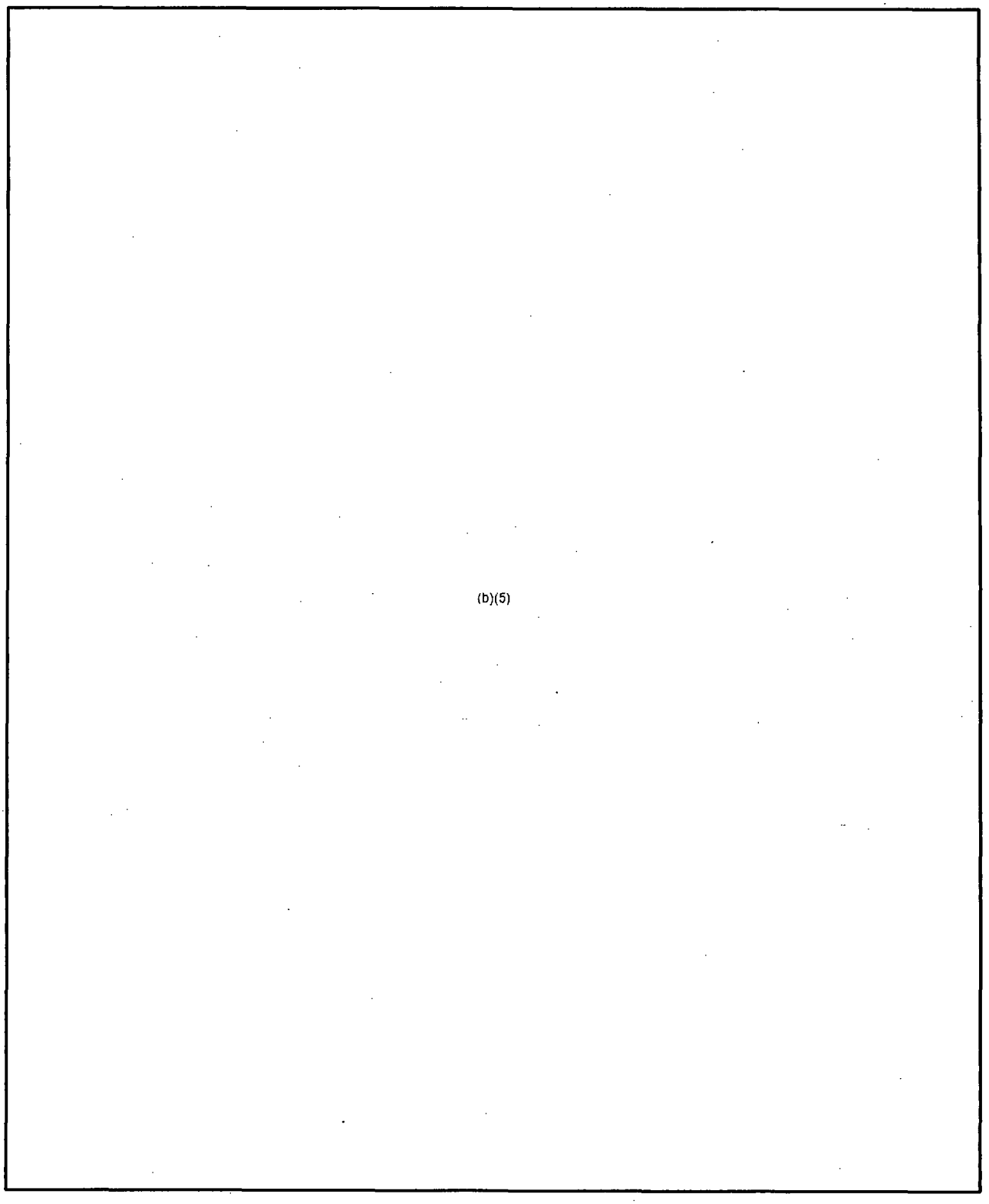
(b)(5)

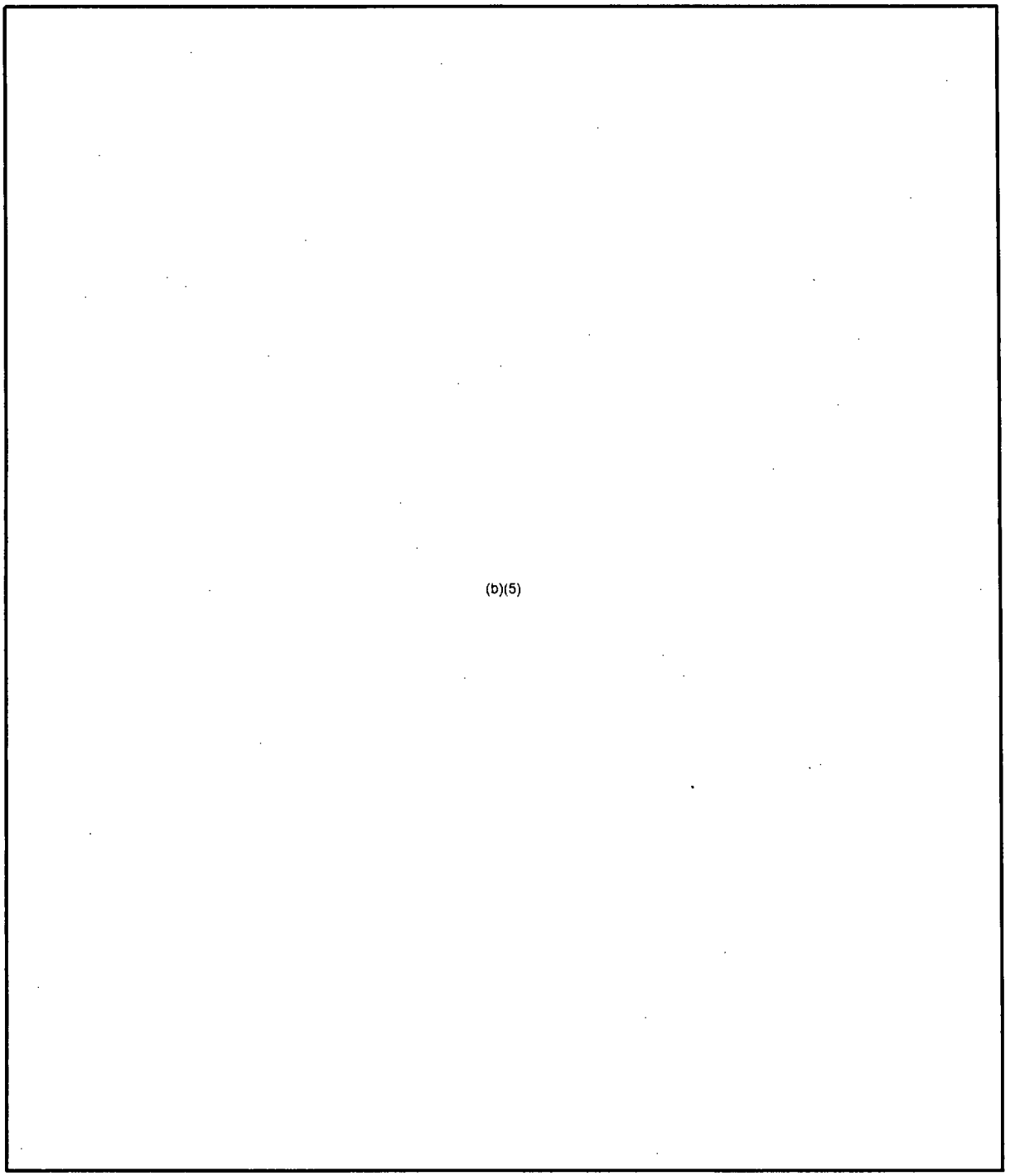
(b)(5)

(b)(5)

(b)(5)

(b)(5)


(b)(5)

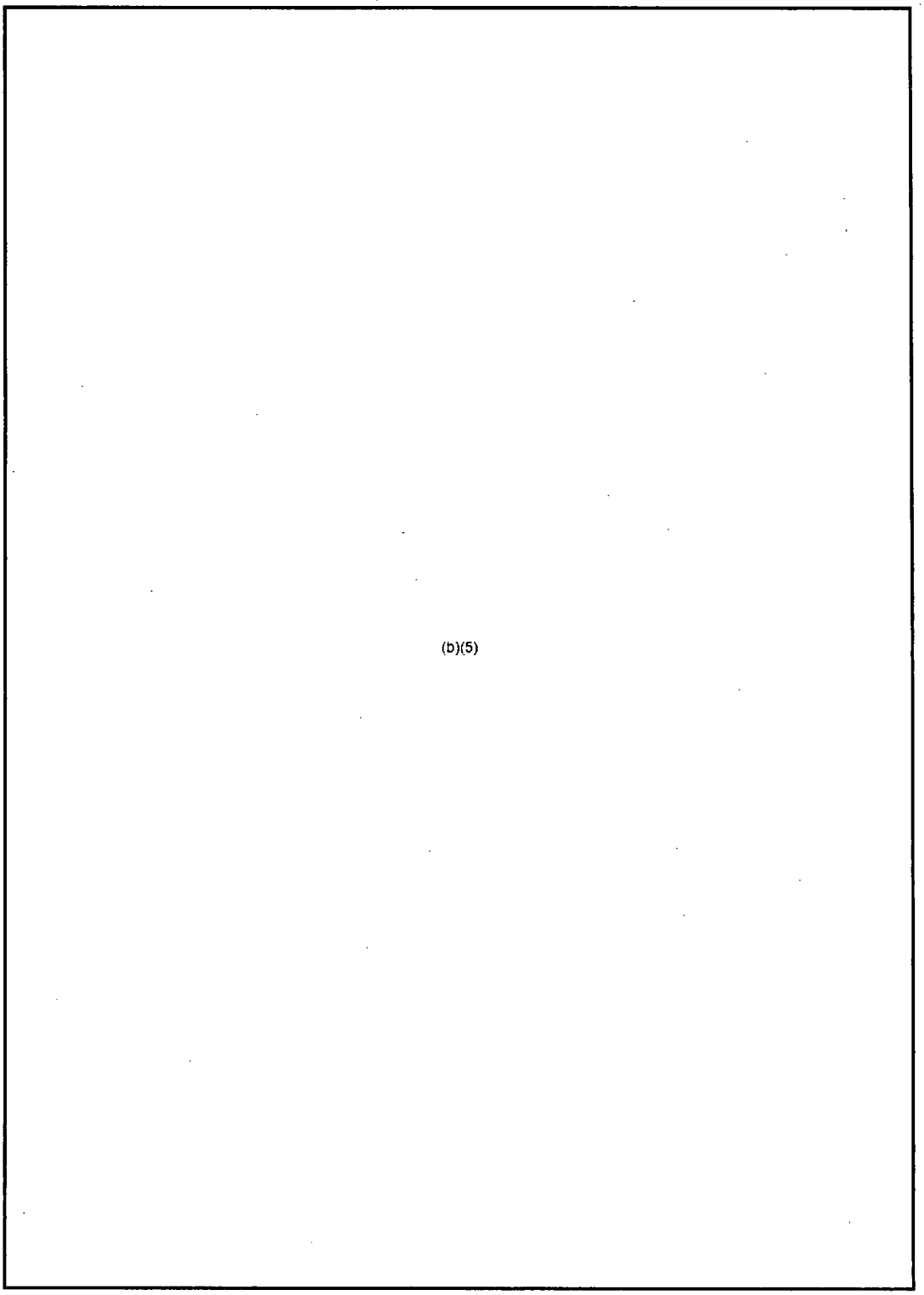

(b)(5)

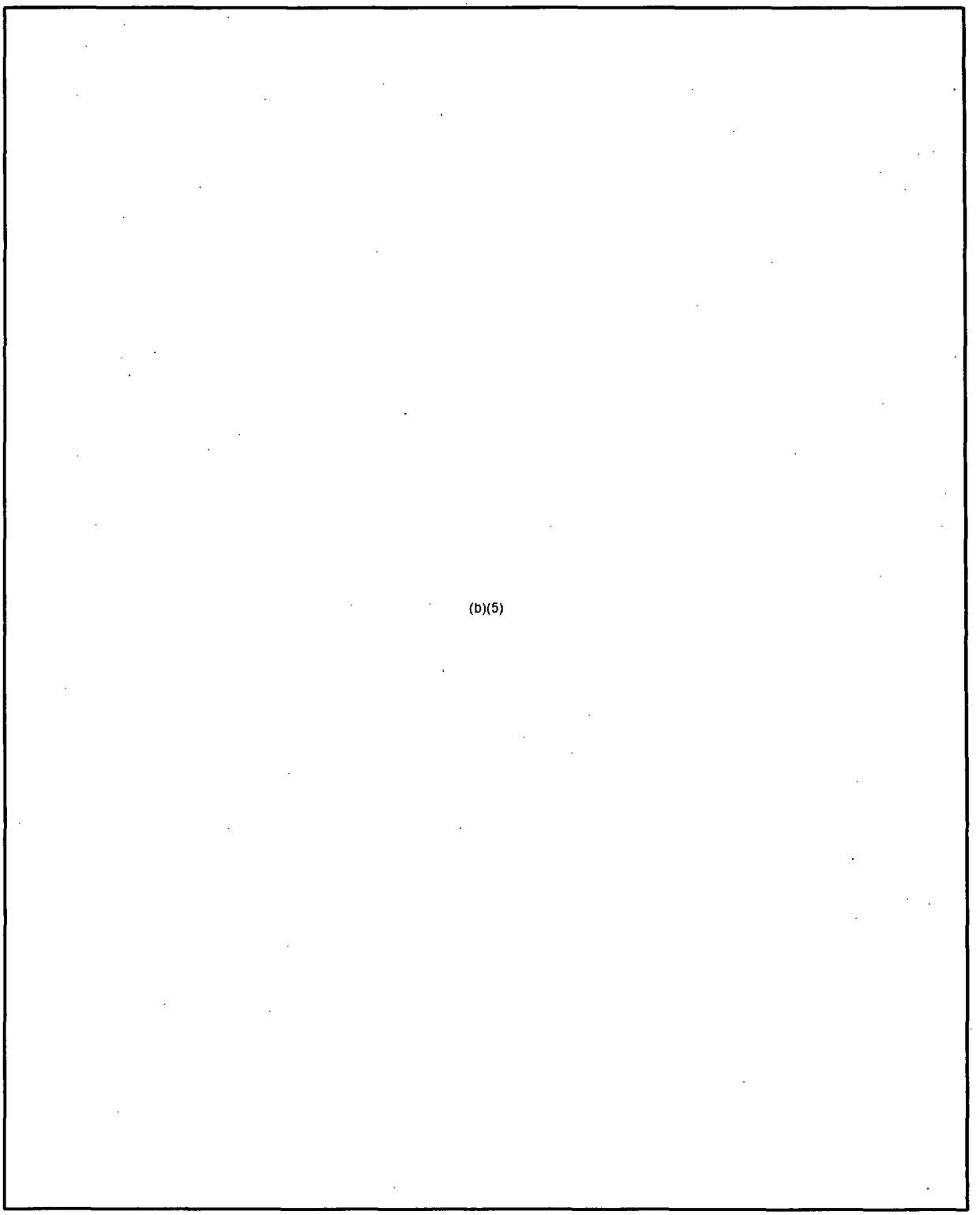
(b)(5)

(b)(5)

(b)(5)

(b)(5)


(b)(5)


(b)(5)

(b)(5)

Ferrante, Fernando

From: Mitman, Jeffrey
Sent: Friday, June 04, 2010 5:46 PM
To: Galloway, Melanie; Ferrante, Fernando
Subject: FW: Additonal Oconee ICM Information

FYI

From: Khanna, Meena
Sent: Thursday, June 03, 2010 5:07 PM
To: Skeen, David; Coleman, Nell; Wescott, Rex; Uribe, Juan
Cc: Kulesa, Gloria; James, Lois; Mitman, Jeffrey
Subject: FW: Additonal Oconee ICM Information

fyi....

From: Sabisch, Andrew
Sent: Thursday, June 03, 2010 5:00 PM
To: Bartley, Jonathan; Rapp, Curtis; Rogers, Walt; Stang, John
Cc: Khanna, Meena; Wilson, George; Wert, Leonard; Munday, Joel
Subject: Additonal Oconee ICM Information

Dave Baxter, Site VP, stopped by and said that the revised ICM letter will be signed out tomorrow morning and sent out electronically. It will contain the new / revised ICM's that have been taken. The biggest changes include:

- A flood protection wall has been built on the north end of the Owner Controlled Area protecting the area designated as the 'swale" in correspondence. This action has been completed.
- A flood levee is being built on the intake dyke and has been reviewed by FERC with no issues raised. The wall is sectional and has been used out in the mid-west along the major rivers for flood protection in lieu of sandbags. The wall will be built in 2 foot high sections to a final height of 10 feet. The wall will be 580 feet long and 6.5 feet wide and then filled with 22,000 tons of sand. The 1st 2 foot high section is in place and work is in progress to complete the wall. This will divert water away from the west yard and the SSF.

Andy

==========

Andrew T. Sabisch
U.S. Nuclear Regulatory Commission
Senior Resident Inspector
Oconee Nuclear Station
Seneca, SC 29678
(O) 864-882-6927/6928
(F) 864-882-0189
(C) (b)(6)

K19

Apostolakis, George

From:	Apostolakis, George
Sent:	Tuesday, December 07, 2010 5:01 PM
To:	Blake, Kathleen; Sosa, Belkys; Baggett, Steven; Snodderly, Michael; Davis, Roger
Subject:	Re: Commissioners Ostendorff and Apostolakis proposed visit to Oconee - January 19, 2011

I have to be out of town on the 13th.

George Apostolakis
Commissioner, US NRC
Blackberry (b)(6)

From: Blake, Kathleen
To: Sosa, Belkys; Baggett, Steven; Snodderly, Michael; Davis, Roger; Apostolakis, George
Sent: Tue Dec 07 16:34:55 2010
Subject: FW: Commissioners Ostendorff and Apostolakis proposed visit to Oconee - January 19, 2011

Cmr/Belkys: Mike F just called and wanted to reschedule this two-day Oconee trip to Jan 13-14 instead. Please advise. kb

Kathleen M. Blake
Administrative Assistant
to Commissioner Apostolakis
Nuclear Regulatory Commission
555 Rockville Pike
Rockville, Maryland 20852
301-415-1810

From: McCree, Victor
Sent: Tuesday, December 07, 2010 4:14 PM
To: Franovich, Mike; Reyes, Luis
Cc: Snodderly, Michael; Virgilio, Martin; Sanfilippo, Nathan; Kotzalas, Margie; Herr, Linda; Blake, Kathleen
Subject: RE: Commissioners Ostendorff and Apostolakis proposed visit to Oconee - January 19, 2011

Hi Mike,

Thanks for your email. Please note that we look forward to hosting CMR's Ostendorff and Apostolakis on a visit to Oconee. I'd also point out that January 19 is the second day of the Region II Leadership retreat, so if any schedule flexibility exist for their visit, we'd be happy to entertain such a discussion. If the date is fixed, we will of course still provide support.

Vic

From: Franovich, Mike
Sent: Tuesday, December 07, 2010 3:34 PM
To: Reyes, Luis
Cc: Snodderly, Michael; Virgilio, Martin; McCree, Victor; Sanfilippo, Nathan; Kotzalas, Margie; Herr, Linda; Blake, Kathleen
Subject: Commissioners Ostendorff and Apostolakis proposed visit to Oconee - January 19, 2011

Good afternoon Luis,

K/10

Commissioner Ostendorff is interested in visiting Oconee jointly with Commissioner Apostolakis on January 19, 2011. The Commissioners would travel to South Carolina the day before the site visit. Some of the topics of interest include Duke's perspectives on Oconee station performance and challenges, INPO SOER 10-02/Jim Ellis letter, cumulative effects (aggregate impacts) of NRC activities, Part 26 fatigue rule work-hours issues. Other Oconee specific issues include:

- NFPA 805 transition
- Tornado and HELB mitigation
- Digital Reactor Protective System / Engineered Safeguards Protective system project
- External flooding issues and related activities
- Other major plant upgrades/replacements and the refurbishment program

Please let us know if this is a good date for Region II and the licensee and any sage advice for the Commissioners' visit.

Many thanks,

Mike Franovich
Technical Assistant for Reactors
Office of Commissioner Ostendorff
301-415-1784

Pohida, Marie

From: Pohida, Marie
Sent: Tuesday, June 21, 2011 12:04 PM
To: Perkins, Richard
Cc: Bensi, Michelle; Mrowca, Lynn
Subject: RE: Generic Issues Review Panel recommendation memorandum - Draft for Comment

Good Morning,

I reviewed the latest version of the screening analysis report. (b)(5) I have two comments.

(b)(5)

(b)(5)

Thank you.
Marie

From: Bensi, Michelle
Sent: Friday, June 17, 2011 9:40 AM
To: Ruland, William; Pohida, Marie; Compton, Keith
Cc: Perkins, Richard; Beasley, Benjamin; Kauffman, John
Subject: Generic Issues Review Panel recommendation memorandum - Draft for Comment

Bill, Marie, and Keith,

I have attached a draft of the Generic Issues Review Panel recommendation memorandum for your review and comment. Please send your comments to Richard Perkins (with a copy to John Kaufmann and me).

Once we receive your comments, Richard will revise the memo accordingly. You will then be provided with a final version of the memo with appropriately labeled enclosure. Once the memo is finalized, Ben Beasley and Richard Correia will be asked for concurrence. Next, we will ask for your signatures followed by concurrence from the individual offices (NRR, NRO, NMSS). Brian Sheron will provide final approval before the memo and report are released publically.

K/11

I have also attached the most recent revision of the screening analysis report for your review. The attached report remains designated as Official Use Only. The report is currently under review by NSIR and we are awaiting guidance regarding the sensitivity classification of the document. Please note that the version of the report that is currently in ADAMS is not the most recent version. We hope to have the revised report included in ADAMS soon. If necessary, the report will be updated in ADAMS as revisions are made to it.

As you know, we are currently working on a Communication Plan that will be distributed to appropriate offices and managers to inform them about the forthcoming Generic Issue. We intend to broadly disseminate the final version of the Communication Plan before the screening panel memo is signed by the Generic Issues Review Panel and eventually by Brian Sheron. We will also offer briefings on the screening analysis to assure that all are prepared for the public release. Please refer to the schedule below for tentative dates related to the issuance of the screening assessment report.

Finally, please note the following with regard to the completeness of the attached draft memo:

- We will continue to work on the concurrence block at the bottom of the memo. We ask for your suggestions regarding names that should concur for your respective offices.
- We are awaiting a decision from NMSS regarding the inclusion of fuel cycle and spent fuel storage facilities in the scope of the Generic Issue. Currently, the memo includes "placeholder" text, which will be modified once we have received a decision from NMSS.

Tentative schedule for issuance of the PreGI-009 screening memo and analysis report:

Date	Action
Complete	completion of draft Communication Plan, distribute to first circle for comment (Panel, contributing parties)
Complete	draft memo provided to Screening Panel with final screening analysis report
June 21	decision with NSIR on sensitivity of screening analysis report
June 21	comments on Communication Plan due from first circle
June 24	provide revised / final memo with appropriately labeled enclosure to panel for final review
June 24	distribution of Communication Plan to second circle (affected DORL project managers, Regions, OPA, etc.)
July 5 and on	briefings as needed to DORL, Regions, etc.
July X – 14	Panel signs memo
July X	Brian Sheron approval of memo
July X	distribution of revised Communication Plan
July X+3	public release of memo and screening analysis
July X+30	public meeting presenting results of screening analysis

Please contact Richard Perkins, John Kaufmann, or me 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

Tracking:

Recipient	Read
Perkins, Richard	Read: 06/21/2011 12:26 PM
Bensi, Michelle	Read: 06/21/2011 12:04 PM
Mrowca, Lynn	Read: 06/22/2011 11:40 AM

Correia, Richard

From: Dean, Bill
Sent: Tuesday, June 22, 2010 5:40 PM
To: Correia, Richard; Layton, Michael
Subject: Fw: New NRC Daily Notes for June 22, 2010

Note the item on RII issuing CAL to Oconee on the Jocassee dam
Bill Dean
Deputy Director, NSIR
US NRC

From: NRC Daily Notes <EDO.GroupAccount@nrc.gov>
To: EDO GroupAccount
Cc: Pena, Alex
Sent: Tue Jun 22 16:00:14 2010
Subject: New NRC Daily Notes for June 22, 2010

Daily Notes for June 22, 2010

FSME

~~(OUO-SII)~~

Outside of Scope

NRO

~~(OUO-SII)~~

Outside of Scope

~~(OUO-SII)~~

Outside of Scope

K/12

Outside of Scope

NRR

~~(OUO-SII)~~

Outside of Scope

RII

~~(OUO-SII)~~

On June 22, Region II is scheduled to issue a confirmatory action letter (CAL) to Duke Energy Carolinas, LLC to address external flooding issues at Oconee Nuclear Station associated with a potential failure of the Jocassee Dam. The CAL requires the licensee to implement interim compensatory measures, submit a final flood analysis and a list of all necessary modifications to mitigate the flooding, and complete all modifications by November 30, 2011.

~~(OUO-SII)~~

Outside of Scope

~~(OUO-SII)~~

Outside of Scope

RIV

~~(OUO-SII)~~

Outside of Scope

~~(OUO-SII)~~

Outside of Scope

Bensi, Michelle

From: Correia, Richard
Sent: Wednesday, July 13, 2011 3:01 PM
To: Kauffman, John; Coe, Doug; Bensi, Michelle
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Great. I'll include in my message to the offices and regions what NSIR's review outcome was.

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

richard.correia@nrc.gov

From: Kauffman, John
Sent: Wednesday, July 13, 2011 1:13 PM
To: Correia, Richard; Coe, Doug; Bensi, Michelle
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

We heard from Meena Khanna to Shelby (one liner): Thanks Shelby...looks like folks are addressing this properly..thanks again.
JVK

From: Correia, Richard
Sent: Wednesday, July 13, 2011 12:55 PM
To: Kauffman, John; Coe, Doug; Bensi, Michelle
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Have we heard back from NRR and R II on their review of NSIR's evaluation of the report?

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

richard.correia@nrc.gov

From: Kauffman, John
Sent: Wednesday, July 13, 2011 12:26 PM
To: Correia, Richard; Coe, Doug
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Thanks! Great idea. JVK

From: Correia, Richard
Sent: Wednesday, July 13, 2011 11:41 AM
To: Kauffman, John; Coe, Doug
Subject: Re: Communication plan for forthcoming Generic Issue related to dam failures

K/13

I can address this when I send out the Comm plan to the offices and regions for review and comment.
Richard Correia, Director
Division of Risk Analysis
RES

Sent from a Blackberry

From: Kauffman, John
To: Coe, Doug; Correia, Richard
Sent: Wed Jul 13 11:21:18 2011
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

FYI,

Please see below..

(b)(5)

JVK

From: Bensi, Michelle
Sent: Wednesday, July 13, 2011 11:14 AM
To: Khanna, Meena
Cc: Perkins, Richard; Kauffman, John
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Hi Meena,
We are busy on our end trying to expedite the processing of this Generic Issue at the request of NRR OD in support of the forthcoming Task Force Report.
We have heard back from NSIR regarding the report. Please see the attached email containing their response. I also believe that Doug Coe (our Deputy Division Director) is working with your office regarding this topic.
Feel free to give me a call if you have any questions.
Shelby

From: Khanna, Meena
Sent: Wednesday, July 13, 2011 10:11 AM
To: Bensi, Michelle
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Hi Shelby, hope all is well...did you get final word from NSIR regarding OUO/SRI vs OUO? Thanks!

From: Bartley, Jonathan
Sent: Wednesday, July 13, 2011 10:07 AM
To: Khanna, Meena
Cc: Croteau, Rick; Jones, William
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Meena, are you guys engaged with Shelby Bensi on this study. (b)(5)

(b)(5)

(b)(5)

Jonathan

From: Bensi, Michelle
Sent: Wednesday, July 13, 2011 8:07 AM
To: Bartley, Jonathan
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Jonathan,
I have attached the current version of the Generic Issue screening assessment report. Please note that the report is still being finalized and remains Official Use Only.
Feel free to give me a call if you have any questions: 301-251-7570.
Thanks,
Shelby

From: Bartley, Jonathan
Sent: Tuesday, July 12, 2011 4:03 PM
To: Bensi, Michelle
Cc: Khanna, Meena
Subject: RE: Communication plan for forthcoming Generic Issue related to dam failures

Dr. Bensi,

Thank you for providing another opportunity to review the document. I like the changes you made in the paragraph discussing Oconee. The changes addressed (b)(5)

(b)(5)

Would it be possible to get a copy of the Generic Issue Screening Assessment Report? That would help me as I review the Q&As,

Jonathan Bartley
Chief, Reactor Projects Branch 1
Region II

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; Felsher, 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

Bensi, Michelle

From: Virgilio, Rosetta
Sent: Wednesday, July 20, 2011 12:38 PM
To: Bensi, Michelle
Cc: Steger (Tucci), Christine; Couret, Ivonne; Turtil, Richard; Ryan, Michelle; Felsher, Harry; Barker, Allan; Maier, Bill; Tifft, Doug; Woodruff, Gena; Logaras, Harral; McNamara, Nancy; Trojanowski, Robert
Subject: FW: FYI - FW: Communication plan for forthcoming Generic Issue related to dam failures
Attachments: PreGI009_CommunicationPlan_WorkingDraftForComment_2011_07_12.docx

Hello, Michelle – I've taken a look at the attached draft communication plan and would like to ensure that State notification (as is the case with Congress) is included/factored in the com plan and timeline.

Thanks much.

Rosetta O. Virgilio
Senior Liaison Project Manager
Intergovernmental Liaison Branch
U.S. Nuclear Regulatory Commission
11545 Rockville Pike - T-8F42
Rockville, MD 20852-2738
301-415-2367
Rosetta.Virgilio@nrc.gov

From: Steger (Tucci), Christine
Sent: Monday, July 18, 2011 4:56 PM
To: Virgilio, Rosetta
Cc: Couret, Ivonne
Subject: FYI - FW: Communication plan for forthcoming Generic Issue related to dam failures

Hi Rosetta,

I am getting the attached Comm. Plan second hand. It is being generated by RES. Ivonne and I thought you should see as FYI.

Christine

Christine A. Steger
Communications Analyst
Program Management, Policy Development
and Analysis Staff
Office of Nuclear Reactor Regulation
Direct: 301-415-2008
christine.steger@nrc.gov

From: Couret, Ivonne
Sent: Monday, July 18, 2011 8:28 AM
To: Wertz, Trent; Nguyen, Quynh; Steger (Tucci), Christine
Cc: Burnell, Scott
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

K/14

FYI – Somehow I was dropped out of the loop on this - perhaps we can follow-up on how the process failed. The OPA lead currently is Eliot/Beth Hayden transitioning to Scott Burnell and I'm on backup. Thanks, Ivonne

---

From: Hayden, Elizabeth
Sent: Monday, July 18, 2011 8:24 AM
To: Burnell, Scott; Couret, Ivonne
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Beth

From: Sheehan, Neil
Sent: Friday, July 15, 2011 1:46 PM
To: Hayden, Elizabeth
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Beth,

Do you know when our press release regarding the dam failure review is going to go out?

Neil

From: Schmidt, Wayne
Sent: Thursday, July 14, 2011 4:44 PM
To: Screnci, Diane; Sheehan, Neil
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Sorry – left you out as well.

From: Schmidt, Wayne
Sent: Thursday, July 14, 2011 2:38 PM
To: Tifft, Doug; McNamara, Nancy
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Sorry I left you off.

I don't see any real issues now, but then again this is only the Draft comm plan and we have not seen the initial safety review document.

From: Schmidt, Wayne
Sent: Tuesday, July 12, 2011 3:10 PM
To: Gray, Mel; Bickett, Brice; Bellamy, Ronald; Barber, Scott; Burritt, Arthur; Cline, Leonard; Cataldo, Paul; Catts, Michelle; Kern, David; Bonney, Erin; Heinly, Justin; McKenna, Philip; Patel, Amar; Jackson, Donald; Rich, Sarah; Krohn, Paul; Rosebrook, Andrew; Bower, Fred; Ziedonis, Adam
Cc: Wilson, Peter; Doerflein, Lawrence; Clifford, James; Roberts, Darrell; Miller, Chris; Lew, David
Subject: FW: Communication plan for forthcoming Generic Issue related to dam failures

Please find attached the DRAFT Comm Plan for pre-GI on Dam Failures. I'm still waiting on the actual screening report.

I highlighted in the list below the included plants for RI (IP, TMI, BV, Sal/HC, VY and PB.) To gather this list I think RES used a database of dams and then looked to see which were upstream of plants.

It does not look too bad – **RES would like comments by 7/19 – but I'd like to try for Friday if possible.** Please coordinate any contact with RES through me.

In an overall sense we should give the design basis flood event a look at each of the included plants to see if an upstream dam failure is included as part of the analysis (UFSAR and IPEEE).

I'll coordinate with each DRP branch and get with the respective residents in the AM.

From a quick look I don't think any of the subject upstream dams are earthen (need to confirm).

Outside of Scope

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; Felsher, 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 (includes Salem)**

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

Communication Plan for Generic Issue #204

Flooding of Nuclear Power Plant Sites Following Upstream Dam Failures

Working Draft for Comment dated 07/12/2011

23 pages withheld in their entirety – exemption 5

Pohida, Marie

From: Clark, Theresa
Sent: Monday, August 15, 2011 8:33 AM
To: Ader, Charles; Lombard, Mark
Cc: Mrowca, Lynn; Pohida, Marie
Subject: ACTION: [OUO] comm plan for GI on dam failure (YT-2011-0161, due noon today)
Attachments: ML112220477.APK; ML100760108.apk

Importance: High

~~[OFFICIAL USE ONLY INFORMATION INCLUDED BELOW]~~

Charlie/Mark—sorry for the rush on this, but we owe comments on the attached **comm. plan** (ML112220477, 1st attached) on the **dam failure GI** to DSER by **noon today**. Luckily, Marie has been involved all along and most of her comments were incorporated. She provided two comments, one editorial and one technical. They are below with blue background. **Please let me know as soon as possible if you are OK with sending these to DSER by noon.** Thanks!

1.

2.

(b)(5)

K/15

From: Clark, Theresa
Sent: Wednesday, August 10, 2011 4:11 PM
To: Mrowca, Lynn
Cc: Ader, Charles; Lombard, Mark; Penny, Melissa; Pohida, Marie
Subject: ACTION: comm plan for GI on dam failure (YT-2011-0161, due 8/15)

Lynn, attached is a request for NRO concurrence on the **communication plan for GI-204 (upstream dam failure)**. DSER has the lead, but both you and Marie are on the communication team in the plan (and Marie was on the GI panel), so you should review. **DSER is requesting comments/recommendation by noon Monday**, so I would need your comments by **early on Monday**. I might be able to get an extra day, but no promises since this has to go to the NRO front office as well. Please let me know as soon as possible if you run into a schedule problem.

Melissa, please ticket and assign to Lynn with internal and external 8/15.

Thanks!

From: Lauron, Carolyn
Sent: Wednesday, August 10, 2011 3:40 PM
To: Coates, Anissa; RidsNroMailCenter Resource
Cc: Duque, Esther; Clark, Theresa; Williams, Donna; Berry, Lee; Correa, Yessie
Subject: Request to Assign to DSER: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

Hi-

Please assign this item to DSER as lead, DSRA as support.

Noon, Monday, 8/15 – **DSRA** comments/recommendation to concur sent to DSER.
Noon, Wednesday, 8/17 – DSER comments/recommendation to concur sent to NRO OD.
COB, Friday, 8/19 – NRO comments/concurrence sent to RES. [Donna – please let us know if DSER will respond for the office or if MJ/GH would like a briefing, etc.]

Thanks,
Carolyn
2736

From: Siu, Carolyn
Sent: Wednesday, August 10, 2011 1:22 PM
To: RidsOpaMail Resource; RidsOcaMailCenter Resource; RidsRgn1MailCenter Resource; RidsRgn2MailCenter Resource; RidsRgn3MailCenter Resource; RidsRgn4MailCenter Resource; RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Perkins, Richard; Bensi, Michelle; Kauffman, John; Beasley, Benjamin
Subject: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

Good afternoon,

Attached please find for your review and concurrence a memo from Brian Sheron to Nader Mamish regarding the Communication Plan for Generic Issue 204. We would like to receive your concurrence by no later than COB Friday, August 19, 2011. If you have any questions or comments, please contact Richard Perkins or Michelle Bensi at 301-251-7479 or 301-251-7570, respectively.

Carolyn Siu

Contract Administrative Assistant II
Office of Nuclear Regulatory Research
Division of Risk Analysis
U.S. Nuclear Regulatory Commission
CSB-4A06
division line: 301-251-7430
direct line: 301-251-7568
fax: 301-251-7424
Carolyn.Siu@nrc.gov

some stories are true that never happened.

Pohida, Marie

From: Clark, Theresa
Sent: Monday, August 15, 2011 11:20 AM
To: Lauron, Carolyn
Cc: Ader, Charles; Lombard, Mark; Pohida, Marie; Mrowca, Lynn; RidsNroMailCenter Resource; Penny, Melissa
Subject: DSRA Response: YT-2011-0161, dam failure GI comm plan

Carolyn, DSRA has two comments on the **dam failure GI communications plan**—one editorial and one technical.

1.

2.

(b)(5)

Please let me know if you have any questions. We can provide more information on #2 if needed. Thanks!

This completes DSRA action on YT-2011-0161.

From: Coates, Anissa
Sent: Wednesday, August 10, 2011 3:46 PM
To: Lauron, Carolyn; Duque, Esther
Cc: Clark, Theresa; RidsNroMailCenter Resource; Williams, Donna; Berry, Lee; Correa, Yessie
Subject: RE: Request to Assign to DSER: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

Thanks Carolyn. This action has been assigned to DSER under **YT-2011-0161** (see attached).

DSRA – Please note DSER's requested due date below for your comments. All other dates have been noted in the tracker.

Thank you,
NRO Correspondence Team

From: Lauron, Carolyn
Sent: Wednesday, August 10, 2011 3:40 PM
To: Coates, Anissa; RidsNroMailCenter Resource
Cc: Duque, Esther; Clark, Theresa; Williams, Donna; Berry, Lee; Correa, Yessie
Subject: Request to Assign to DSER: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

Hi-

Please assign this item to DSER as lead, DSRA as support.

K/16

Noon, Monday, 8/15 – **DSRA** comments/recommendation to concur sent to DSER.
Noon, Wednesday, 8/17 – DSER comments/recommendation to concur sent to NRO OD.
COB, Friday, 8/19 – NRO comments/concurrence sent to RES. [Donna – please let us know if DSER will respond for the office or if MJ/GH would like a briefing, etc.]

Thanks,
Carolyn
2736

From: Coates, Anissa
Sent: Wednesday, August 10, 2011 1:34 PM
To: Clark, Theresa; Lauron, Carolyn
Subject: FW: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

The attached document is requesting NRO's concurrence (*Word version attached for convenience*). This may fall with both DSRA and DSER. Please let me know which division should take the lead, prior to assignment of the action. Thanks.

Anissa

From: Siu, Carolyn
Sent: Wednesday, August 10, 2011 1:22 PM
To: RidsOpaMail Resource; RidsOcaMailCenter Resource; RidsRgn1MailCenter Resource; RidsRgn2MailCenter Resource; RidsRgn3MailCenter Resource; RidsRgn4MailCenter Resource; RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Perkins, Richard; Bensi, Michelle; Kauffman, John; Beasley, Benjamin
Subject: Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure

Good afternoon,

Attached please find for your review and concurrence a memo from Brian Sheron to Nader Mamish regarding the Communication Plan for Generic Issue 204. We would like to receive your concurrence by no later than COB Friday, August 19, 2011. If you have any questions or comments, please contact Richard Perkins or Michelle Bensi at 301-251-7479 or 301-251-7570, respectively.

Carolyn Siu
Contract Administrative Assistant II
Office of Nuclear Regulatory Research
Division of Risk Analysis
U.S. Nuclear Regulatory Commission
CSB-4A06
division line: 301-251-7430
direct line: 301-251-7568
Fax: 301-251-7424
Carolyn.Siu@nrc.gov

some stories are true that never happened.

Correia, Richard

From: Holahan, Patricia
Sent: Tuesday, August 16, 2011 10:37 AM
To: Ruland, William; McGinty, Tim
Cc: Correia, Richard
Subject: RE: GI204 documents

Can anyone provide me the Oconee Dam report? I gather that's what the issue is with Jack. Why was the Oconee report marked OUO and this one can be publicly released.

Patricia K. Holahan
Director, Division of Security Operations
Office of Nuclear Security and Incident Response
U.S. Nuclear Regulatory Commission
Washington, DC 20555

(301) 415-6828 (work)
(b)(6) (cell)
patricia.holahan@nrc.gov

From: Ruland, William
Sent: Tuesday, August 16, 2011 10:28 AM
To: McGinty, Tim
Cc: Holahan, Patricia; Correia, Richard
Subject: Re: GI204 documents

Eric has no major concern that I'm aware of. What standard should we apply to Jack's question/concern? Let's get the standard from NSIR and use it when we talk to Jack. How does anyone see this differently?
Bill Ruland, from
USNRC Blackberry

From: McGinty, Tim
To: Correia, Richard; Holahan, Patricia
Cc: Ruland, William
Sent: Tue Aug 16 09:43:48 2011
Subject: RE: GI204 documents

Rich – I got your phone message, and left you one in return. (b)(5)

(b)(5)

(b)(5)

I can meet today at 2:30, or tomorrow at 2. How about yourself and Trish?

K/17

From: Correia, Richard
Sent: Monday, August 15, 2011 12:57 PM
To: Grobe, Jack; McGinty, Tim; Ruland, William; Holahan, Patricia
Cc: Coe, Doug; Beasley, Benjamin; Kauffman, John; Perkins, Richard
Subject: RE: GI204 documents

Jack,

(b)(5)

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

richard.correia@nrc.gov

From: Grobe, Jack
Sent: Monday, August 15, 2011 11:33 AM
To: Correia, Richard; McGinty, Tim; Ruland, William
Cc: Coe, Doug; Beasley, Benjamin; Kauffman, John; Perkins, Richard
Subject: RE: GI204 documents

This conversation is incomplete without evaluating the basis for the decision on withholding information regarding Oconee in 2007 and articulating the basis for our conclusion today that the 2007 decision was incorrect. I am not persuaded that this has occurred based on the information discussed herein and do not think that we should continue this by e-mail. Should Marc, Jennifer and I get together to bring this to closure??

From: Correia, Richard
Sent: Friday, August 12, 2011 9:07 AM
To: McGinty, Tim; Grobe, Jack; Ruland, William
Cc: Coe, Doug; Beasley, Benjamin; Kauffman, John; Perkins, Richard
Subject: GI204 documents

Jack, Tim, Bill,

Attached are the three documents I referred to below. Please let me know if you have any questions or would like to talk about them further. I have messages into NSIR asking them if Jim Wiggins was briefed and concurred on Bern Stapleton's position on whether the pre-GI screening report could be made publicly available. I'll get back to you as soon as I hear back from NSIR. I will ask NSIR to get Jim's concurrence if he has not done so already.

Thx

Rich

Richard Correia, PE
Director, Division of Risk Analysis

Office of Nuclear Regulatory Research
US NRC

richard.correia@nrc.gov

From: Correia, Richard
Sent: Thursday, August 11, 2011 4:59 PM
To: McGinty, Tim
Subject: RE: GI204

Thanks Tim for the feedback. I was in a position when I first learned of the GI that the (b)(5) Also, there are 5-6 NRC documents dating back to 2006 that contain information on Oconee and dam failure that are readily accessible on the internet. So, I asked Richard Perkins to collect 3 documents that I will forward to you and Jack for your use and information regarding the screening report's reference to Oconee and dam failure:

1.the memo from me to Trish Holahan requesting NSIR review of the pre-GI screening report and whether the report contains security-related sensitive information. 2. NSIR's response to the memo and 3. A list of publicly available NRC documents that contain information specific to Oconee and the dam failure issue.

Once you and Jack have had a chance to review these documents I would ask that we discuss whether the GI screen report needs to be redacted.

Very much appreciate and understand the concerns over the sensitivity with Oconee and we will not proceed until we reach alignment.

Talk to you later,

Rich

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

richard.correia@nrc.gov

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

Richard - I wanted to get one element that I see to you right away. I think it is important to have NSIR on concurrence at the Office Director level. I know that George Wilson been working closely with NSIR, but I recommend that there is no substitute for NSIR Office Director level of concurrence on this topic that: (1) has historically had significant concerns associated with the sensitivity of the information, and (2) seeks the concurrence of every other major Office. I didn't see NSIR on your list below. Tim

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.

Regarding redaction... While the question came up again in the last 72 hours, (b)(5) If you still have an open question on that, you might want to discuss with Rich Correia.

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; Marcano, 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; Tifft, 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

(b)(5)

Designation of GI204 Documents as Publicly Available

Meeting Date: August 17, 2011

(b)(5)

K/18

Correia, Richard

From: Correia, Richard
Sent: Monday, January 09, 2012 5:13 PM
To: Wiggins, Jim; Layton, Michael
Cc: Holahan, Patricia; Westreich, Barry; Dapas, Marc; Evans, Michele; Cobey, Eugene
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Thx Jim. Please contact me if you need support with any questions, comments etc from DHS.

Rich

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

richard.correia@nrc.gov

From: Wiggins, Jim
Sent: Monday, January 09, 2012 4:53 PM
To: Layton, Michael
Cc: Holahan, Patricia; Westreich, Barry; Dapas, Marc; Evans, Michele; Correia, Richard; Cobey, Eugene
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Please take the lead to get with DHS:IP to have it review and hopefully clear publication of the GI document.

Let us know what DHS's schedule would be. Also, ask DHS to limit distribution to itself.....no release to industry.

From: Evans, Michele
Sent: Monday, January 09, 2012 4:47 PM
To: Wiggins, Jim
Cc: Correia, Richard
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Jim,

(b)(5)

Regarding time frame, RES's current date for role out of the GI is January 18 as part of a Fukushima public meeting. However, RES is aware of my question/concern and I think is waiting for an answer from NSIR. (that is why I have included Rich on this email.)

Thanks.

Michele

From: Coe, Doug
Sent: Monday, January 09, 2012 12:19 PM
To: Evans, Michele

K/19

Cc: Correia, Richard; Beasley, Benjamin
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Michele,
I located the ML number: ML113500495 (ADAMS link is provided below).

https://adamsxt.nrc.gov/WorkplaceXT/IBMgetContent?vsId={7BB56E95-3152-4F87-927B-BC9C9DFC10E4}&objectStoreName=Main. .Library&objectType=document&id={27132252-F6C5-4968-9674-2C5E997AB2D4}

You should probably talk with Joe Giitter and Allen Howe for a summary of the lengthy history between NRR, RES, and NSIR.

Doug

Correia, Richard

From: Correia, Richard
Sent: Tuesday, January 10, 2012 6:53 AM
To: Sheron, Brian; Holian, Brian
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Brians,

(b)(5)

NSIR is going to ask DHS/infrastructure protection for their views. I told my NSIR counterparts we stand by ready to engage with DHS so we can keep GI 204 moving forward. You'll likely hear a bit about this issue at today's steering committee meeting. I didn't want you to be surprised.

Rich

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

richard.correia@nrc.gov

From: Wiggins, Jim
Sent: Monday, January 09, 2012 4:53 PM
To: Layton, Michael
Cc: Holahan, Patricia; Westreich, Barry; Dapas, Marc; Evans, Michele; Correia, Richard; Cobey, Eugene
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Please take the lead to get with DHS:IP to have it review and hopefully clear publication of the GI document.

Let us know what DHS's schedule would be. Also, ask DHS to limit distribution to itself.....no release to industry.

From: Evans, Michele
Sent: Monday, January 09, 2012 4:47 PM
To: Wiggins, Jim
Cc: Correia, Richard
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Jim,

(b)(5)

Regarding time frame, RES's current date for role out of the GI is January 18 as part of a Fukushima public meeting. However, RES is aware of my question/concern and I think is waiting for an answer from NSIR. (that is why I have included Rich on this email.)

Thanks.

K120

Michele

From: Coe, Doug
Sent: Monday, January 09, 2012 12:19 PM
To: Evans, Michele
Cc: Correia, Richard; Beasley, Benjamin
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Michele,
I located the ML number: ML113500495 (ADAMS link is provided below).

https://adamsxt.nrc.gov/WorkplaceXT/IBMgetContent?vsId={7BB56E95-3152-4F87-927B-BC9C9DFC10E4}&objectStoreName=Main. .Library&objectType=document&id={27132252-F6C5-4968-9674-2C5E997AB2D4}

You should probably talk with Joe Giitter and Allen Howe for a summary of the lengthy history between NRR, RES, and NSIR.

Doug

Correia, Richard

From: Layton, Michael
Sent: Tuesday, January 10, 2012 7:12 AM
To: Correia, Richard; Westreich, Barry; Holahan, Patricia
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Will do. Good insights. I'll check with Bern before I call Conklin.

MCL

From: Correia, Richard
Sent: Tuesday, January 10, 2012 7:01 AM
To: Layton, Michael; Westreich, Barry; Holahan, Patricia
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

All,

We briefed NRR, NSIR, regions, NMSS, FSME et al on December 20th on this GI (upstream dam failure). During that meeting there was a discussion on the content of the screening report relative to what is considered by some to be security sensitive information. At the meeting, Bern Stapleton was asked to have DHS look at the report and get their views on the sensitivity of the information. We have not heard back from Bern so I do not know if he had already talked to DHS or not. My suggestion is to talk to him before reaching out to DHS/IP incase he had already contacted them.

Barry, this is the same report we discussed last summer and at NSIR's recommendation, we redacted a paragraph on a Jocasee dam failure-impact on Oconee scenario. The rest of the report was considered releasable.

Let me know if you want to discuss further.

Many thanks

Rich

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

richard.correia@nrc.gov

From: Wiggins, Jim
Sent: Monday, January 09, 2012 4:53 PM
To: Layton, Michael
Cc: Holahan, Patricia; Westreich, Barry; Dapas, Marc; Evans, Michele; Correia, Richard; Cobey, Eugene
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Please take the lead to get with DHS:IP to have it review and hopefully clear publication of the GI document.

Let us know what DHS's schedule would be. Also, ask DHS to limit distribution to itself.....no release to industry.

K/21

From: Evans, Michele
Sent: Monday, January 09, 2012 4:47 PM
To: Wiggins, Jim
Cc: Correia, Richard
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Jim,

(b)(5)

Regarding time frame, RES's current date for role out of the GI is January 18 as part of a Fukushima public meeting. However, RES is aware of my question/concern and I think is waiting for an answer from NSIR. (that is why I have included Rich on this email.)

Thanks.

Michele

From: Coe, Doug
Sent: Monday, January 09, 2012 12:19 PM
To: Evans, Michele
Cc: Correia, Richard; Beasley, Benjamin
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Michele,
I located the ML number: ML113500495 (ADAMS link is provided below).

https://adamsxt.nrc.gov/WorkplaceXT/IBMgetContent?vsId={7BB56E95-3152-4F87-927B-BC9C9DFC10E4}&objectStoreName=Main. .Library&objectType=document&id={27132252-F6C5-4968-9674-2C5E997AB2D4}

You should probably talk with Joe Giitter and Allen Howe for a summary of the lengthy history between NRR, RES, and NSIR.

Doug

Correia, Richard

From: Layton, Michael
Sent: Tuesday, January 10, 2012 12:40 PM
To: Correia, Richard
Cc: Wiggins, Jim; Dapas, Marc
Subject: Re: ~~OUO~~ Dam Safety Document- ~~OUO~~

The email didn't get to DHS. The attachment is too big for the server. We're breaking it in parts and will try again. Rebecca, Craig's assistant said she would give it to the Dam Security guys for an expedited review.

MCL
Michael Layton

From: Correia, Richard
To: Layton, Michael
Sent: Tue Jan 10 12:31:11 2012
Subject: RE: ~~OUO~~ Dam Safety Document- ~~OUO~~

Thx Mike. Any sense if this review will take place expeditiously?

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

richard.correia@nrc.gov

From: Layton, Michael
Sent: Tuesday, January 10, 2012 12:12 PM
To: rebecca.hardesty@associates.dhs.gov
Cc: Correia, Richard; Wiggins, Jim; Dapas, Marc; Conklin, Craig
Subject: ~~OUO~~ Dam Safety Document- ~~OUO~~

Rebecca,

As we discussed, attached in internal NRC document that we're planning to make public in ADAMS.

(b)(5)

NOTE: This document has not been publically release and should not be shared outside of your organization. Under no circumstances should this document be provided to industry before NRC determines it can be released.

Thanks again for your review. Feel free to contact me directly if you have any questions.

MCL

U.S. Nuclear Regulatory Commission

Michael C. Layton, Deputy Director
Division of Security Policy

K/22

Office of Nuclear Security and Incident Response

Office: 301.415.7440
BB (b)(6)
Fax: 301.415.5373

Correia, Richard

From: Coe, Doug
Sent: Tuesday, January 10, 2012 2:21 PM
To: Loveless, David
Cc: Correia, Richard; Beasley, Benjamin
Subject: RE: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Thanks David – Ben Beasley and his staff are the technical leads and will be in touch with you.
Doug

From: Loveless, David
Sent: Tuesday, January 10, 2012 1:10 PM
To: Coe, Doug
Subject: ACT: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Doug,

There are some substantial deficiencies in the July 2011 report regarding GSI-204. Specifically, the Fort Calhoun Station IPEEE was in error. (b)(7)(F)

Current USACE documents indicate that an Oahe failure would result in flooding of just over (b)(7)(F)

I issued a proposed backfit exception for Fort Calhoun Station earlier this year as a result of that study. There are a lot of good references in it if you are interested. Please note that the (b)(7)(F) It appears that the backfit efforts will be subsumed by the Generic Safety Issue, so I hope to get as much information to you guys as possible.

If you are not the right interface for this information, please let me know.

Thanks,

David P. Loveless
Senior Reactor Analyst
U.S. NRC, Region IV

(817) 200-1161

From: Vegel, Anton
Sent: Tuesday, January 10, 2012 7:20 AM
To: Blount, Tom; Loveless, David
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Tom and David
FYI!

K123

Thanks!
Tony V.

From: Brown, Frederick
Sent: Tuesday, January 10, 2012 6:35 AM
To: Lubinski, John; Croteau, Rick; Kennedy, Kriss; Vegel, Anton; Munday, Joel
Subject: Fw: GI-204 context - followup from DEDO briefing on 12/21/11

FYI

From: Evans, Michele
To: Brown, Frederick; Boger, Bruce; Dorman, Dan; Howe, Allen; Ruland, William
Sent: Mon Jan 09 17:57:11 2012
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

FYI. NSIR is following up on DHS question.

From: Wiggins, Jim
Sent: Monday, January 09, 2012 4:53 PM
To: Layton, Michael
Cc: Holahan, Patricia; Westreich, Barry; Dapas, Marc; Evans, Michele; Correia, Richard; Cobey, Eugene
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Please take the lead to get with DHS:IP to have it review and hopefully clear publication of the GI document.

Let us know what DHS's schedule would be. Also, ask DHS to limit distribution to itself.....no release to industry.

From: Evans, Michele
Sent: Monday, January 09, 2012 4:47 PM
To: Wiggins, Jim
Cc: Correia, Richard
Subject: FW: GI-204 context - followup from DEDO briefing on 12/21/11

Jim,

(b)(5)

Regarding time frame, RES's current date for role out of the GI is January 18 as part of a Fukushima public meeting. However, RES is aware of my question/concern and I think is waiting for an answer from NSIR. (that is why I have included Rich on this email.)

Thanks.

Michele

From: Coe, Doug
Sent: Monday, January 09, 2012 12:19 PM
To: Evans, Michele
Cc: Correia, Richard; Beasley, Benjamin
Subject: RE: GI-204 context - followup from DEDO briefing on 12/21/11

Michele,
I located the ML number: ML113500495 (ADAMS link is provided below).

https://adamsxt.nrc.gov/WorkplaceXT/IBMgetContent?vsId={7BB56E95-3152-4F87-927B-BC9C9DFC10E4}&objectStoreName=Main. .Library&objectType=document&id={27132252-F6C5-4968-9674-2C5E997AB2D4}

You should probably talk with Joe Giitter and Allen Howe for a summary of the lengthy history between NRR, RES, and NSIR.

Doug

Correia, Richard

From: Layton, Michael
Sent: Wednesday, January 11, 2012 10:32 AM
To: Correia, Richard
Cc: Dapas, Marc; Wiggins, Jim
Subject: RE: ~~OUO~~ Dam Safety Document- ~~OUO~~

Just talked to Rebecca Hardesty. They received the document and a Dam Security person ("Enrique") is reviewing and also Craig Conklin is looking at it. She appreciated the urgency and will try to get Craig and Enrique to confer today and get back to us, hopefully today.

Stay tuned.

MCL

From: Correia, Richard
Sent: Wednesday, January 11, 2012 8:43 AM
To: Layton, Michael
Subject: RE: ~~OUO~~ - Dam Safety Document- ~~OUO~~

Mike,

Did you ask DHS for a response date? Or did they indicate when they would get back to you?

thx

Rich

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

richard.correia@nrc.gov

From: Layton, Michael
Sent: Tuesday, January 10, 2012 1:41 PM
To: rebecca.hardesty@associates.dhs.gov
Cc: Correia, Richard; Wiggins, Jim; Dapas, Marc; Conklin, Craig
Subject: ~~OUO~~ Dam Safety Document- ~~OUO~~

Rebecca,

Sorry for the delay. My first attempt bounced back because the document was too large for our server, so we broke it into parts. All three parts make up the entire document.

As we discussed, the attached files are the internal NRC document that we're planning to make public in ADAMS. This is a report to address a generic issue the NRC has been working for some time and we would very much like to make the report public. That said we recognize some of the compiled information may have some potential impact to DHS' Dam Security efforts.

(b)(5)

K124

NOTE: This document has not been publically release and should not be shared outside of your organization. Under no circumstances should this document be provided to industry before NRC determines it can be released.

Thanks again for your review. Feel free to contact me directly if you have any questions.

MCL

U.S. Nuclear Regulatory Commission

Michael C. Layton, Deputy Director
Division of Security Policy
Office of Nuclear Security and Incident Response

Office: 301.415.7440
BB: (b)(6)
Fax: 301.415.5373

Bensi, Michelle

From: Bensi, Michelle
Sent: Wednesday, April 04, 2012 11:31 AM
To: Ferrante, Fernando
Subject: FW: 2.1 Flooding Prioritization Discussion with NEI

Just FYI... here's the list of comments I ended up sending over to Jill.

From: Caverly, Jill
Sent: Thursday, March 29, 2012 10:00 PM
To: Bensi, Michelle
Subject: RE: 2.1 Flooding Prioritization Discussion with NEI

Hi Shelby,
Thanks for the comments. You spent a good amount of time and effort on this and I greatly appreciate it. I plan to take a longer look at all the comments tomorrow and incorporate changes. I will be in touch for more comments, probably end of next week so please stay tuned!
Thanks again.
Best,
Jill

From: Bensi, Michelle
Sent: Thursday, March 29, 2012 5:20 PM
To: Caverly, Jill
Subject: RE: 2.1 Flooding Prioritization Discussion with NEI

Hi Jill,

I have a few initial comments regarding the NRC prioritization scheme (in no particular order):

- Outside of Scope
- I am not sure what is meant by the category "Flood Protection Above Site Grade." At first glance, this seems like it is similar to NEI's "wet site/dry site" category. However, several sites that have floods above grade do not have an entry in that column. Thus I am not sure what this category is capturing. For example the following sites have "above grade" floods but don't have entries in that column:
  - Outside of Scope

K/25

- Outside of Scope
- Oconee: Upstream dam failure causes a flood above grade.
- Outside of Scope
- Outside of Scope

I know how challenging it is to come up with the prioritization scheme. Thanks for the opportunity to comment.

Thank you,
Shelby

From: Caverly, Jill
Sent: Wednesday, March 28, 2012 9:12 PM
To: Miller, Ed; Bensi, Michelle; Cook, Christopher; Farnholtz, Thomas; Ferrante, Fernando; Gratton, Christopher; Jones, Henry; Kanney, Joseph; Karwoski, Kenneth; Patterson, Malcolm; Sancaktar, Selim; See, Kenneth; Tegeler, Bret; Thompson, Jenise
Subject: RE: 2.1 Flooding Prioritization Discussion with NEI

All:
Tomorrow we have a meeting scheduled to discuss the prioritization scheme for Recommendation 2.1. Please take a look at the attached documents.
The first is industry's proposed prioritization plan for Recommendation 2.1. In addition, there is an attached spreadsheet with NRC's first cut at a prioritization scheme.
For your use in understanding NRC's prioritization, the categories are below:

NRC Prioritization categories:
Number of Flood Hazards Noted in FSAR Number of surface water hazards that were studied in FSAR which will need to be restudied; did not factor in unstudied hazards.
Coastal Flood Hazard Sites that are impacted by storm surge or tsunami.

Dam Failure Hazard Sites that are impacted by dam failure; may not be licensing basis flood.
Co-Located Site Sites that are co-located with an Early Site Permit or Combined License (either application or approved license).
Flood Protection above Site Grade Sites that have design basis flood elevation above site grade, and therefore require flood protection.
Inadequate Documentation in FSAR (to be renamed) Sites with inadequate FSAR documentation, as compared to present day methodologies and standards.
Sites with Issues of Interest Sites that have a known issue that is of interest that may require more review time

We are looking forward to hearing your comments and perspectives. If you are not able to attend the meeting, feel free to send comments by email.
Thank you.

---Original Appointment---
From: Miller, Ed
Sent: Wednesday, March 28, 2012 12:35 PM
To: Miller, Ed; Bensi, Michelle; Caverly, Jill; Cook, Christopher; Farnholtz, Thomas; Ferrante, Fernando; Gratton, Christopher; Jones, Henry; Kanney, Joseph; Karwoski, Kenneth; Patterson, Malcolm; Sancaktar, Selim; See, Kenneth; Tegeler, Bret; Thompson, Jenise
Subject: 2.1 Flooding Prioritization Discussion with NEI

When: Thursday, March 29, 2012 3:00 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-8-B4

When: Thursday, March 29, 2012 3:00 PM-4:30 PM (GMT-05:00) Eastern Time (US & Canada).
Where: O-8-B4

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

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

The purpose of this call is to continue the discussion with NEI on the prioritization scheme.

Call in Info
800-779-1509
(b)(6) #

See, Kenneth

From: Miller, Ed
Sent: Monday, June 11, 2012 7:30 AM
To: NTTF Rec 2.1 Flooding; NTTF Rec 2.3 Flood
Subject: FW: Duke Energy's 90-Day Responses to NRC 50.54(f) Letter Regarding Recommendations 2.1, 2.3, and 9.3
Attachments: 120608 5054f 90-Day Flood Response.pdf

publicly available as ML12164A399

3 in 1!

From: Boska, John
Sent: Monday, June 11, 2012 7:00 AM
To: Gratton, Christopher; Miller, Ed
Subject: FW: Duke Energy's 90-Day Responses to NRC 50.54(f) Letter Regarding Recommendations 2.1, 2.3, and 9.3

See attached for 90 day responses for Oconee, McGuire and Catawba. Please forward to interested personnel.

John Boska
Oconee Project Manager, NRR/DORL
U.S. Nuclear Regulatory Commission
301-415-2901
email: john.boska@nrc.gov

From: Thomas, Jeff [mailto:Jeff.Thomas@duke-energy.com]
Sent: Friday, June 08, 2012 9:31 AM
To: Thompson, Jon; Boska, John
Subject: Duke Energy's 90-Day Responses to NRC 50.54(f) Letter Regarding Recommendations 2.1, 2.3, and 9.3

Attached for your information are PDF copies of the subject letters. You should receive a hard copy via mail within the next few days. Should you have any questions concerning the content of these letters, please give me a call.

Jeff Thomas
Fleet Licensing Manager, Duke Energy
704-382-3438 (Office)
(b)(6) (Mobile)
jeff.thomas@duke-energy.com

K/26

Savoy, Carmel

om: NRC Announcement [nrc.announcement@nrc.gov]
ent: Friday, July 06, 2012 9:00 PM
To: NRC Announcement
Subject: Daily: 2 New Items from Friday, July 6, 2012

Friday July 6, 2012 -- Headquarters Edition

- **Event: Presentation on Dam Failure, Nuclear Power Plant Flooding, and the Outlook for Generic Issue 204**
- Outside of Scope

Event: Presentation on Dam Failure, Nuclear Power Plant Flooding, and the Outlook for Generic Issue 204

Title: Dam Failure, Nuclear Power Plant Flooding, and the Outlook for Generic Issue 204

Presenters: Richard H. Perkins, P.E.; Jacob Phillip, P.E.; Christopher Cook, Ph.D.

lace: TWFN Auditorium

Time: 10:00 a.m. – 11:30 a.m.

Date: Tuesday, July 10, 2012

Bridgeline: 888-456-0319

Passcode: (b)(6)

Staff from the Offices of Nuclear Regulatory Research and New Reactors will provide a presentation on the technical and safety implications of flooding at nuclear power plants and the generic concern addressed in Generic Issue 204, "Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure."

VTCs will be available at Regions I, II, III, IV and the TTC.

:mployee Resources: Headquarters Operating Status for July 2, 3, and 5, 2012

Updated to incorporate July 5, 2012

K127

Outside of Scope

Coe, Doug

From: Beasley, Benjamin
Sent: Monday, September 10, 2012 9:58 AM
To: Coe, Doug
Cc: Correia, Richard
Subject: RE: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

I am waiting to hear the dates of the symposium. Shelby is (b)(6) the first week of January but is otherwise available and willing.

Ben

From: Coe, Doug
Sent: Monday, September 10, 2012 9:43 AM
To: Beasley, Benjamin
Cc: Correia, Richard
Subject: RE: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Ben – did this get settled?

From: Beasley, Benjamin
Sent: Tuesday, August 28, 2012 1:52 PM
To: Correia, Richard; Pham, Bo
Cc: Coe, Doug
Subject: RE: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Shelby is the appropriate person to talk about GI-204. She did the bulk of the technical work and is still engaged with its resolution. The complication is that Shelby is still with NRO. I will call her about her interest and availability.

Ben

From: Correia, Richard
Sent: Tuesday, August 28, 2012 12:56 PM
To: Pham, Bo; Beasley, Benjamin
Cc: Coe, Doug
Subject: FW: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Ben, Bo,

An opportunity! Jennifer wants our support to develop a paper for an NC state symposium in January on dam failures/flooding (see below). It should not be difficult I assume given all the exceptional work the OEGIB staff did to develop GI 204. I don't have the particulars on when the paper is due, length etc but let me know if you're on board with the assignment and who you think would be the primary author(s).

Thx

Rich

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

K128

richard.correia@nrc.gov

From: Uhle, Jennifer
Sent: Monday, August 27, 2012 5:01 PM
To: Chokshi, Nilesh; Skeen, David; Taylor, Robert; Correia, Richard; Coe, Doug
Cc: Flanders, Scott; Cook, Christopher; Hawkins, Kimberly; Munson, Clifford
Subject: RE: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Rich Correia, you said RES could cover one somewhat related to GI-204-- *Why a Concern and Technical Basis for Dam Failures/Flooding*-RES

NRO is doing "Perspectives, issues, and guidance associated with implementing hazard reevaluations at NPP sites (NTTF Recommendation 2.1)".

JLD- can you guys do one?

From: Chokshi, Nilesh
Sent: Friday, August 24, 2012 12:36 PM
To: Uhle, Jennifer; Skeen, David; Taylor, Robert; Correia, Richard; Coe, Doug
Cc: Flanders, Scott; Cook, Christopher; Hawkins, Kimberly; Munson, Clifford
Subject: RE: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Jennifer,

Here is our proposal. I have not coordinated with other NRO division's yet, but we can offer the following:

"Perspectives, issues, and guidance associated with implementing hazard reevaluations at NPP sites (NTTF Recommendation 2.1)".

This could serve as a lead paper and we may split it into two presentations: one on flood and one on seismic.

Nilesh

From: Uhle, Jennifer
Sent: Monday, August 20, 2012 11:12 AM
To: Skeen, David; Taylor, Robert; Correia, Richard; Coe, Doug; Chokshi, Nilesh
Subject: FW: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

Hi guys. I am on the steering committee for this Symposium. It will focus on external events primarily. NEI, EPRI, utilities and academia are represented on the committee and are participating. It will take place in Jan 2013. They request NRC do a few papers and talks below. Can we split them up, one per office? Thanks in advance. J

From: Ajaya Kumar Gupta [mailto:gupta@ncsu.edu]
Sent: Friday, August 17, 2012 11:40 AM
To: Uhle, Jennifer
Subject: Distinguished Luncheon Speaker/ NRC Papers for the Symposium

NC STATE UNIVERSITY

8TH NUCLEAR PLANTS CURRENT ISSUES SYMPOSIUM: CHALLENGES & OPPORTUNITIES

Dear Jennifer,

I wrote on August 9 requesting your help for finding authors for NRC papers on the following topics. The papers can also be authored or coauthored by NRC contractors.

1. *Emergence of New Information, Change in State of the Art, Periodic Assessment of Design Basis/ NRC's Actions on Responses to 90-Day Request for Information-10 CFR 50.54f* [A lead or long paper. An alternative, two authors may present parts of it sequentially. The title needs putting in a proper form. You may do it or let the perspective author(s) do it.]
2. *NRC Observations of Utility Walkdowns*
3. *Why a Concern and Technical Basis for Dam Failures/Flooding*-RES

I hope to hear from you soon. Thanks.

Regards,

Ajaya

AJAYA KUMAR GUPTA, *Symposium Chairman*
3924 Morvan Way, Raleigh, NC 27612-3728 | Phones: 919-881-2090 Land (b)(6) **Mobile**

Professor Emeritus and Founding Director | Center for Nuclear Plant Structures, Equipment & Piping
Advisory Board Member & Past President, International Association for Structural Mechanics in Reactor Technology (IASMiRT)

See, Kenneth

From: Chokshi, Nilesh
Sent: Monday, September 17, 2012 9:08 AM
To: Cook, Christopher; Bensi, Michelle; See, Kenneth; Caverly, Jill; Flanders, Scott; Chaput, Peter; Miller, Ed; Thompson, Jenise; Munson, Clifford; Karas, Rebecca
Subject: Re: In the news...

Read the article. Agree - need to alert Glenn

Sent from NRC Blackberry
Nilesh
(b)(6)

From: Cook, Christopher
To: Bensi, Michelle; See, Kenneth; Caverly, Jill; Chokshi, Nilesh; Flanders, Scott; Chaput, Peter; Miller, Ed; Thompson, Jenise; Munson, Clifford; Karas, Rebecca
Sent: Mon Sep 17 07:40:11 2012
Subject: In the news...

For awareness...Huffington Post article from last Friday.

From: Karwoski, Kenneth
Sent: Monday, September 17, 2012 5:36 AM
To: Wilson, George; Cook, Christopher; Hiland, Patrick; Cheok, Michael
Subject: FW: Jocassee and Oconee

FYI.

Ken

From: William Allerton [mailto:william.allerton@ferc.gov]
Sent: Sunday, September 16, 2012 7:14 PM
To: Karwoski, Kenneth
Subject: Jocassee and Oconee

http://www.huffingtonpost.com/2012/09/14/flood-threat-nuclear-plants-nrc_n_1885598.html

Ken

I'm sending this to you in case you haven't seen above article.

Bill

William H. Allerton, P.E.
Director
Division of Dam Safety and Inspections
FERC/OEP
Office: 202-502-6025
Cell: (b)(6)

K129

Coe, Doug

From: Beasley, Benjamin
Sent: Tuesday, September 18, 2012 7:23 AM
To: Coe, Doug
Subject: RE: turnover items

Doug,

(b)(5)

Ben

From: Coe, Doug
Sent: Monday, September 17, 2012 5:56 PM
To: Beasley, Benjamin
Cc: Shaffer, Vered
Subject: turnover items

Ben,
It's dynamic, but.....

1. GI-204 screening report. Continue to follow. We probably need to craft some language regarding what we need to say (and can say) about the comments made in the article not being representative of the redacted text. Maybe that's all we need to say, but we'll need to address congressional and commission questions I'm sure.
2. Outside of Scope
3.
4.

Thanks for helping out.....
Doug

K130

Coe, Doug

From: Decker, David
Sent: Tuesday, September 18, 2012 12:59 PM
To: Beasley, Benjamin
Cc: Coe, Doug
Subject: RE: GI-204 Congressional Interest

Thanks Doug.

Ben,
As an FYI, here's what Rick Croteau just sent regarding the RII perspective on NRR POCs:

Jonathan Bartley is the BC here familiar with the Oconee issue. NRR needs to be in on the call as it involves licensing. John Boska is the NRR PM and Pat Hiland has been heavily involved from NRR DE.

David

From: Coe, Doug
Sent: Tuesday, September 18, 2012 12:06 PM
To: Decker, David; Beasley, Benjamin
Subject: Re: GI-204 Congressional Interest

Dave
Ben can help coordinate with nrr and nro and nsir as needed. He can explain. I am in charlotte for a meeting today and tomorrow. Ben is acting for me.

Sent from an NRC BlackBerry
Doug Coe
(b)(6)

From: Decker, David
To: Coe, Doug
Sent: Tue Sep 18 11:54:17 2012
Subject: FW: GI-204 Congressional Interest

Doug,
I just got Rich's "out of office" e-mail, so I'm sending this along to you. Any suggestions/input on this is much appreciated. Thanks.

David

From: David Decker
Sent: Tuesday, September 18, 2012 11:49 AM
To: Richard Correia; Rick Croteau
Subject: GI-204 Congressional Interest

Rich and Rick,
One of our House oversight staffers, Annie Caputo, asked for a briefing on the status of GI-204, with a mini-focus on what Oconee has done following the issuance of the GI. Annie is definitely responding to the recent press articles about this issue. What she is interested in is discussing what the current status of GI-204 is, and what Oconee has done following the issuance of the GI. She is meeting with Duke Energy today to get their input on the Oconee aspect. Also, the issue of redacting the July, 2011 report will come up, but I think that may be an NSIR issue(?), and I can contact them separately.

K/31

Rich – would you, or one or your staff be the right person to brief the current status of the GI?

Rick – would you, or one of your staff, be the right person to talk about what Oconee has done?

I've gone through the Comm Plans on this, and you both would be the right starting points for this, but if you think there is a better POC just let me know. Thanks!

David

Coe, Doug

From: Beasley, Benjamin
Sent: Tuesday, September 18, 2012 2:48 PM
To: Sheron, Brian
Cc: Coe, Doug
Subject: FW: GI-204 Redactions

Brian,

Below is an email from March that identifies interactions with other organizations. Also, this paragraph is a general description of the sensitivity of the redacted information:

(b)(5)

For your reference, here are links to the redacted and original reports:

ML113500495 is the redacted report

ML112430114 is the original

Ben

From: Beasley, Benjamin
Sent: Tuesday, March 06, 2012 8:16 AM
To: Chen, Yen-Ju
Cc: Rini, Brett
Subject: GI-204 Redactions

Yen,

As follow-up to our conversation yesterday, below is the content from 2 slides identifying the material we redacted from the public version of the GI-204 Screening Analysis.

Let me know if you need anything else.

Ben

Interactions with other agencies

- Permission obtained from USACE for use of National Inventory of Dams data
- Presentation at meeting of Interagency Committee on Dam Safety
- Contacts at USACE, Bureau of Reclamation, and FERC for awareness of screening analysis
- NSIR discussions with FERC regarding release of screening analysis
- RES discussions with DHS regarding release of screening analysis

K132

Redactions

- (b)(5)

Coe, Doug

From: Boska, John
Sent: Tuesday, September 18, 2012 4:18 PM
To: Decker, David; Cook, Christopher; Bartley, Jonathan
Cc: Beasley, Benjamin; Croteau, Rick; Coe, Doug; Pascarelli, Robert
Subject: RE: Congressional Interest in GI-204 and Oconee

David, I can participate with respect to Oconee specific information (b)(6) (b)(6) My understanding is that GI-204 has been subsumed into the Fukushima effort, so I think we need one of the JLD people assigned to flooding on the call. Maybe Bob Pascarelli could do it, or recommend someone.

John Boska
Oconee Project Manager, NRR/DORL
U.S. Nuclear Regulatory Commission
301-415-2901
email: john.boska@nrc.gov

From: Decker, David
Sent: Tuesday, September 18, 2012 4:04 PM
To: Boska, John; Cook, Christopher; Bartley, Jonathan
Cc: Beasley, Benjamin; Croteau, Rick; Coe, Doug
Subject: RE: Congressional Interest in GI-204 and Oconee

John, Chris and Jonathan,
One of our congressional oversight staffers, Annie Caputo, has asked for a briefing that touches on a couple areas related to GI-204. She is interested in a briefing that present the background for GI-204, and what the NRC has done on the flooding issue recently, discuss what actions Oconee has taken in response to the flooding issue, and learn more about what was redacted from the July, 2001 GI-204 report. Annie has had many briefings from the NRC, and has training as a nuclear engineer. I expect the briefing (hopefully to be done over the phone) would take about 45 minutes, and would be 25% GI-204 background, 25% what we've done since the start of the year, 30%what Oconee has done in response to the flood issue, and 20% the report redaction issue. Annie told me that she is being briefed today by Duke Energy on the Oconee aspect of this issue.

After talking with Ben, it looks like he would be the right person to cover the GI-204 background and the redaction issue.

John and Jonathan – would you be available to support talking about what Oconee has done in response to GI-204 to prepare for a potential flood?

Chris – would you be available to discuss the actions the NRC has been working on over the past 9 months or so related to regulatory work associated with dealing with external flooding?

David
OCA/415-1693

From: David Decker
Sent: Tuesday, September 18, 2012 2:26 PM
To: Rick Croteau; Jonathan Bartley
Cc: Doug Coe; Richard Correia; Benjamin Beasley
Subject: RE: GI-204 Congressional Interest

K133

Thanks Rick. I just spoke with Ben Beasley in RES about this issue (who can cover GI-204 background and the redaction issue), and he also recommended John Boska be on the phone. Ben also mentioned that it would be good to have Chris Cook from NRO to talk about the work that's been done over the past 9 months on external flooding issue. I'll touch base with John and Chris to start organizing the logistics of setting up a call with the staffer.

David

From: Croteau, Rick
Sent: Tuesday, September 18, 2012 12:11 PM
To: Decker, David; Correia, Richard
Cc: Bartley, Jonathan
Subject: RE: GI-204 Congressional Interest

Jonathan Bartley is the BC here familiar with the Oconee issue. NRR needs to be in on the call as it involves licensing. John Boska is the NRR PM and Pat Hiland has been heavily involved from NRR DE. RII did not do the redacting, so we are not all that much help there.

From: Decker, David
Sent: Tuesday, September 18, 2012 11:49 AM
To: Correia, Richard; Croteau, Rick
Subject: GI-204 Congressional Interest

Rich and Rick,
One of our House oversight staffers, Annie Caputo, asked for a briefing on the status of GI-204, with a mini-focus on what Oconee has done following the issuance of the GI. Annie is definitely responding to the recent press articles about this issue. What she is interested in is discussing what the current status of GI-204 is, and what Oconee has done following the issuance of the GI. She is meeting with Duke Energy today to get their input on the Oconee aspect. Also, the issue of redacting the July, 2011 report will come up, but I think that may be an NSIR issue(?), and I can contact them separately.

Rich – would you, or one or your staff be the right person to brief the current status of the GI?

Rick – would you, or one of your staff, be the right person to talk about what Oconee has done?

I've gone through the Comm Plans on this, and you both would be the right starting points for this, but if you think there is a better POC just let me know. Thanks!

David

Pohida, Marie

From: Mitman, Jeffrey
Sent: Thursday, September 20, 2012 8:38 AM
To: Pohida, Marie
Subject: FW: Inadequately Sized Flood Wall at Oconee Nuclear Station Could Lead to Fukushima Scenario in the Event of a Failure of the Lake Jocassee Dam
Attachments: Jocassee Dam Failure Concerns.pdf; References.pdf

publicly available as ML13256A372	publicly available as ML081640244 and ML12363A132

FYI

Jeff Mitman

From: Criscione, Lawrence
Sent: Tuesday, September 18, 2012 7:25 PM
To: Macfarlane, Allison; clerner@osc.gov; Bell, Hubert; Lee, David; Zobler, Marian; Wiggins, Jim
Cc: matt_buckham@demint.senate.gov; homeland.security@mail.house.gov; michael.kiko@mail.house.gov; peter.spencer@mail.house.gov; valerie_manak@epw.senate.gov; nathan_mccray@epw.senate.gov; devon.hill@mail.house.gov; gracela.tatane@mail.house.gov; stephen.salsbury@mail.house.gov; jim_mcgee@hsgac.senate.gov; marty.gelfand@mail.house.gov; vic.edgerton@mail.house.gov; michal.freedhoff@mail.house.gov; Bernhard, Rudolph; Ferrante, Fernando; Hanna, John; Kanney, Joseph; Kozak, Laura; Loveless, David; Marksberry, Don; Mitman, Jeffrey; Passehl, Dave; Schmidt, Wayne; Vaughn, Stephen; Wood, Jeffery; Zoulis, Antonios; Galloway, Melanie; Glitter, Joseph; Leeds, Eric; Wilson, George; Perkins, Richard; Bensi, Michelle; Philip, Jacob; Sancaktar, Selim; Ottenberg, Geoffrey; Ellis, Kevin; Beasley, Benjamin; Demoss, Gary; Coyne, Kevin; Coe, Doug; Correia, Richard
Subject: Inadequately Sized Flood Wall at Oconee Nuclear Station Could Lead to Fukushima Scenario in the Event of a Failure of the Lake Jocassee Dam

Chairman Macfarlane,

Please see the attached letter. I apologize for its length but it is written for a broad audience and concerns some technically complex issues with six years of regulatory background.

The risk that a core meltdown will occur at the Oconee Nuclear Station (ONS) is ten times greater than at similarly designed US reactor plants and the risk of a containment breach leading to significant public dose is 500 times greater.

ONS lies eleven miles downstream of the Lake Jocassee Dam. Since 2006 the NRC has known of a harrowing liability: a failure of Jocassee Dam would lead to all three reactors at ONS melting down within 10 hours and a potential breach of the containment buildings within 68 hours. This is very similar to the events which occurred at Fukushima Dai-ichi in 2011.

I am not directly involved with this issue. My involvement stems from concerns of a co-worker that serious safety concerns regarding ONS are being illegally withheld from the public under the guise of "Security-Related Information". My knowledge of this issue comes entirely from a cursory review of documents in ADAMS. From that review it is clear that:

- Despite knowing about the significant risk posed by a failure of Jocassee Dam since 2006, no efforts have yet been taken to substantially lower those risks. Although interim actions are being taken at Duke Energy, they are not of a nature that significantly lowers the risks to a par with typical US reactor plants.
- Most of the documents pertaining to this safety concern are not publicly available due to being stamped "Security-Related Information". However, none of these documents discuss security topics at all. Terrorism, sabotage, vandalism or any other intruder or insider threat are not mentioned. These documents deal wholly with the failure of Jocassee Dam due to natural phenomena or latent engineering/construction flaws.

K134

- The annual risk of core damage at ONS is on the order of 1E-4/year and the annual risk of core damage followed by containment failure is on the order of 1E-5/year.

The items below are also apparent from the documents I have reviewed, although it is possible these items have been done and I have merely not located the documents affirming them:

1. After six years, the NRC does not have an accurate risk model of ONS which takes into account the liabilities posed by a failure of Jocassee Dam.
2. After six years, the NRC does not have an accurate assessment of the probability that ONS operators can prevent a containment failure in the 49 to 58 hours between the recession of the flood waters and the failure of the containment structures.
3. The original due date for constructing adequate flood protection was November 30, 2011. After the Fukushima Dai-ichi accident, instead of being prioritized this due date has been extended to 2016. That's ten years after we first became aware of the liability.

Please note that the above three items are conjecture on my part as I have not been involved in any of the NRC discussions concerning this issue and it is likely there are many documents in ADAMS which I failed to find and review. However, from the documents I have reviewed, it is apparent to me that the above statements are true. The technical staff involved in this issue (i.e. whose names appear on the ADAMS documents) are Eric Leeds, Joseph Glitter, Melanie Galloway, George Wilson, Jeff Mitman as well as others. I have not spoken to any of these people other than Jeff Mitman and my short conversation with Jeff last Thursday was merely to get an understanding of the current status of the Jocassee Dam/ONS flood protection issue (i.e. I didn't want to bother writing to you if they have broken ground and actually started installing adequate flood protection). These individuals should be able to inform you of the specifics of the Jocassee Dam issue. I have copied them on this email and encourage them to inform you of any items in my letter which are not accurate. It is not my intent to misrepresent anybody, but being an outsider on this issue it is possible that I have.

The purpose of the attached letter is to (1) bring to your attention the issues regarding Jocassee Dam, (2) inform our congressional oversight committees of concerns I have that the NRC is not addressing the liabilities at ONS in a timely manner, and (3) bring to your attention that I support Richard Perkins' allegation that the issues surrounding Jocassee Dam have been inappropriately categorized as "Security-Related Information".

Although as an agency we tend to refer to them in the same breath, security and safety are separate issues. All manmade structures, no matter how well built, can be destroyed by some level of terrorist action if left unprotected. The solutions to terrorist threats are security measures that assess the credible threat and that guard access to critical areas sufficient to the assessed threat level. Construction margins and "defense-in-depth" modifications are the solutions to safety concerns not security concerns. The issues regarding Jocassee Dam are about construction margins – that is, is the dam constructed to typical margins (supporting a 2.8E-4/year failure rate) or to some type of exceptional margins. They have nothing to do with the necessity of whether or not security measures need to be taken to avert a terrorist threat. If the fact that ONS lies 11 miles downstream of Jocassee Dam makes it a security liability, then separate from the safety concerns discussed in my letter the NRC and the Department of Homeland Security need to secretively address security measures to protect the dam. After six years it is unacceptable to withhold vital safety liabilities from public disclosure solely because there may have been a possibility of a security threat. If there is a security vulnerability, then I would hope that it was addressed within months of us becoming aware of this issue in 2006. If anyone within the NRC believes there is still an unaddressed security liability, then separate from the safety solutions (e.g. building an adequately sized flood wall) the NRC should be ensuring that appropriate protective measures are in place to protect Jocassee Dam – merely withholding basic information regarding nuclear safety from public view is not the way to address a security threat.

V/r,

Lawrence S. Criscione, PE

NRC/RES/DRA/OEGIB

(b)(6)

Coe, Doug

From: Beasley, Benjamin
Sent: Friday, September 21, 2012 3:34 PM
To: Coe, Doug
Subject: FW: Details for Monday's Call With Congressional Staffers

I forwarded this to Diane Jackson but should have copied you also.

Ben

From: Decker, David
Sent: Thursday, September 20, 2012 11:18 AM
To: Beasley, Benjamin; Bartley, Jonathan; Cook, Christopher; Boska, John
Subject: Details for Monday's Call With Congressional Staffers

All,
Thanks again to everyone for supporting the phone call with Annie Caputo and Peter Spencer (both are majority staffers on the House Committee on Energy and Commerce) next Monday morning at 10am. The briefing should take about 45 minutes, depending on the number of questions the staffers have.

The O14-F3 conference room has been reserved for our use (for those of us at HQ who want to be together to make the call), and the bridge-line number that we will use to call is:

Phone number: 888-989-3417
Password: (b)(6)

I don't believe we need to have slides to send to Annie and Peter, but slides would be great to speak from (and would be available to send to Annie and Peter if they wanted them). Annie is trained as a nuclear engineer, and is very familiar with the NRC and how we regulate. She also understands the issues pretty quickly, so the discussion doesn't have to start from the very basics My suggestion for the order to brief Annie and Peter would be:

Ben – cover the GI-204 background (10 minutes)
Chris – cover the post GI-204 actions (10 minutes)
John/Jonathan – cover what Oconee has done in response to flood issue (10 minutes)
Ben – report redaction issue (10 minutes)

Thanks again for your support! Just let me know if you have any questions.

David

From: David Decker
Sent: Wednesday, September 19, 2012 1:58 PM
To: Benjamin Beasley; Jonathan Bartley; Christopher Cook; John Boska
Cc: Powell, Amy; Schmidt, Rebecca; Kennedy, Silas; Riley (OCA), Timothy
Subject: RE: Update on GI-204 and Oconee Brfg

I just heard back from Annie that the best time for them would be next Monday (9/24) at 10am.

Chris - I know this isn't the ideal time for you, and I appreciate your being able to support this time.

I will set up a bridge line for us to use, and an meeting room that those of us at HQ can use. I'll send along those details as soon as I have them.

K/35

David

From: Decker, David
Sent: Wednesday, September 19, 2012 11:47 AM
To: Beasley, Benjamin; Cook, Christopher; Boska, John; Bartley, Jonathan
Cc: Powell, Amy; Schmidt, Rebecca
Subject: Update on GI-204 and Oconee Brfg

I just heard back from the staffer, Annie Caputo, and the co-worker who would be at the briefing as well, that tomorrow unfortunately does not work for them. However, they are fine with looking at scheduling the briefing for some time next week. In reviewing our schedules, it looks like next Monday (9/24) between 10-12 noon might be a possibility if Chris has flexibility in a conflict at this time, and if Jonathan has flexibility with his 9:15-10:15am mtg.

Otherwise, it looks like next Thursday (9/27) morning might work, or possibly 3-4pm that day as well.

Sorry for the moving target on this one, but if you could let me know if next Monday would work, I'll try to set this up with Annie. Thanks again for your help in supporting this briefing.

David

From: David Decker
Sent: Wednesday, September 19, 2012 10:22 AM
To: Benjamin Beasley; Christopher Cook; John Boska; Jonathan Bartley
Subject: GI-204 and Oconee

Ben, Chris, John and Jon,
Firstly, thanks very much for supporting my efforts to set up a briefing for Annie Caputo from our House oversight committee. The GI-204 and Oconee issue has definitely been in the news a lot over the past couple days, and getting to talk to Annie will be a good thing. If we can do the briefing this week, it would best for Annie. I have asked her if we can do this over the phone since there are many schedules involved, and the travel time to the Hill would make an in-person briefing difficult to schedule. Hopefully she will agree.

I've look at our schedules and it appears that tomorrow at 10am might work, although Jonathan has a 9:15-10:15am item. Jon – would it be possible to leave your 9:15am a few minutes early to start a call at 10am? If so, I think the rest of us are available from 10-11am to call Annie. I'll set up the bridge line for us to use, if that time works.

All – please let me know if tomorrow at 10-11am tomorrow (Thursday, 9/20) will work. If it does, I will see if that works for Annie. Once we get a date/time I will send out a scheduler and talk more about logistics (who will cover what, and in what order...).

Thanks again for your help on setting this up.

David