Group R

FOIA/PA NO: 2014-0027

RECORDS BEING RELEASED IN THEIR ENTIRETY

Perkins, Richard

From: Pohida, Marie
Sent: Friday, April 29, 2011 8:14 AM
To: Perkins, Richard
Subject: RE: Panel Briefing

Good Morning Richard

Thank you for the updated slides.

Marie

From: Perkins, Richard
Sent: Thursday, April 28, 2011 6:54 PM
To: Pohida, Marie
Subject: Panel Briefing

Marie,

Attached are the slides I intend to present tomorrow morning.

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

R/2

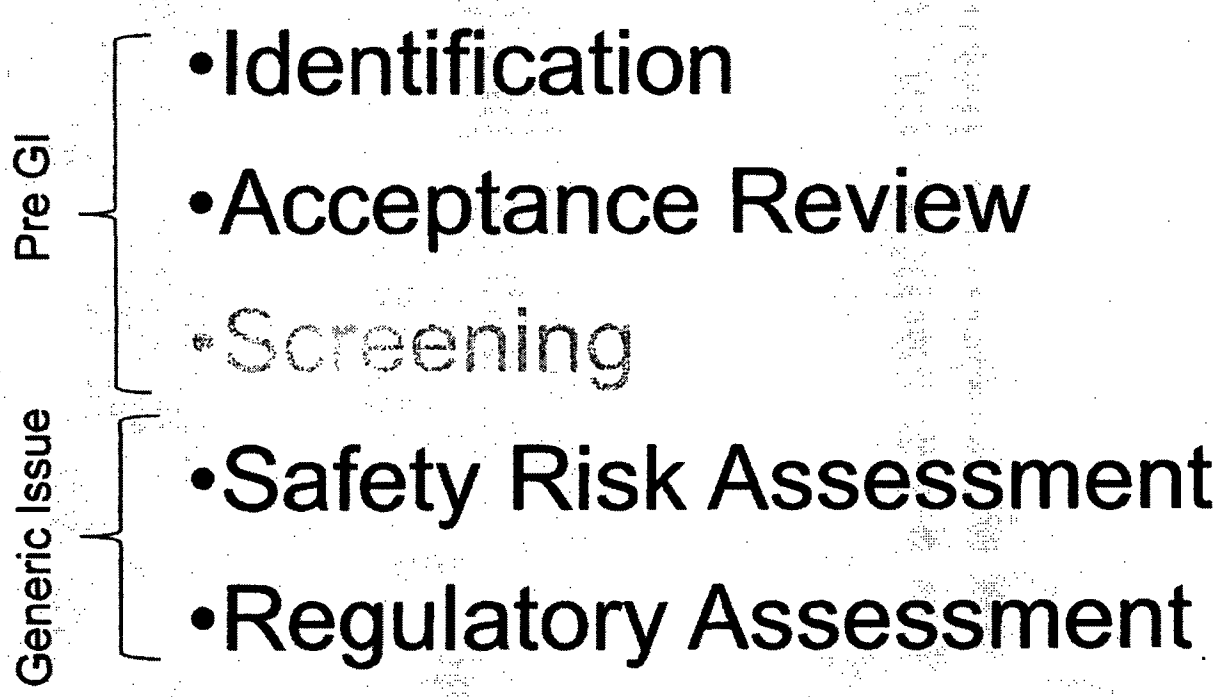
Analysis of the Proposed Generic Issue on Flooding of Nuclear Power Plant Sites Following Upstream Dam Failures

Richard Perkins

Office of Nuclear Regulatory Research
Division or Risk Analysis
Generic Issues and Operational Experience Branch

Visit our intranet website at
http://www.internal.nrc.gov/RES/projects/GIP

STAGES


Pre GI
Generic Issue
•Identification
•Acceptance Review
•Screening
•Safety Risk Assessment
•Regulatory Assessment

WHAT IS SPECIAL ABOUT A GENERIC ISSUE?

- The term "Generic Issue" is an official designation and conveys special recognition and treatment of the issue
- The issue description and its progress will be documented in NUREG 0933 – the purpose of which is to drive "... the timely and efficient allocation of NRC resources for the resolution of those safety issues..."
- The status of all active Generic Issues is provided in a report to Congress every six months
- The status of all active Generic Issues is reported in a public document every 90 days.
- 10CFR52.47(a)(21) requires license applications to address (propose a technical resolution for) any issue that has been listed in NUREG 0933 for more than 6 months prior to the docket date of the application and which are technically relevant to the design.
- Visibility and regular reporting requirements make resolution of the issue extremely likely.

The Generic Issue Criteria:

1 – The issue affects public health and safety, the common defense and security, or the environment

2 – The issue applies to two or more facilities and/or licensees/certificate holders, or holders of other regulatory approvals

3 – The issue cannot be readily addressed through other regulatory programs and processes; existing regulations, policies, or guidance; or voluntary industry initiatives

4 – The issue can be resolved by new or revised regulation, policy, or guidance

5 – The issue's risk or safety significance can be adequately determined (i.e., it does not involve phenomena or other uncertainties that would require long-term studies and/or experimental research to establish the risk or safety significance)

6 – The issue is well defined, discrete, and involves a radiological safety, security, or environmental matter

7 – Resolution of the issue may potentially involve review, analysis, or action by the affected licensees, certificate holders, or holders of other regulatory approvals

NATURE OF A SCREENING ANALYSIS

- The strategy of the approach may vary depending on the character of the proposed issue
- The analysis is necessarily and appropriately abridged at the screening stage
- The depth and the direction of the analysis can be driven by the availability of data
- The quality of the data is "best available"
- Judgment is used in the interpretation of data
- Data is utilized if it is considered representative
- Analysis shall not be stymied by missing, unavailable, or conflicting data

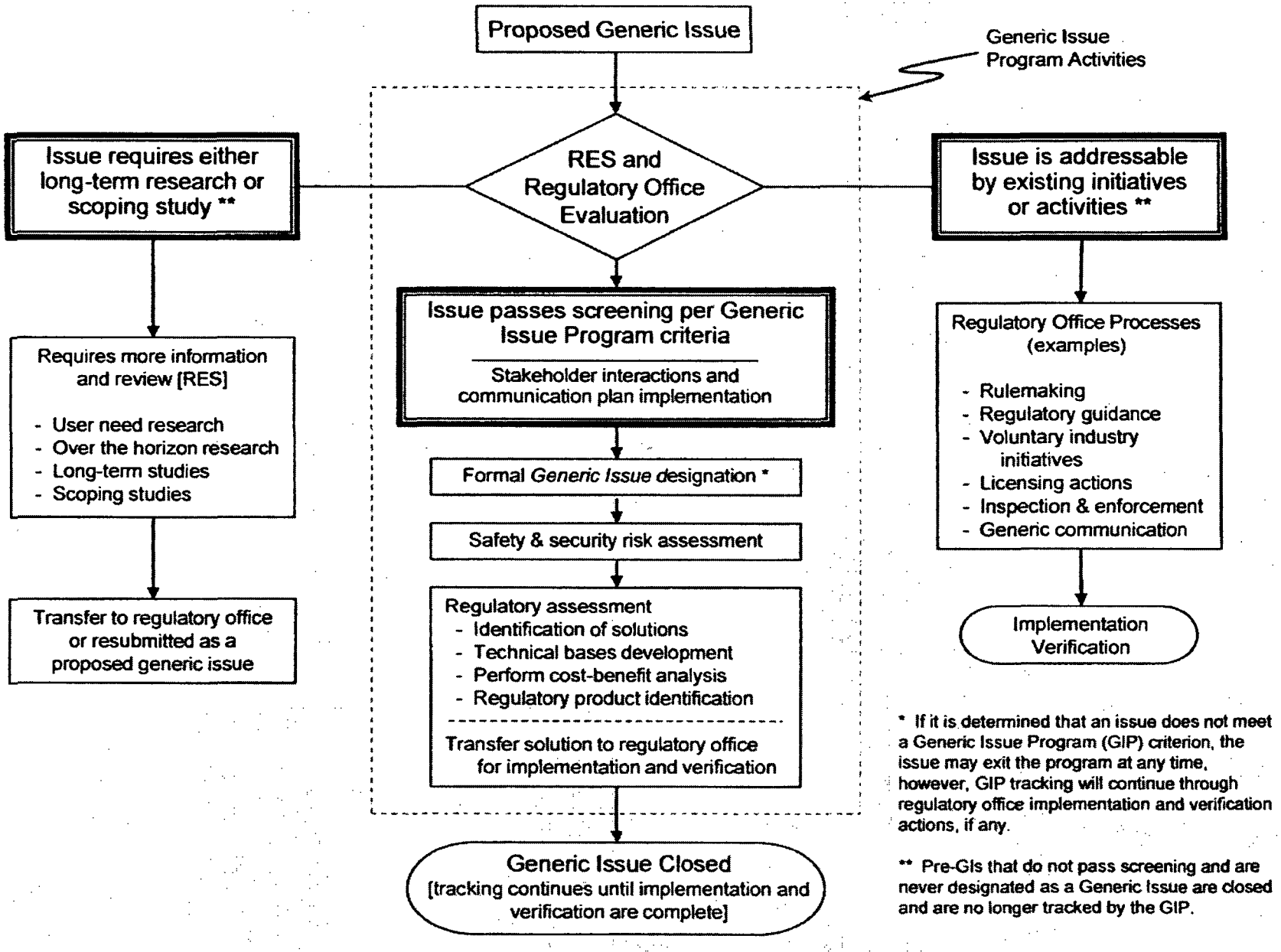
Not in Scope

- Downstream dam failures as the initiating event

Within Scope but not Significantly Addressed in the Screening Analysis

- Silting
- Debris
- Dynamic water
- Physical strength of flood barriers
- Flood barrier integrity/porosity

Generic Issue Program in Perspective With Other Regulatory Programs and Processes



* If it is determined that an issue does not meet a Generic Issue Program (GIP) criterion, the issue may exit the program at any time, however, GIP tracking will continue through regulatory office implementation and verification actions, if any.

** Pre-GIs that do not pass screening and are never designated as a Generic Issue are closed and are no longer tracked by the GIP.

What Happens Next?

- A consensus decision is preferred
- Screening analysis report will become final
- Additional meetings and coordination as required
- RES/OEGIB can provide support in developing a transmittal memorandum
- Screening is complete

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United States Nuclear Regulatory Commission

Protecting People and the Environment

Pre-GI-009 Internal Panel Briefing

Summary of Screening Analysis

Richard Perkins, Michelle Bensi
Jacob Philip, Selim Sancaktar

Office of Nuclear Regulatory Research

April 29, 2011

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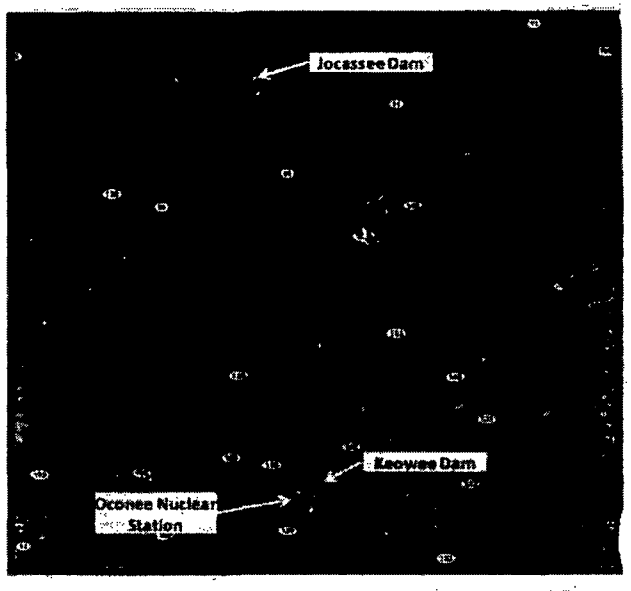
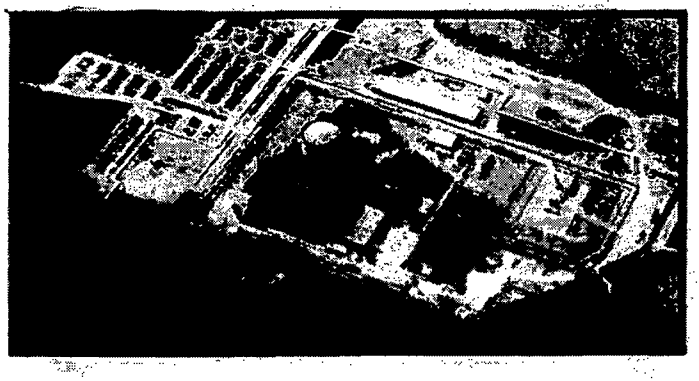
Summary of Pre-GI-009 Screening Analysis

- Topic:
  Effects of external flooding due to upstream dam failures on NPP

- Catalysts:
  - Recent experience at Oconee & Fort Calhoun
  - Ambiguous regulatory guidance
  - Inconsistent estimates of dam failure probability





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Summary of Pre-GI-009 Screening Analysis

- General characteristics:
  - Proposal of issue not driven by
    - Generic changes in data/scientific understanding
    - Regulatory changes
  - Significant differences between the plants

    ⇒ No consistent hazard definition

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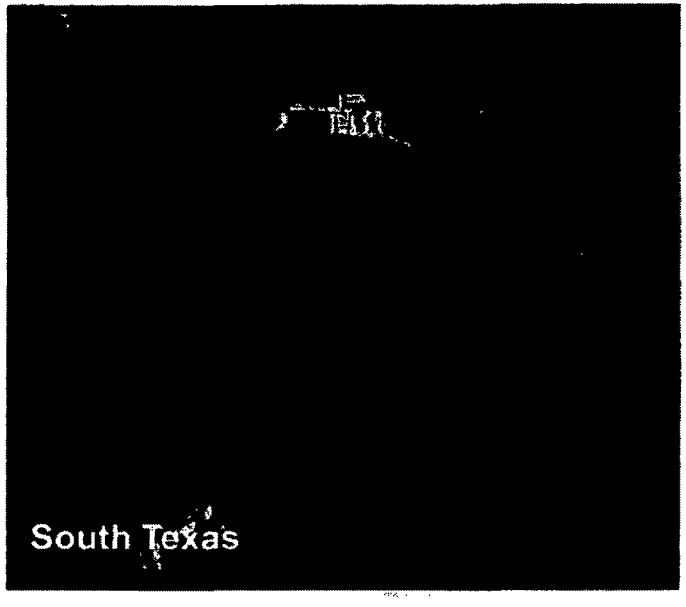
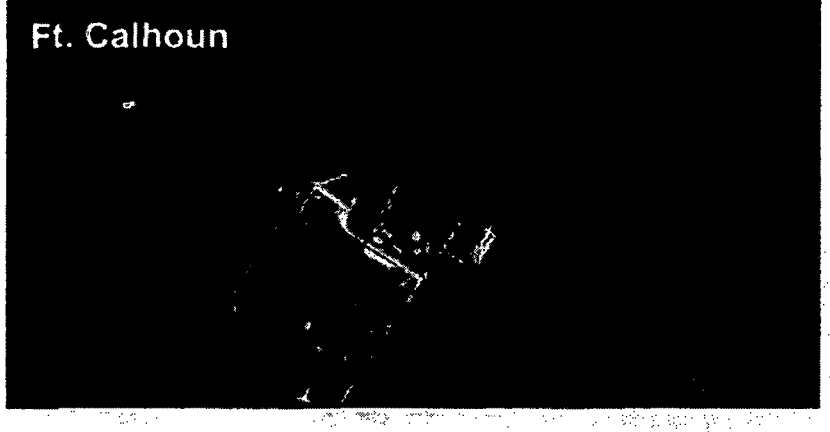
Summary of Pre-GI-009 Screening Analysis

Differences in adjacent water source





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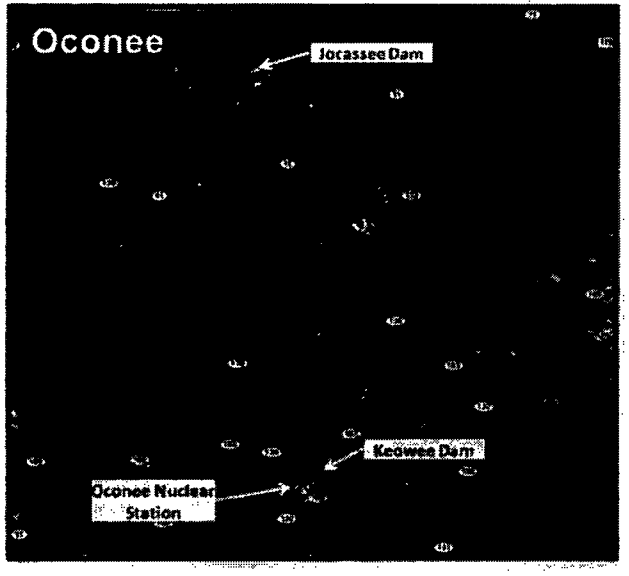
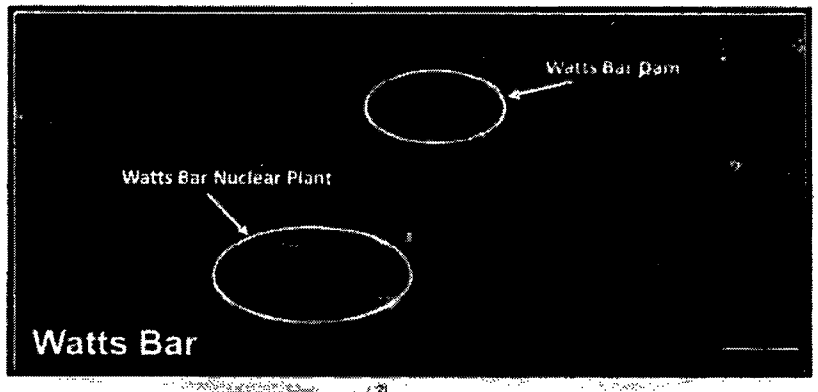
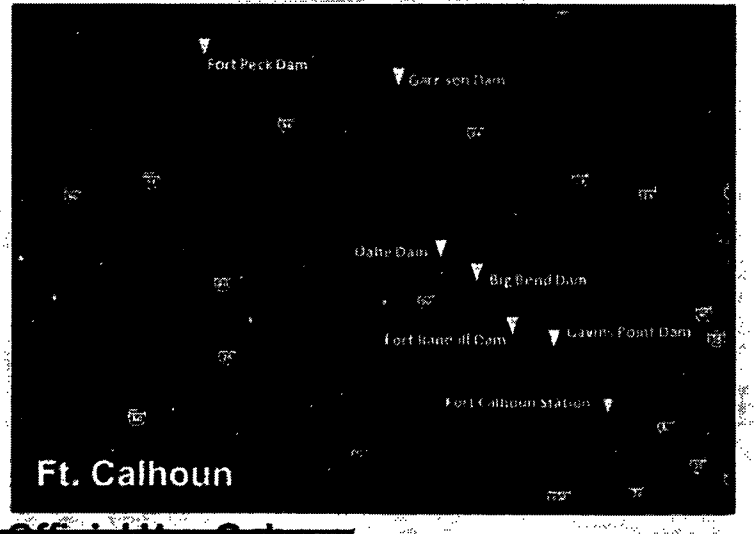
Summary of Pre-GI-009 Screening Analysis

Differences in site-to-dam distance







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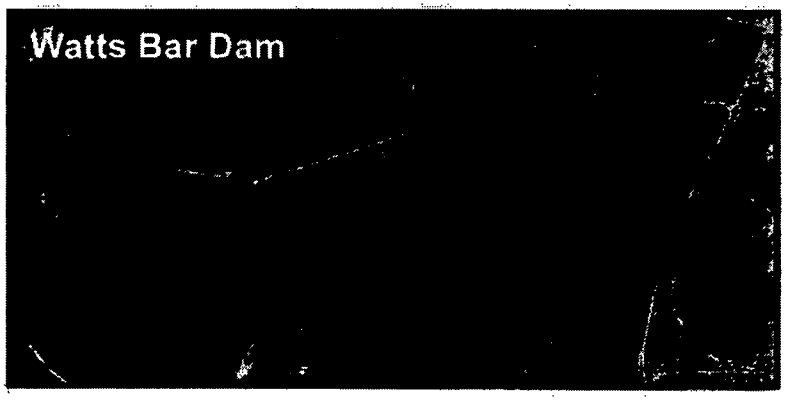
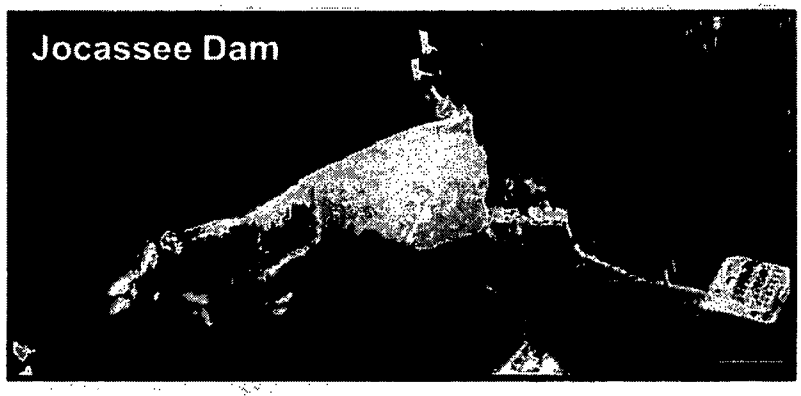
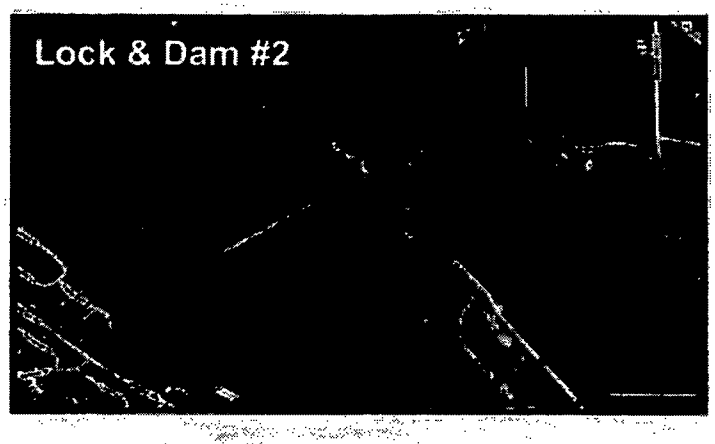
Summary of Pre-GI-009 Screening Analysis

Differences in dam characteristics







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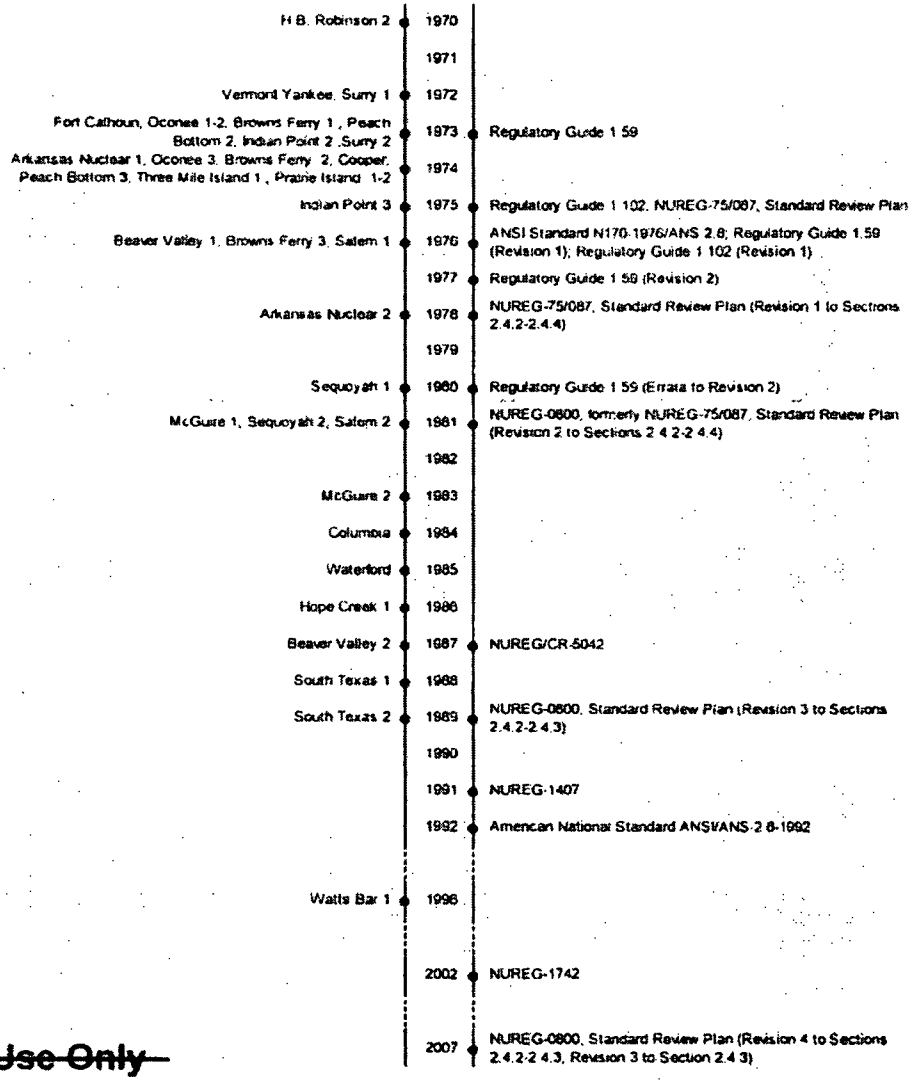
Summary of Pre-GI-009 Screening Analysis

- General outcomes:
  - Observed changes in regulatory framework



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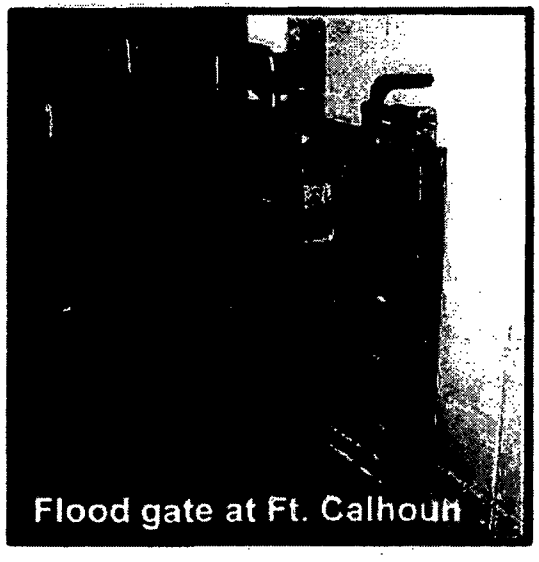
Summary of Pre-GI-009 Screening Analysis

- General outcomes:
  - Observed commonalities between ONS/FCS and other plants
    - (1) Reliance on procedures

      E.g.
      - Sandbags
      - Temporary connections
      - Floodgates
      - Hatches
      - Plugs


Flood gate at Ft. Calhoun

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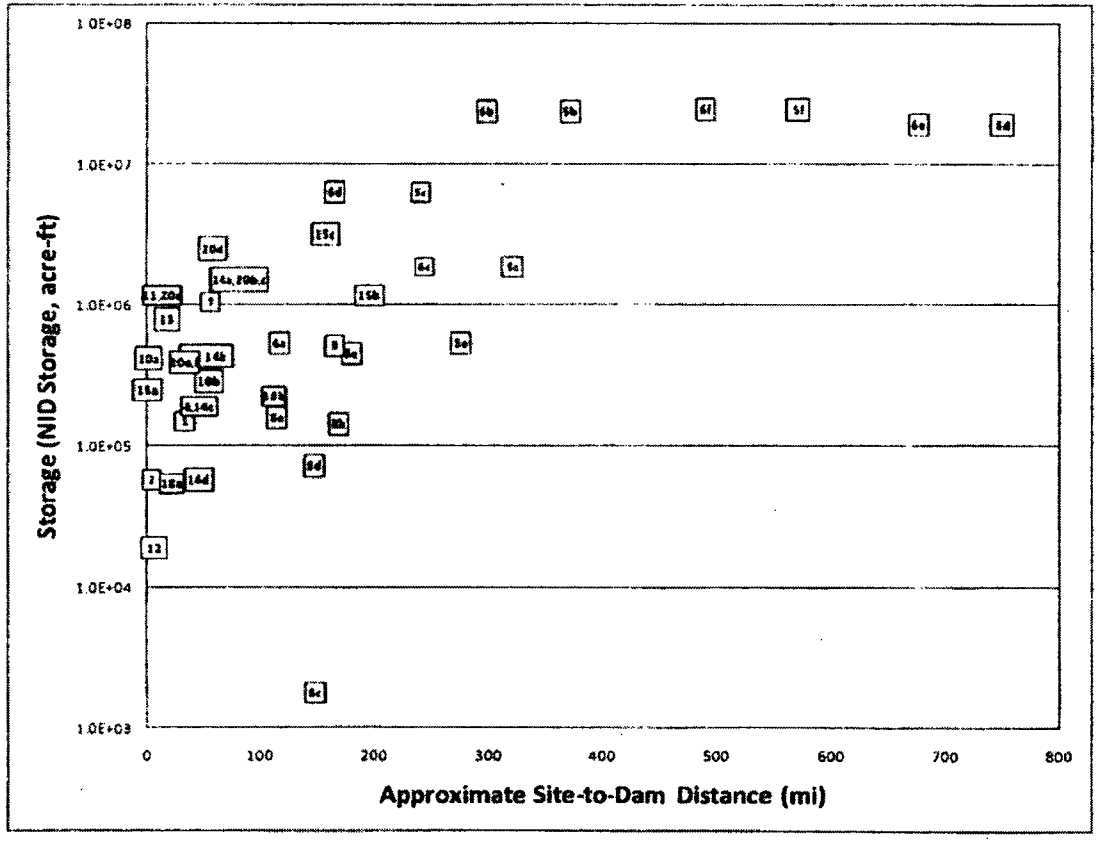
Summary of Pre-GI-009 Screening Analysis

(2) Distance to upstream dams of similar capacity



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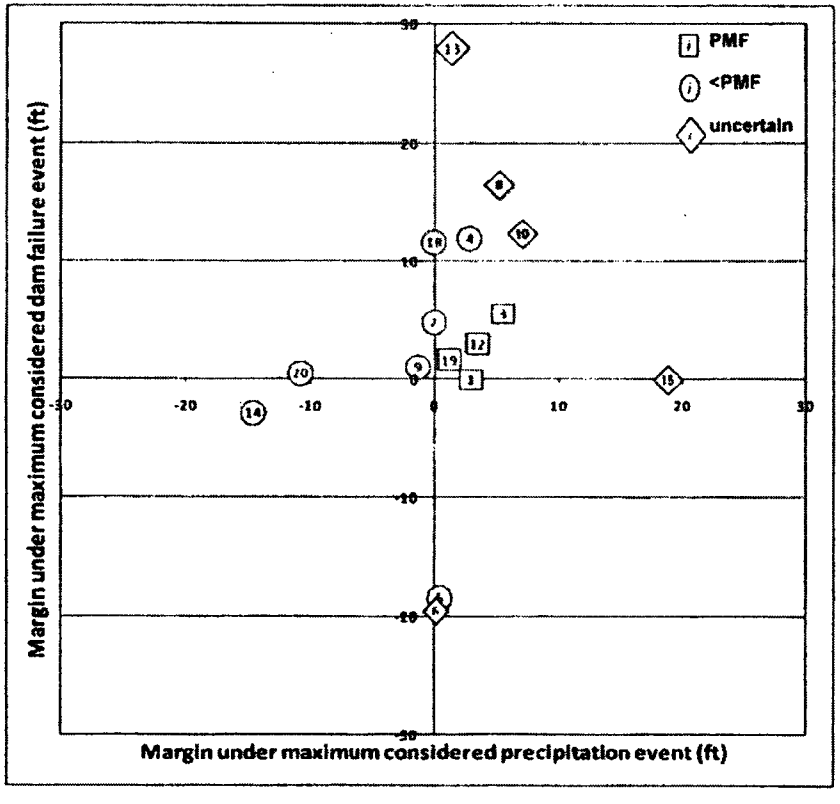
Summary of Pre-GI-009 Screening Analysis

(3) Small margins (sensitivity to changes in estimates)



Index	Plant
1	Arkansas Nuclear
2	Beaver Valley
3	Browns Ferry
4	Columbia
5	Cooper
6	Fort Calhoun
7	H.B. Robinson (data not available)
8	Hope Creek
9	Indian Point
10	McGuire
11	Oconee (data not available)
12	Peach Bottom
13	Prairie Island
14	Sequoyah
15	South Texas
16	Surry (data not available)
17	Three-Mile Island (data not available)
18	Vermont Yankee
19	Waterford
20	Watts Bar

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Summary of Pre-GI-009 Screening Analysis

- Current status
  - Screening analysis and draft report completed
  - Analysis team suggests designation as a Generic Issue
  - Screening panel (NRR, NRO, NMSS) is reviewing analysis and will recommend next step for RES OD approval

Perkins, Richard

From: Siu, Carolyn
Sent: Friday, May 13, 2011 9:38 AM
To: Perkins, Richard
Subject: RE: Package for Rich Correla's Signature

ML111330188

I am going to wait until this comes back from the tech editor before I print it.

CAROLYN SIU
301-251-7568

From: Perkins, Richard
Sent: Thursday, May 12, 2011 2:26 PM
To: Siu, Carolyn
Subject: Package for Rich Correla's Signature

Hi Carolyn,

The attachments contain Official Use Only

Could you please prepare the attached package (OUO). Please place myself, Ben Beasley, and Doug on coordination.

Thanks,

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

R/3

Perkins, Richard

From: Coe, Doug
Sent: Thursday, June 30, 2011 4:24 PM
To: Wilson, George
Cc: Hiland, Patrick; Correia, Richard; Ibarra, Jose; Perkins, Richard; Kauffman, John; Stapleton, Bernard; Holahan, Patricia
Subject: NSIR review of pre-GI pertaining to dam failure
Attachments: Re: review request; ADAMS Document.ADC

George,
Per our telecon discussion, I'm forwarding the attached draft pre-GI panel report and the response we received from NSIR regarding its public releaseability.

Before we send this report to Director, RES, for approval, we want to ensure that NRR and RES are fully aligned with NSIR's recommendation that no sensitivity markings are needed (and therefore the report can be handled in an uncontrolled manner, i.e. publically).

I appreciate your offer to engage the panel Chairman on this point (Bill Ruland).

Please let us know at your earliest convenience if you have any questions or concerns.

Thanks very much,
Doug

Doug Coe
Deputy Director
Division of Risk Analysis (DRA)
Office of Nuclear Regulatory Research (RES)
U.S. Nuclear Regulatory Commission
Rockville, MD
301-251-7914
doug.coe@nrc.gov

R/5

From: Correia, Richard
Sent: Thursday, June 30, 2011 2:53 PM
To: Stapleton, Bernard; Holahan, Patricia; Westreich, Barry; Coe, Doug; Beasley, Benjamin; Kauffman, John
Cc: Norman, Robert
Subject: Re: review request

Thank you Bern for the requested information, advice and quick response. We will proceed as an uncontrolled document.
Regards
Rich
Richard Correia, Director
Division of Risk Analysis
RES

Sent from a Blackberry

From: Stapleton, Bernard
To: Holahan, Patricia; Correia, Richard; Westreich, Barry
Cc: Norman, Robert
Sent: Thu Jun 30 14:30:00 2011
Subject: RE: review request

Trish/Rich

Have spoken with RES on this issue several times (Beasley). All other times, it has been considered UNCONTROLLED unless the originating office wants it marked as OUO. Placed a call to FERC to ensure that information they have marked as CII on dam failures can be released as uncontrolled when documented by NRC officials. FERC has indicated over the phone that they do not have a problem with us issuing our own document and not calling it CII. The kicker would be if NRC copied FERC documents marked as CII and wanted to decontrol. I was waiting for an email to confirm same from last week but have not received it.

The position taken by RES in their document is sound and supports an uncontrolled, publicly available document. The SGI Designation Guide also supports this rationale since there is no mention of any security scenarios (document is a pure engineering and safety analysis that was not conducted as a result of a terrorist scenario – i.e., world trade center aircraft attack).

NOT Safeguards Information. If RES wants to release this as an UNCONTROLLED document, I have no objection and this has been confirmed with FERC as well (even though they mark such information as Critical Infrastructure Information).

Bern

From: Holahan, Patricia
Sent: Thursday, June 30, 2011 2:10 PM
To: Correia, Richard; Westreich, Barry; Stapleton, Bernard
Subject: Re: review request

Yes, I gave it to Bern. Bern - what's the status?

From: Correia, Richard
To: Holahan, Patricia; Westreich, Barry; Stapleton, Bernard
Sent: Thu Jun 30 09:44:18 2011
Subject: review request

Trish, Barry, Bern,

Greeting from Church St. Hope all is well in NSIR.

A couple of weeks ago we sent DSO a request for review of a possible generic issue on dam failure. We were looking for DSO's insights on whether the document(s) related to this effort should be considered OUO Security related information. Any idea when we might hear back on this request?

Thanks and happy Forth and happy Canada (Birthday) Day!

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

richard.correia@nrc.gov

Perkins, Richard

From:	Siu, Carolyn
Sent:	Thursday, July 14, 2011 2:45 PM
To:	Ruland, William
Cc:	Perkins, Richard; Littlejohn, Jennene
Subject:	Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Attachments:	ADAMS Document.APK Final version released as ML113260158

Good afternoon,

The subject package has been sent to everyone on the concurrence list, with concurrence requested by tomorrow. You will receive an email from Richard Perkins when the memo is ready for signature; in the meantime, this is just a heads-up. Thanks!

Carolyn Siu

Fiction reveals truths that reality obscures.
Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R17

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, July 14, 2011 4:59 PM
To: Schmidt, Wayne
Cc: Bensi, Michelle
Subject: FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Attachments: ADAMS Document.APK Final version released as ML113260158
Importance: High

Wayne,

Shelby Bensi said you would like to see a copy of this memo currently in coordination.

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

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Importance: High

Good afternoon,

Attached please find for your review and concurrence a memo regarding the Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure. We apologize for the urgent turnaround, but are requesting your concurrence by no later than 9:00 a.m. tomorrow, July 15, 2011. Please direct your concurrences to Carolyn Siu, Richard Perkins, and Jennene Littlejohn. If you have any questions or comments, please contact Richard Perkins at 301-251-7479.

Carolyn Siu
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Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R/8

Perkins, Richard

From:	Perkins, Richard
Sent:	Tuesday, July 19, 2011 3:53 PM
To:	Schwarz, Sherry
Subject:	FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Attachments:	ADAMS Document.APK Final version released as ML113260158
Importance:	High

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
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Carolyn Siu
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Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R/9

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, July 21, 2011 10:00 AM
To: Bensi, Michelle
Subject: FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Attachments: ADAMS Document.APK Final version released as ML113260158
Importance: High

FYI

From: Perkins, Richard
Sent: Thursday, July 21, 2011 10:00 AM
To: Schwarz, Sherry
Subject: FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Importance: High

Good Morning Sherry,

Any update on this concurrence request? NRR is the only remaining concurrence on this package.

Thanks,
Richard Perkins
301-251-7479

From: Perkins, Richard
Sent: Tuesday, July 19, 2011 3:53 PM
To: Schwarz, Sherry
Subject: FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Importance: High

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
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Good afternoon,

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R/10

Carolyn Siu

Fiction reveals truths that reality obscures.
Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

Perkins, Richard

From: Siu, Carolyn
Sent: Thursday, July 21, 2011 4:33 PM
To: Bensi, Michelle
Cc: Perkins, Richard; Kauffman, John; Littlejohn, Jennene
Subject: RE: document for entry into ADAMS

ML112020629

CAROLYN SIU
301-251-7568

From: Bensi, Michelle
Sent: Thursday, July 21, 2011 4:23 PM
To: Siu, Carolyn
Cc: Perkins, Richard; Kauffman, John; Littlejohn, Jennene
Subject: document for entry into ADAMS

Carolyn,

Please enter the attached document into ADAMS.
All NRC users should have viewer rights.
Owners (check in/out privileges) should be limited to Richard Perkins, John Kaufmann, and Michelle Bensi

Thanks!

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

R/11

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, July 27, 2011 8:48 AM
To: Schwarz, Sherry
Subject: FW: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Attachments: ADAMS Document.APK Final version released as ML112201350
Importance: High

Good Morning Sherry,

Just checking on the status. Any update on this concurrence request? NRR is the only remaining concurrence on this package.

Thanks,
Richard Perkins
301-251-7479

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Importance: High

Good afternoon,

Attached please find for your review and concurrence a memo regarding the Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure. We apologize for the urgent turnaround, but are requesting your concurrence by no later than 9:00 a.m. tomorrow, July 15, 2011. Please direct your concurrences to Carolyn Siu, Richard Perkins, and Jennene Littlejohn. If you have any questions or comments, please contact Richard Perkins at 301-251-7479.

Carolyn Siu
Fiction reveals truths that reality obscures.
Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R/12

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, July 27, 2011 2:20 PM
To: Compton, Keith
Subject: Keith - please send me a concurrence e-mail. Thanks
Attachments: ADAMS Document.APK Final version released as ML112201350

Importance: High

Keith,

Could you please send me an e-mail saying you concur with the attached package. We just need a clean e-mail for the record.

Thanks,
Richard Perkins

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
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Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R/13

Perkins, Richard

From:	Kauffman, John
Sent:	Tuesday, August 09, 2011 12:40 PM
To:	Ruland, William; Cohen, Shari
Cc:	Wilson, George; Perkins, Richard
Attachments:	ML111890588.APK Final version released as ML112201350

Bill, Shari,

George Wilson asked me to send you the latest version of the dam failure panel memo. The attached package has both the memo and the screening analysis.

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

John V. Kauffman
Acting Chief, Operating Experience and Generic Issues Branch
US NRC/RES/DRA
Washington, DC 20555 Mail Stop: C-2A07M
Phone: 301-251-7465
Fax: 301-251-7410

R/14

Perkins, Richard

From: Burnell, Scott
Sent: Tuesday, August 09, 2011 3:02 PM
To: Bensi, Michelle
Cc: Perkins, Richard; Kauffman, John
Subject: RE: Draft press release for forthcoming Generic Issue

OK, we're set on this end since the press release is approved. Thanks!

From: Bensi, Michelle
Sent: Tuesday, August 09, 2011 3:01 PM
To: Burnell, Scott
Cc: Perkins, Richard; Kauffman, John
Subject: RE: Draft press release for forthcoming Generic Issue

Hi Scott,

I was able to touch-base with John Kauffman and here's the current status of things:

In summary: We are going to do a "normal" GI release (package, including panel memo with recommendations, and with the screening analysis as an enclosure). The comm. plan will be issued as part of this process. We will also give briefings as requested. We are looking at Brian Sheron signing the package on 8/22. Then during the five days prior to public release of the documents, the communications team will be notifying stakeholders of the pending release of the document IAW the comm. plan. On the fifth working day (currently planned for the 29th), OPA will issue a press release. Shortly thereafter, we will release the documents publicly.

Of course, the above dates may shift around. We will be sure to give you a "heads up" when things get closer to let you know when the press release should go out. Richard will be back in the office tomorrow if you need anything else or more detailed information.

Thanks,
Shelby

From: Burnell, Scott
Sent: Tuesday, August 09, 2011 2:52 PM
To: Bensi, Michelle
Subject: RE: Draft press release for forthcoming Generic Issue

Thanks Shelby!

From: Bensi, Michelle
Sent: Tuesday, August 09, 2011 2:04 PM
To: Burnell, Scott
Subject: RE: Draft press release for forthcoming Generic Issue

Hi Scott,
I am currently down at the TTC for training (7/25-8/12), so I have been a bit "out-of-the-loop" on things. I will call back to the office and see if I can get you an update.
Thanks,
Shelby

R/15

From: Burnell, Scott
Sent: Tuesday, August 09, 2011 11:39 AM
To: Bensi, Michelle
Subject: FW: Draft press release for forthcoming Generic Issue

Michelle;

Since Richard's out, can you fill me in on where we are on the process? Thanks.

Scott

From: Burnell, Scott
Sent: Tuesday, August 09, 2011 11:38 AM
To: Perkins, Richard
Subject: RE: Draft press release for forthcoming Generic Issue

Richard;

The Chairman's office has approved the press release. Where do we stand on the IN? Thanks.

Scott

From: Perkins, Richard
Sent: Monday, August 01, 2011 2:19 PM
To: Burnell, Scott
Subject: RE: Draft press release for forthcoming Generic Issue

Scott,

The attached version has a few small changes from what you just sent me. The changes are in the:

- last sentence of the first paragraph
- 1st sentence of the 2nd paragraph
- and the last sentence of the last paragraph

...all relatively minor. Assuming you don't have any adjustments, we're happy with this text.

This probably goes without saying, but can I verify that the press release would not go public until the program office (RES) is ready? We would like to work with you (when we are ready) to select a specific day the release would go out. Right now, we are still working on the communication plan.

Richard

From: Burnell, Scott
Sent: Monday, August 01, 2011 9:56 AM
To: Perkins, Richard; Bensi, Michelle
Cc: Hayden, Elizabeth
Subject: RE: Draft press release for forthcoming Generic Issue

Richard;

This is what I sent back on the 20th. I hadn't received any edits since then. Thanks.

Scott

Richard, Michelle;

I've attached OPA's version of what Michelle had sent over on the 14th. If you could, please concur via e-mail and mark any suggested edits in Word's "Track Changes" feature. Please let me know who else should see it before I take it up to the EDO's office. Thanks.

Scott

From: Perkins, Richard
Sent: Monday, July 18, 2011 1:29 PM
To: Hayden, Elizabeth
Cc: Kauffman, John; Correia, Richard; Coe, Doug; Burnell, Scott; Brenner, Eliot; Bensi, Michelle
Subject: RE: Draft press release for forthcoming Generic Issue

Beth,

We're anticipating that the press release will go out concurrent with the public declaration of the Generic Issue. The time frame should be on the order of a week or less.

Certainly not a month.

We can let you know when the memo has been signed by the panel (Bill Ruland, chair) and is being passed to Brian for approval (the GI declaration).

Thanks
Richard Perkins
301-251-7479

From: Hayden, Elizabeth
Sent: Friday, July 15, 2011 3:53 PM
To: Bensi, Michelle
Cc: Kauffman, John; Perkins, Richard; Correia, Richard; Coe, Doug; Burnell, Scott; Brenner, Eliot; Beasley, Benjamin
Subject: RE: Draft press release for forthcoming Generic Issue

Hi Michelle,

Thanks for the response. We'll look it over. Not being knowledgeable about timelines for Generic Issues designation, can you give me a best guess when you believe the press release should go out—next week, next month, next day or two?

Beth Hayden
Senior Advisor
Office of Public Affairs
U.S. Nuclear Regulatory Commission
-- Protecting People and the Environment
301-415-8202
elizabeth.hayden@nrc.gov

From: Bensi, Michelle
Sent: Thursday, July 14, 2011 4:07 PM
To: Hayden, Elizabeth
Cc: Kauffman, John; Perkins, Richard; Correia, Richard; Coe, Doug
Subject: Draft press release for forthcoming Generic Issue

Beth,

For your review and comment, I have attached a revised draft of the press release for the forthcoming Generic Issue (GI) related to dam failures.

Please note the following:

1. We are still processing the Generic Issue. It will not be officially designated as a Generic Issue until we have received inter-office concurrence and endorsement from our Office Director. We will notify you when the appropriate approvals have been obtained. The memo documenting the designation of the Generic Issue will be released publically shortly after approvals have been obtained. At that time, it would be appropriate to announce the issue through a press release. We will, of course, be in contact with you throughout the process so that you know when it will be okay to announce the final version of the press release.
2. Elliot Brenner has received a draft of our communication plan for this Generic Issue. The communication plan is still in draft form and undergoing daily revisions (based on reviews from various offices). The content of the plan has not been vetted and it has not been approved by our management.
3. There are still several sensitivities remaining related to Oconee Nuclear Station. Our management is currently working out these issues with management in other offices. We will keep you updated on the status of those discussions.
4. Elliot requested a list of plants affected by this issue. We do not have a definitive list of plants affected (that list will likely be developed in subsequent assessment of the issue). We do have a list of plants that were mentioned as part of the screening assessment of this issue. For more information, please refer to the draft answer included as an attachment, which comes from today's revision of our communication plan.

Please let me know if you have any questions. I can be reached by email or phone (301-251-7570).

Thanks for your help,

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

Perkins, Richard

From: Deegan, George
Sent: Wednesday, August 10, 2011 2:02 PM
To: Perkins, Richard; Bensi, Michelle
Cc: Felsher, Harry; Virgilio, Rosetta; Lowman, Donald
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
Attachments: ADAMS Document.ADC Final version released as ML112201350

Richard, Michelle: I'm the FSME TA, and would like to route this action for appropriate review. I see that you copied Harry Felsher (who is not in the office for the next 2 weeks) and Rosetta Virgilio (who is). What particular elements of the plan would you like FSME to review? Was there a particular FSME staffer who may have commented in an earlier version? Thanks.

Rosetta: Yours?

From: Fleming, Barbara
Sent: Wednesday, August 10, 2011 1:51 PM
To: Deegan, George
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

How would you handle this? I see that Harry and Rosetta got info copies.

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: 301-251-7930
direct line: 301-251-7568
fax: 301-251-7924
Carolyn.Siu@nrc.gov

some stories are true that never happened.

R/16

Perkins, Richard

From:	Hills, David
Sent:	Monday, August 15, 2011 4:44 PM
To:	Perkins, Richard
Cc:	Siu, Carolyn; Bensi, Michelle; Barker, Allan; Meghani, Vijay; Buckley, Patricia; OBrien, Kenneth; Reynolds, Steven; Mitlyng, Viktoria; Chandrathil, Prema
Subject:	FW: GI204 Communication Plan is Out for Formal Inter-Office Concurrence
Attachments:	Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure; Declaration Timeline.pptx

Richard,

Per your request, we have briefed Cynthia Pederson, Region III Deputy Regional Administrator. She is concurring for Mark Satorius, Region III Regional Administrator, on the Communication Plan with one comment as follows:

We should specifically mention in the plan that we have the Region III Liaison Officer, Allan Barker, notify the Prairie Island Tribal Community.

Thanks,

- David Hills
  Region III Engineering Branch Chief

From: Perkins, Richard
Sent: Wednesday, August 10, 2011 1:31 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 Plan is Out for Formal Inter-Office Concurrence

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

R/17

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

This email is an attachment to email 8/15/11 4:44pm

Perkins, Richard

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
Attachments:	ADAMS Document.ADC Final version released as ML112201350

Good afternoon,

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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.

8/10/11

GI-204 Declaration Timeline – ~~Internal Information – Not for Public Release~~

Documents Required for GI Declaration:	Status
Recommendation Memo from GI Review Panel	Awaiting NRR concurrence
Communication Plan (non public)	Final comment round is complete Formal inter-office concurrence is underway – Due 8/19/2011
Screening Analysis Report (enclosure)	Completed (not released)
OPA Press Release	Drafted – awaiting release Subject to continuing edits in real time

Significant Critical Path Tasks:

Communication plan inter-office concurrence

Sequence and Timeline:

---	Communication plan distributed for formal concurrence
---	Formal coordination of Communication Plan is complete
-3 work days	RES Director: Signs out Communication Plan (non public)
-3 work days	Approved Communication Plan is distributed to communication team
-3 work days	RES Director: Approves GI Recommendation Memo (release clock begins)
-3 work days	Public release day (not Friday) and time is selected and confirmed with OPA. OPA is responsible for press release.
-3 work days	'Heads up' notification to Regional State Liaison Officers
-2 work days	Communication Team is notified of release day and time
-2 work days	Communication Team notifies internal stakeholders
0 time	Confirm OPA Press Release
+1 hour	Recommendation Memo and Screening Analysis Report become publicly available

POC: Richard Perkins,
NRC/RES/DRA/OEGIB
richard.perkins@nrc.gov
301-251-7479

Perkins, Richard

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
Attachments:	Memo from B. Sheron to N. Mamish Re: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure; Declaration Timeline.pptx

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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

R/18

Attachment to 8/10/11 2:28 email

Perkins, Richard

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
Attachments:	ADAMS Document.ADC Final version released as ML112201350

Good afternoon,

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Contract Administrative Assistant II
Office of Nuclear Regulatory Research
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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.

BEST COPY AVAILABLE

GI-204 Declaration Timeline ~~– Internal Information – Not for Public Release~~

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Recommendation Memo from GI Review Panel	Awaiting NRR concurrence
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-2 work days	Communication Team is notified of release day and time
-2 work days	Communication Team notifies internal stakeholders
0 time	Confirm OPA Press Release
+1 hour	Recommendation Memo and Screening Analysis Report become publicly available

POC: Richard Perkins,
NRC/RES/DRA/OEGIB
richard.perkins@nrc.gov
301-251-7479

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, August 23, 2011 8:57 AM
To: Siu, Carolyn
Subject: FW: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure (NMSS01100205/NMSS-2011-0147)
Attachments: NMSS-2011-0147.pdf; NMSS201100205.pdf; ADAMS Document.ADC

Final version released as ML112201350

Concurrence from NMSS

From: Jordan, Natreon
Sent: Monday, August 22, 2011 3:21 PM
To: Perkins, Richard; Bensi, Michelle; Marcano, Jonathan
Cc: Rodgers, Mary
Subject: FW: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure (NMSS01100205/NMSS-2011-0147)

Richard,

Jonathan Marcano has been in coordination throughout the process and at this time NMSS has no further comments. This email serves as NMSS concurrence for this issue. Please let either Jonathan or myself know if additional support is needed in this matter.

Thanks,

- Nate

From: RidsNmssOd Resource
Sent: Wednesday, August 10, 2011 3:08 PM
To: Jordan, Natreon; Berry, Rollie; Chidichimo, Gabriele; Cooper, LaToya; Damiano, Debra; FCSS_Document_Processing Resource; Ford, William; Gallardy, Vivian; Parker, Nicole; Rodgers, Mary; Smith, James; Valencia, Jennifer; White, Bernard
Cc: Dorman, Dan; Haney, Catherine; Kinneman, John; Kokajko, Lawrence; Ordaz, Vonna; Bailey, Marissa; Davis, Jack; Hiltz, Thomas; Kotzalas, Margie; Mohseni, Aby; Weaver, Doug
Subject: Communication Plan for Generic Issue 204, Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure (NMSS01100205/NMSS-2011-0147)

LADIES/GENTLEMEN:

PLEASE PRINT THE ATTACHED NMSS TICKETS AND ACTION.

DUE TO NMSS: 08/17/11

DUE TO RES: 08/18/11

Mary L. Rodgers
FOIA/Records Manager Analyst

R/19

(301) 492-3246

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

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Carolyn Siu
Contract Administrative Assistant II
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CSB-4A06
division line: 301-251-7430
direct line: 301-251-7568
fax: 301-251-7429
Carolyn.Siu@nrc.gov

some stories are true that never happened.

Display Ticket

Ticket Type	NMSS - Blue	**Ticketing Organization**	NMSS
Ticket Number	NMSS201100205	**Ticket Contact**	Jordan, Natreon Jermain
TAR	N	**Ticket Created On**	08/10/2011
ADAMS Number		**Ticket Due Date**	08/19/2011
FOIA Number		**Ticket Extensions**	0
WITS Ticket Number		**Ticket Status**	
Description	CONCURRENCE REQUEST FOR COMMUNICATION PLAN FOR GENERIC ISSUE 204, "FLOODING OF NUCLEAR POWER PLANT SITES FOLLOWING UPSTREAM DAM FAILURE" (EDATS: NMSS-2011-0147)		
Task Basis	Email frm RES to OEDO dtd 8/10/11		

Correspondence Originator	Correspondence To	Routing	Response Signatures	Response To
RES (BSheron)	OEDO (NMamish)	Haney Dorman Jordan Rodgers		RES (RPerkins/ MBensi)

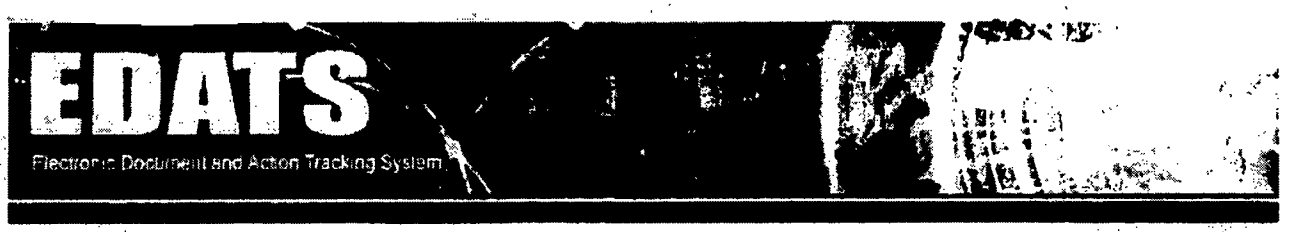
Special Instructions (Task 1):	NMSS (Jordan) has lead. FCSS/SFST/HLWRS please review and provide recommendation for concurrence to NMSS (Jordan) by 08/17/11; NMSS (Jordan) will consolidate response/recommendaton and consult with NMSS OD for concurrence by 08/18/11; concurrence due NLT 09/19/11

Assign To	Contact	Report To	Status	Date Assigned	Date Due	Date Closed	No. Ext
NMSS	Jordan, Natreon Jermain	RES		08/10/2011	08/19/2011	open	0
NMSS / DO	Jordan, Natreon Jermain	NMSS		08/10/2011	08/18/2011	open	0
NMSS / DHLWRS	Ford, William H	NMSS / DO		08/10/2011	08/17/2011	open	0
NMSS / DSFST	White, Bernard H	NMSS / DO		08/10/2011	08/17/2011	open	0
NMSS / FCSS	Smith, James A	NMSS / DO		08/10/2011	08/17/2011	open	0

Ticket NMSS201100205 is open

[Printout]

Main Menu



EDATS Number: NMSS-2011-0147 **Source:** NMSS

General Information

Assigned To: NMSS
Other Assignees:
Office Due Date: 8/19/2011 11:00 PM
OEDO Due Date: NONE
SECY Due Date: NONE

Subject: Communication Plan for Generic Issue 204, "Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure"

Description: Email from RES to various dtd 8/10/11

CC Routing: NONE

ADAMS Accession Numbers - Incoming: ML112201350
Response/Package: NONE

Other Information

Cross Reference Number: NMSS201100205
Related Task:
File Routing: EDATS
Staff Initiated: NO
Recurring Item: NO
Agency Lesson Learned: NO
OEDO Monthly Report Item: NO

Process Information

Action Type: Concurrence Request
Priority: Medium
Sensitivity: None
Urgency: NO

Signature Level: No Signature Required
Approval Level: No Approval Required
OEDO Concurrence: NO
OCM Concurrence: NO
OCA Concurrence: NO

Office Instructions: NMSS (Jordan) has lead. FCSS/SFST/HLWRS please review and provide recommendation for concurrence to NMSS (Jordan) by 08/17/11; NMSS (Jordan) will consolidate response/recommendaton and consult with NMSS OD for concurrence by 08/18/11; concurrence due NLT 09/19/11

Document Information

Originator Name: Brian W. Sheron, Director
Originating Organization: RES
Addressee: Nader Mamish
Incoming Task Received: E-mail
Date of Incoming: 8/10/2011
Document Received by NMSS Date: 8/10/2011
Date Response Requested by Originator: 8/19/2011

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, August 30, 2011 3:27 PM
To: Beasley, Benjamin; Bensi, Michelle
Subject: FW: Communication Plan for GI-204

Done. I'm not forwarding the docs to you to save your inbox.
Rich

From: Perkins, Richard
Sent: Tuesday, August 30, 2011 3:26 PM
To: Bowman, Gregory
Subject: RE: Communication Plan for GI-204

Greg,

The latest version is attached. The versions are date stamped on the upper right of the first page. I have also attached the declaration timeline slide – which is the plan for conducting the rollout. If you have and suggestions for the communication plan, please let me know. The ADAMS number for this package is ML112220477.

Richard Perkins

From: Bowman, Gregory
Sent: Tuesday, August 30, 2011 1:22 PM
To: Beasley, Benjamin; Perkins, Richard; Bensi, Michelle
Subject: Communication Plan for GI-204

Can you send me the most recent version of the communication plan for GI-204? Bill Dean (who's acting for Marty this week) is looking for a copy. Earlier this month I gave Marty a copy, which was dated August 10. Bill has that one. If that's the most recent version, please let me know and I'll let Bill know there haven't been any changes since then.

Thanks for the help.

Greg Bowman
Executive Technical Assistant
Office of the Executive Director for Operations
U.S. Nuclear Regulatory Commission
gregory.bowman@nrc.gov | 301-415-2939 | O-16E24

R/20

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, August 23, 2011 12:26 PM
To: McNamara, Nancy
Subject: RE: Can you send me the latest draft of the comm plan.

I noticed that the timeline document had not been updated. That version was the 8/11 version. As of 1 minute ago, it is now updated to the 8/17 version and includes the changes discussed during the teleconference.

The main communication plan document is current with a version date of August 10. No changes have been posted to the main document since then.

Thanks for reminding me. To see the timeline document, access the overall package (ML112220477).

Also, coordination of the communication plan is being delayed a bit while NRR is debating a document marking issue. I will be sending a blast message, on this issue, out later today. We expect it will be resolved without any impacts, but it's just a matter of how many days it will take.

Richard

From: McNamara, Nancy
Sent: Tuesday, August 23, 2011 12:10 PM
To: Perkins, Richard
Subject: RE: Can you send me the latest draft of the comm plan.

Thank you. Has this changed from what you talked to on our call last week?

From: Perkins, Richard
Sent: Tuesday, August 23, 2011 12:09 PM
To: McNamara, Nancy
Subject: RE: Can you send me the latest draft of the comm plan.

Hi Nancy,

It is on ADAMS at ML112020629. The package is ML112220477.

Richard

From: McNamara, Nancy
Sent: Tuesday, August 23, 2011 11:02 AM
To: Perkins, Richard
Subject: Can you send me the latest draft of the comm plan.
Importance: High

R/21

Perkins, Richard

From: Perkins, Richard
Sent: Wednesday, August 31, 2011 10:22 AM
To: Siu, Carolyn
Subject: RE: Add document to existing ADAMS package

No, we have not received their concurrence yet. The addition of the redacted document (which would be released in lieu of the original) is a result of discussions with NRR. For internal use, however, we want to keep the original (non-public) in the package. As you said yesterday, the overall package will be non-public.

But right now, everything is still pre-signature. We will have to wait for NRR concurrence, and then I will run the package down to White Flint.

Richard

From: Siu, Carolyn
Sent: Wednesday, August 31, 2011 10:17 AM
To: Perkins, Richard
Subject: RE: Add document to existing ADAMS package

Have you received NRR concurrence on this memo? I don't have NRR marked as having concurred.

CAROLYN SIU
301-251-7568

From: Perkins, Richard
Sent: Wednesday, August 31, 2011 10:15 AM
To: Siu, Carolyn
Subject: RE: Add document to existing ADAMS package

Thanks for clarifying. This document is to be added to a package that has not been signed out yet. Once signed/approved, it would follow normal release – but until then, it's non-public. It should not follow the normal release process until Brian Sheron approves the memo.

Thanks,
Richard

From: Siu, Carolyn
Sent: Wednesday, August 31, 2011 10:11 AM
To: Perkins, Richard
Subject: RE: Add document to existing ADAMS package

ML112430114

Since the document is dated 7/31 and internal documents need to be declared 6 days after their date to meet the metric, I'm going to mark this as non-public until it becomes an official record, at which point I'll have it publicly released.

CAROLYN SIU
301-251-7568

R/22

From: Perkins, Richard
Sent: Wednesday, August 31, 2011 10:03 AM
To: Siu, Carolyn
Subject: Add document to existing ADAMS package

Good Morning Carolyn,

Could you please ask ADAMS IM to add this new document (attached) to package ML111890588. This attached document is a redacted version of a document already in the package. Both the original and redacted versions of the document should remain in the package.

Thanks,

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

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, September 08, 2011 1:27 PM
To: Beasley, Benjamin
Cc: Bensi, Michelle
Subject: Question on Package tracking
Attachments: ADAMS Document.APK Final version released as ML112201350

Importance: High

Ben,

This is the original letter from Carolyn on the GI Recommendation Memo package (this is the remaining package on GI-204 declaration which lacks only NRR concurrence). I spoke with Kevin in the mail room to check on the tracking status – if indicated on the ticket. In terms of the mailroom tracking, nothing special is happening given the well-lapsed due date. You know more about how the issue has been raised to Brian's level than me, so I don't have anything to add on that, but my question is:

Is there any additional action regarding "tracking" that should occur? The last due date I know of was July 15. I know of no extensions that were granted on this package.

Thanks,
Richard
301-251-7479

From: Siu, Carolyn
Sent: Thursday, July 14, 2011 2:42 PM
To: RidsNrrMailCenter Resource; RidsNroMailCenter Resource; RidsNmssOd Resource; RidsFsmeOd Resource
Cc: Pohida, Marie; Compton, Keith; Leeds, Eric; Johnson, Michael; Haney, Catherine; Carpenter, Cynthia; Perkins, Richard; Littlejohn, Jennene
Subject: Memo from W. Ruland et al. to B. Sheron Re: Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure
Importance: High

Good afternoon,

Attached please find for your review and concurrence a memo regarding the Generic Issue Review Panel Recommendations for the Proposed Generic Issue Pertaining to Flooding of Nuclear Power Plant Sites Following Upstream Dam Failure. We apologize for the urgent turnaround, but are requesting your concurrence by no later than 9:00 a.m. tomorrow, July 15, 2011. Please direct your concurrences to Carolyn Siu, Richard Perkins, and Jennene Littlejohn. If you have any questions or comments, please contact Richard Perkins at 301-251-7479.

Carolyn Siu
Fiction reveals truths that reality obscures.
Division line: 301-251-7430
Direct line: 301-251-7568
Fax: 301-251-7424
Email: Carolyn.Siu@nrc.gov

R123

Perkins, Richard

From: Perkins, Richard
Sent: Friday, September 09, 2011 12:57 PM
To: Chokshi, Nilesh
Cc: Kauffman, John
Subject: FW: FYI - FW: advanced notice: proposed new generic issue (Flooding)

Nilesh,
I wanted to make sure you were aware...
Updates on the status of the anticipated GI-204 are being sent to Richard Raione, Kenneth See, Marie Pohida, and Lynn Mrowca (NRO members of the communication team). The coordinated/completed (but not yet signed) GI-204 Communication Plan is available for study at ML112220477. Please let me know if you have any comments or questions.

Regards,
Richard Perkins
301-251-7479

From: Kauffman, John
Sent: Wednesday, July 06, 2011 8:31 AM
To: Perkins, Richard
Subject: FW: FYI - FW: advanced notice: proposed new generic issue (Flooding)

FYI

From: Correia, Richard
Sent: Wednesday, July 06, 2011 8:04 AM
To: Chokshi, Nilesh
Cc: Flanders, Scott; Hatchett, Gregory; Raione, Richard; Jones, Henry; Coe, Doug; Kauffman, John; Bensi, Michelle
Subject: RE: FYI - FW: advanced notice: proposed new generic issue (Flooding)

Thx Nilesh for the feedback. Our GI branch staff will keep you "in the loop".

Rich

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

richard.correia@nrc.gov

From: Chokshi, Nilesh
Sent: Wednesday, July 06, 2011 7:59 AM
To: Correia, Richard
Cc: Flanders, Scott; Hatchett, Gregory; Raione, Richard; Jones, Henry
Subject: FW: FYI - FW: advanced notice: proposed new generic issue (Flooding)

Rich,

Hydrologic Engineering Branch (RHEB) in the DESR/NRO has expertise in the hydrological issues, and we have been engaged with the NRR on this and other hydrological issues. Please keep us informed of your

R/24

efforts related to the GI. Richard Raione is the Branch Chief, and Dr. Henry Jones is the principal staff member involved in this issue.

Thanks,

Nilesh

From: Bergman, Thomas
Sent: Wednesday, July 06, 2011 7:01 AM
To: Chokshi, Nilesh
Cc: Flanders, Scott
Subject: FYI - FW: advanced notice: proposed new generic issue (Flooding)

Since you guys control the water ...

From: Correia, Richard
Sent: Wednesday, July 06, 2011 6:59 AM
To: McGinty, Tim; Giitter, Joseph; Hiland, Patrick; Ordaz, Vonna; Kinneman, John; Ader, Charles; Bergman, Thomas; Cheok, Michael; Pruett, Troy; McDermott, Brian; Lorson, Raymond; Miller, Chris; Roberts, Darrell; Croteau, Rick; Munday, Joel; Gody, Tony; Boland, Anne; Reynolds, Steven; West, Steven; Caniano, Roy; Vegel, Anton; Kennedy, Kriss; Brenner, Eliot; Schmidt, Rebecca; Bailey, Marissa
Cc: Wilson, George; Ruland, William; Coe, Doug; Kauffman, John; Bensi, Michelle; Beasley, Benjamin
Subject: advanced notice: proposed new generic issue

All,

RES and the other program offices are processing a proposed generic issue (GI) pertaining to the flooding of nuclear power plant sites following upstream dam failure. We are expediting the processing of the proposed GI largely due to, 1. the recent events in Japan at the Fukushima Daiichi plant, 2., certain plants in the US that have experienced flooding, 3. the planned issuance on or about July 12 of the Task Force report (the Task Force chartered to review NRC processes and regulations following events in Japan). NMSS will monitor activities related to this GI but currently does not plan to include fuel cycle facilities and ISFSIs as part of the GI. We anticipate the approval of the recommendation for this GI to be completed by July 12.

Part of the processing for this GI would be to develop a communication plan that would be used by the program offices, the regions as well as OPA, OCA and other offices as necessary. Normally RES would send the communication plan to these offices/regions for review and comment over a 2 week period. However, given the expedited processing of this particular GI, we plan to forward to your office/region for use and information, the communication plan once the GI is approved. Should there be comments or changes needed to the communication plan once your office/region has had an opportunity to review it, RES will make changes and reissue.

Please share this information with other Divisions/organizations within your office/region.
Thanks for your support regarding this issue.

Rich

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

richard.correia@nrc.gov

Perkins, Richard

From: Perkins, Richard
Sent: Friday, December 23, 2011 11:43 AM
To: Bensi, Michelle
Subject: RE: how's this?

Outstanding!!!!

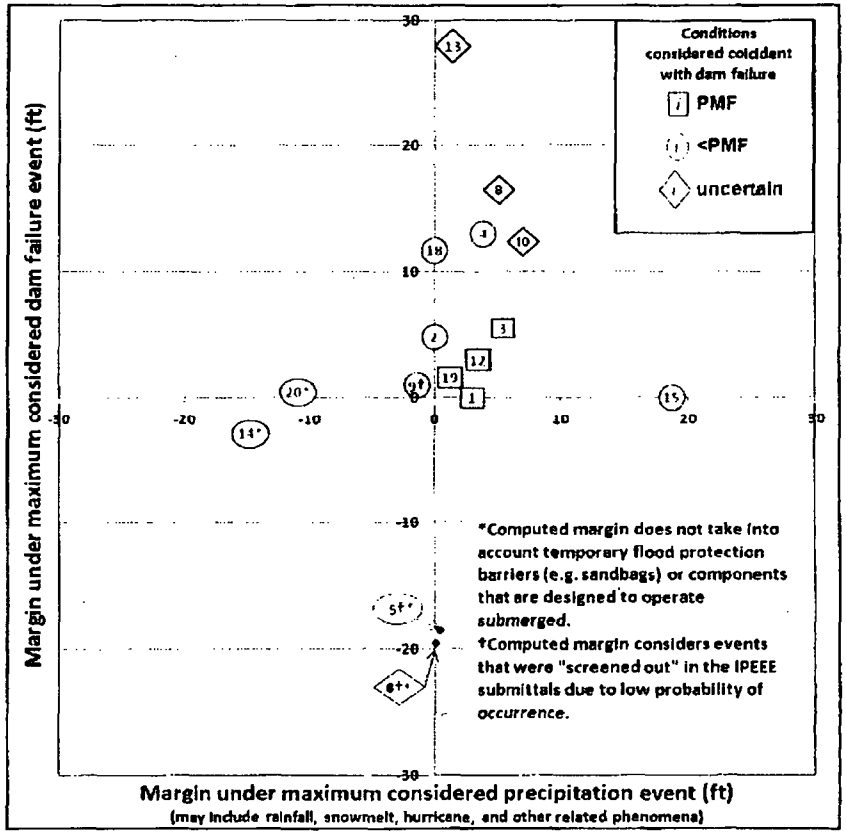
From: Bensi, Michelle
Sent: Friday, December 23, 2011 11:42 AM
To: Perkins, Richard
Subject: how's this?

See attached

R/25

Examination of applicability to multiple plants: Margin under precipitation and dam failure events

- Calculated margin is based on several prescribed assumptions:
  - Considers largest flood elevation and smallest flood protection elevation available in reviewed NRC documents
  - Not limited to design basis events
  - Does not account for temporary protective measures or operation of submerged components
- Prescribed assumptions are based on observations about Oconee and Fort Calhoun:
  - Reliance on temporary barriers
  - Revised flood estimates that are larger than older estimates
  - Increased estimates of dam failure frequency



This figure answers the question:
What is the "margin" between the highest flood level referred to in available documents and the plant's flood protection level, when not accounting for certain measures that may have been approved during licensing?

Major Phases of GI-204 Coordination

- Development and concurrence:
  - Screening analysis
  - Review Panel recommendation

↳ NRR, NRO, NMSS Members actively engaged and extended coordination →

- Coordination of the communication plan
- Rollout coordination

↳ (during comm plan effort)

~~Obj yesterd.~~

obtain info
↑ staff awareness
Research + Formulation
NRC Community Engagemen
Develop agency consensus

↳ Inter-office development

Formal + Coordination

- Numerous conversations, meetings + teleconferences w/ regions
- Coordination of press release

- Goals, Key messages, background/review
  Recognize stakeholders
- Established Comm Team
- Q+A development, community, editing + coordination
- Livim Document-

Perkins, Richard

From: Siu, Carolyn
Sent: Wednesday, January 11, 2012 12:31 PM
To: Perkins, Richard
Subject: RE: Document to add to package

ML120110221

CAROLYN SIU
301-251-7568

From: Perkins, Richard
Sent: Wednesday, January 11, 2012 11:22 AM
To: Siu, Carolyn
Subject: Document to add to package

Carolyn,
Could you please add the attached document to the package ML112220477 and assign a new ML number. Please give me, Ben, and Michelle Bensi editing/change rights.

Thanks,
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

R/26

Perkins, Richard

From: Siu, Carolyn
Sent: Wednesday, January 11, 2012 12:32 PM
To: ADAMS IM
Cc: Perkins, Richard
Subject: Add document to package
Attachments: ADAMS Document.ADC

Good afternoon,

Please add attached document ML120110221 to package ML112220477, but leave it in Draft status. Thanks!

Carolyn Siu
Contract Administrative Assistant II
Office of Nuclear Regulatory Research
Division of Risk Analysis
U.S. Nuclear Regulatory Commission
CSB-4A06
division line: 301-251-7930
direct line: 301-251-7568
fax: 301-251-7424
Carolyn.Siu@nrc.gov

some stories are true that never happened.

R/27

Perkins, Richard

From: Perkins, Richard
Sent: Thursday, January 12, 2012 10:44 AM
To: Bartley, Jonathan
Subject: RE: Communication Plan for OCO GI-204.docx

Thanks for this. I appreciate the info. Regarding anticipated dates - unfortunately, each day it seems to be less certain than before.
Rich

From: Bartley, Jonathan
Sent: Wednesday, January 04, 2012 10:47 AM
To: Perkins, Richard
Subject: FW: Communication Plan for OCO GI-204.docx

Richard, I am developing an OCO specific post- GI-204 communication plan (attached) per direction of my Regional Administrator. The plan is still under review but I thought I would give you a heads up and provide a copy of the draft. I anticipate a lot of local interest in OCO once GI-204 is released.

Do we have a better feel for public release of GI-204?

Jonathan

From: Bartley, Jonathan
Sent: Friday, December 30, 2011 11:21 AM
To: Ledford, Joey; Hannah, Roger; Woodruff, Gena; Stang, John; Wilson, George; Khanna, Meena; Salgado, Nancy
Cc: Rapp, Curtis; Stamm, Eric; Sabisch, Andrew
Subject: Communication Plan for OCO GI-204.docx

Gena, Roger, Joey, John, George, Meena, Nancy,

Attached is a draft communication plan we drafted to prepare for the public interest in Oconee we expect to get when GI-204 (failure of upstream dams) is released. I would appreciate any comments/improvements on the document, especially the Q&As.

The release date for GI-204 is still up in the air but I don't see it being issued any earlier than mid-January. There was some talk about releasing it at the same time as the orders and 50.54(f) letters for Fukushima which is scheduled for late March.

I would appreciate comments back by January 13. Please cc Curt and Eric.

Jonathan

R/28

Bensi, Michelle

From: Beasley, Benjamin
Sent: Wednesday, February 08, 2012 12:07 PM
To: Correia, Richard; Peters, Sean; Sheron, Brian; Holian, Brian
Cc: Perkins, Richard; Bensi, Michelle
Subject: Summary of Call with Duke on GI-204

All,

NRR included me on the conference call with Duke at 10:30 today. A summary of the call is provided below.

The bottom line is that Duke will provide specific concerns to NRR by close of business Monday. In a subsequent conversation with George Wilson and Nancy Salgado, I expressed concern that Monday does not support the schedule for the JLLD SECY on 50.54(f) letters. George and Nancy were going to talk with their management about the schedule.

Ben

Summary of February 8, 2012, 10:30 a.m. Conference Call with Duke On GI-204 Screening Analysis

On the call from the NRC were:

George Wilson, NRC Dam Safety Officer and NRR point for this issue
Nancy Salgado, NRR / DORL Branch Chief for Oconee
John Stang, Oconee PM
Jonathan Bartley, Region II Branch Chief
Andy Sabisch, Oconee Senior Resident
Ben Beasley, RES

George Wilson led the call for NRC. Terry Patterson led the call for Duke. Chris Nolan (Duke) expressed general concern about the sensitivity of the information in the Screening Analysis. He cited the guidance in criterion B of the Critical Infrastructure Information Act of 2002. He felt that the information presented in the Screening Analysis identified a vulnerability at Oconee and should be withheld under criterion B. Chris stated that discussion of gaps in the licensing basis, core damage frequencies and impacts to the Station were the source of his concern.

Jonathan Bartley pointed out that although much of the information used in the Analysis is available to the public, putting it all together into one place created the sensitivity. Chris Nolan (Duke) echoed that the Analysis does a good job painting the picture which causes the vulnerability. George Wilson responded that the review of the Analysis by the Department of Homeland Security did not reflect those concerns. DHS did not identify anything in the Oconee section of the Analysis as being sensitive.

Terry Patterson (Duke) stated that the Analysis did not use current data. He expressed concern that the utility will have to respond (to the media) based on what is in the Analysis. I pointed out that the Analysis is just a preliminary study using readily available information to determine only whether or not the issue should become a Generic Issue.

Rich Freudenberger (Duke) stated that a few items in the Analysis are not consistent with information in the NRC's January 2011 SER. I replied that, although we are just now issuing the Analysis, it was nearly complete by last January.

R/29

George Wilson asked Duke to give us specific input on the statements they felt were sensitive or needed updating. Duke agreed to provide that and asked for a week to prepare their input. George asked for my input on the schedule and I stated that we have a strong need to approve the Generic Issue this week. Duke and NRR agreed on a deadline of close of business Monday.

Perkins, Richard

From: Bensi, Michelle
Sent: Tuesday, February 14, 2012 7:45 AM
To: Beasley, Benjamin; Perkins, Richard
Subject: RE: Oconee missing from FSAR/IPEEE document

That was my fault they weren't included. ONS's data isn't used in the "margin's figure," so I didn't add those documents to the individual folders for creating the compilation document. The documents that I highlighted relative to ONS are showing where the info came from that was used in the text part of the report.

From: Beasley, Benjamin
Sent: Tuesday, February 14, 2012 7:24 AM
To: Perkins, Richard
Cc: Bensi, Michelle
Subject: Oconee missing from FSAR/IPEEE document

Richard,

The attached pages are not in the FSAR/IPEEE compilation we produced. Can we revise the Region II document to add these?

Ben

R/30

Perkins, Richard

From: Perkins, Richard
Sent: Tuesday, February 14, 2012 3:04 PM
To: Beasley, Benjamin; Bensi, Michelle
Subject: RE: Comment from Prairie Island

Thanks Ben,

For multiple reasons, the appropriate response is to make no changes.

Rich

From: Beasley, Benjamin
Sent: Tuesday, February 14, 2012 2:18 PM
To: Perkins, Richard; Bensi, Michelle
Subject: Comment from Prairie Island

The comment below is from Prairie Island. They felt the discussion in the Screening Analysis is not correct. If you want to do something with this, that is fine. If you want to do nothing with this, that is fine also.

Ben

We believe that the discussion should give more consideration to the maximum probable flood (MPF) and explain the extreme condition that it represents. As noted in USAR Section 2.4, the MPF has approximately 3 times the flow of a 1000 year flood and therefore is very improbable. MPF is defined in USAR App F. We would not agree that the USAR information is general since we did a comprehensive study of the Mississippi River flooding for original plant licensing. Also we believe that the cascading failures were adequately addressed. Our engineer called USACE today and confirmed that the purpose of L&D 2 and L&D 3 is to allow navigation, not flood control, and the top of lock structure of L&D 2 and L&D 3 are 694 and 686, respectively, so the MPF level would be well above the level of these dams. Based on this, the probable maximum flood (PMF) level of 703.6ft MSL is significantly higher than the levels at which the Mississippi River lock and dam system would be effective at restricting flood waters. Also it is our understanding that the tainter gates are controlled in such a manner that would not result in the sudden opening of gates which could impact river levels at flood conditions.

Also note that "through the 10 spillway gates" could be taken to mean that L&D 2 only has 10 gates; there are 19.

We do not see any security sensitive information in the discussion.

Perkins, Richard

From: Beasley, Benjamin
Sent: Wednesday, February 22, 2012 6:39 PM
To: Perkins, Richard
Subject: Re: Question about FSAR/IPEEE stackup document

Since the SUNSI review is still in progress we would need to mark it non-public. But I cannot think of any reason to not put in ADAMS.

Ben

Benjamin Beasley
Sent from an NRC Blackberry.

From: Perkins, Richard
To: Beasley, Benjamin
Sent: Wed Feb 22 15:52:50 2012
Subject: Question about FSAR/IPEEE stackup document

I have a question from Region 2 asking if we could just put the document in ADAMS and send the ML number to them. I would suppose as a non-public document until a release review is completed....

From: Beasley, Benjamin
Sent: Thursday, February 16, 2012 1:53 PM
To: Perkins, Richard
Subject: RE: Oconee missing from FSAR/IPEEE document

The other thing we need to do with these compiled documents is send them off to the Regions. I suggest sending them to the Comm Plan representative for each region. What do you think?

Please send them whenever you are ready.

Ben

From: Perkins, Richard
Sent: Tuesday, February 14, 2012 5:52 PM
To: Beasley, Benjamin
Cc: Bensi, Michelle
Subject: RE: Oconee missing from FSAR/IPEEE document

The revised word file, .pdf file, and "region # only" files are on the G drive. I kept the old files in a subdirectory, there, for comparison. I'll delete them in a few days if no objections.
Richard

From: Beasley, Benjamin
Sent: Tuesday, February 14, 2012 7:24 AM
To: Perkins, Richard
Cc: Bensi, Michelle
Subject: Oconee missing from FSAR/IPEEE document

Richard,

The attached pages are not in the FSAR/IPEEE compilation we produced. Can we revise the Region II document to add these?

Ben