



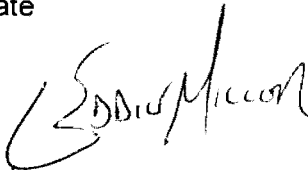
UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

January 15, 2013

MEMORANDUM TO: Matthew A. Mitchell, Chief
Projects Management Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

FROM: G. Edward Miller, Project Manager
Projects Management Branch
Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 24 - 25, 2012, PUBLIC MEETINGS
ON IMPLEMENTATION OF NEAR-TERM TASK FORCE
RECOMMENDATION 2.1, FLOODING HAZARD REANALYSIS,
RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER
PLANT ACCIDENT



On October 24 - 25, 2012, the U.S. Nuclear Regulatory Commission (NRC) staff held a public meeting¹ with the Nuclear Energy Institute (NEI) and industry representatives to discuss addressing the recommendations in the *Near-Term Task Force [NTTF] Recommendations for Enhancing Reactor Safety in the 21st Century* report, issued July 12, 2011.² The meeting was focused specifically on the NTTF Recommendation 2.1, Flooding Hazard Reanalysis, which is one of the Tier 1 recommendations under consideration for implementation without unnecessary delay. By letter dated March 12, 2012, the NRC issued an information request³ pursuant to Title 10 of the *Code of Federal Regulations* 50.54(f) to implement this recommendation.

Wednesday, October 24, 2012

The meeting began with an overview presentation⁴ that discussed the Integrated Assessment Interim Staff Guidance (ISG) that was currently posted for public comment.⁵

Additionally, NEI provided a presentation⁶ that contained comments on both the Integrated Assessment ISG and the tsunami/surge ISG.⁷

¹ The original meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML12272A256.

² The NTTF report is available under ADAMS Accession No. ML111861807.

³ The 50.54(f) letter is available under ADAMS Accession No. ML12053A340.

⁴ The NRC presentation is available under ADAMS Accession No. ML12306A207.

⁵ The draft Integrated Assessment ISG is available under ADAMS Accession No. ML12235A319.

⁶ The NEI presentation is available under ADAMS Accession No. ML12306A212.

⁷ The draft tsunami/surge ISG is available under ADAMS accession No. ML12271A036.

As was discussed in a previous meeting, NEI had provided a draft example⁸ that walked through use of the scenario-based evaluation option of the Integrated Assessment interim staff guidance (ISG). As NEI walked through the example, the NRC staff identified what types of information would be needed to justify the various assertions and conclusions reached in the example. It was identified that development of a mutually acceptable example could take more interaction that would be possible before the November 30, 2012, deadline for the ISG and that it may be prudent to remove the example section out of the ISG. The previously agreed upon frequently asked questions process would be used to further refine the example after issuance of the ISG.

A discussion was held on whether requiring a peer review along with the Integrated Assessment was appropriate. NEI contended that existing licensee review processes accomplished many of the attributes described in the ISG section on peer review. At the end of the discussion, the NRC staff indicated that they would attempt to revise the peer review section to allow crediting of existing licensee processes where applicable. NEI agreed that where existing programs did not meet the attributes of the peer review, augmentation of the review would be necessary.

Prior to conclusion of the day, the NRC staff quickly went through the other draft comments⁹ submitted by NEI to ensure that the comments were understood. No major misunderstandings were identified.

Thursday, October 25, 2012

The meeting opened with a brief discussion of the NEI comments on the tsunami/surge ISG. It was identified that additional discussion should be held at a later meeting.

Based upon the discussion from the previous day, the NRC staff had revised the section on peer review¹⁰ to allow crediting existing review processes, where appropriate. The new language was generally well received.

The last order of business was to discuss the NEI dam failure white paper.¹¹ Comments were entered directly into the document with "track changes" enabled. Additionally, NEI presented a draft method for screening dams¹² by projecting their retained volume on the site topography. It was identified that additional discussion of this method would be necessary.

⁸ The draft example is available under ADAMS accession No. ML12306A214.

⁹ The other NEI comments are available under ADAMS Accession No. ML12306A222.

¹⁰ The revised peer review section is available under ADAMS Accession No. ML12306A460.

¹¹ The draft NEI dam failure white paper is available under ADAMS Accession No. ML12306A204.

¹² An example graph used by NEI to describe the screening method is available under ADAMS Accession No. ML12306A226.

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Following the technical portion of the meeting a discussion was held on when to hold the next few meetings. It was agreed that the next meetings would be on November 7, 2012, in the afternoon. Additionally, there would be meetings on November 14 and 15, 2012. All meetings will be noticed separately.

The meeting concluded with no questions or comments from the stakeholders. Additionally, a reminder was given that the next public meeting was on November 7, 2012.

Enclosure:
Lists of Attendees

Sign In Sheet

Discussion of 2.1 Flooding

DATE: Oct 24, 2012

Name	Organization
Ed Miller	NRR/JLD
Joe Gasper	OPPB
Roxy Gic	NEXT ERA
Ray Schneider	WESTINGHOUSE
Don Bentley	Energy Nuclear
PAT BRUNETTE	ENERCON
Russell Pate	Southern Nuclear
George Attarain	Duke Energy
Colin Keller	FENOC
Joe Bellini	AMEC/Exelon
Dean Hubbard	Duke Energy
Mike Miller	Sargent & Lundy
JOHN GIDDENS	Southern Nuclear
Jim Riley	NEI
Jenise Thompson	NRC/NRC
Ken Karasick	NRC
UNDINE SHOOP	NRC/NRR
Yukihiko Nishizawa	MHI
MAURIE BOHUA	NRC/NRC
JEFF MITMAN	NRC/NRR
Joseph Kannev	NRC/RES/DRA (ETB)
Tom Nicholas	NRC/RES/DRA
Michelle Benson	NRC
CHRISTOPHER COOK	NRC/DSEA
Via TELEPHONE	

JANA BERGMAN

SCIENTECH

Sign In Sheet

Discussion of 2.1 Flooding

DATE: Oct 25, 2012

Name	Organization
George ATTARIAN	Duke ENERGY
Dean Hubbard	Duke Energy
Joe Bellini	AIMEC/Kelco
Jim Biley	NEE
Colin Keller	FENOC
PAT BRUNETTE	ENERCON
Ray Schneider	Westinghouse
Joe Gasper	OPPD
Mike Miller	Sargent & Landy
Russell Pate	Southern Nuclear

Sign In Sheet

Discussion of 2.1 Flooding

DATE: Oct 25, 2012

Name	Organization
Ed Miller	NRR/JLD
Michelle Bensi	NRC
Jenise Thompson	NRC/NRO
Jeff Mitman	NRC/NRR
Joseph Kanney	NRC/RES/DRA
CHRISTOPHER COOK	NRC/NRO
Joe Bellini	AMEC/Exelon

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ADAMS Accession No.: ML12307A178

*Concurrence via email

OFFICE	LA: NRR/DORL*	PM: NRR/JLD/PMB	BC: NRR/JLD/PMB	PM: NRR/JLD/PMB
NAME	SRohrer	GEMiller	MMitchell	GEMiller
DATE	1/ 14 /2013	1/15 /2013	1/ 15 /2013	1/ 15 /2013

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