

May 27, 2016

MEMORANDUM TO: Mohamed Shams, Chief  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

FROM: Juan F. Uribe, Project Manager **/RA/**  
Hazards Management Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF APRIL 8, 2016, PUBLIC MEETING ON  
IMPLEMENTATION OF NEAR-TERM TASK FORCE  
RECOMMENDATION 2.1, FLOODING HAZARD  
REEVALUATIONS, RELATED TO THE FUKUSHIMA  
DAI-ICHI NUCLEAR POWER PLANT ACCIDENT

On April 8, 2016, the U.S. Nuclear Regulatory Commission (NRC) staff held a Category 2 public meeting<sup>1</sup> with stakeholders related to flooding hazard reevaluations that are being performed as part of Recommendation 2.1 from "Recommendations for Enhancing Reactor Safety in the 21<sup>st</sup> Century," a report issued by the post-Fukushima Near-Term Task Force (NTTF) on July 12, 2011.<sup>2</sup> On March 12, 2012, the NRC issued a request for information pursuant to Title 10 of the *Code of Federal Regulations*, Section 50.54(f), partly to implement this recommendation.<sup>3</sup>

Specifically, the purpose of the meeting was to discuss the revised guidance that the Nuclear Energy Institute (NEI) is developing to assist licensees in assessing the impact of the reevaluated flood hazard on their sites using focused evaluations or integrated assessments. Additional information related to this guidance can be found in COMSECY-15-0019<sup>4</sup>.

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<sup>1</sup> The original meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML16099A025.

<sup>2</sup> The NTTF report is available under ADAMS Accession No. ML111861807.

<sup>3</sup> The 50.54(f) letter is available under ADAMS Accession No. ML12053A340.

<sup>4</sup> COMSECY 15-0019 can be found at ADAMS Accession No. ML15153A104.

During the meeting, the NEI presented<sup>5</sup> the changes and updates made to the document titled NEI 16-05, "External Flooding Assessment Guidelines," to reflect, among other changes, NRC comments and clarifications made in previous public meetings and contained in draft white paper "Guidance for Closure of Flooding Hazard Reevaluation through Focused Evaluation Process<sup>6</sup>." Specifically, the major changes included adding a documentation section and Appendix D, which describes approaches that licensees may use to determine the frequency of the consequential flood.

Other changes include:

- Clarifications related to the use of Appendix A, which is a catalog of potential areas of hazard refinements,
- Clarifications related to the determination of available physical margin when evaluating penetration seals, and
- Clarifications related to performance standards for mitigation equipment and associated human actions in Appendix B.

The NRC staff presented<sup>7</sup> a summary of the white paper, which represents the Japan Lessons-Learned Division (JLD) Interim Staff Guidance (ISG) JLD-ISG-2016-01 "Guidance for Activities Related to Near-Term Task Force Recommendation 2.1, Flooding Hazard Reevaluation; Focused Evaluation and Integrated Assessment." The white paper is based on NEI 16-05, Revision A dated March 9, 2016. The presentation included clarifications to the proposed methodology in NEI 16-05 and a discussion on schedule and milestones. The NRC staff also informed the public that JLD-ISG-2016-01 would be issued in draft form by a *Federal Register* Notice in late April 2016, based on the latest docketed version of NEI 16-05. The NRC staff also stated that the public comment period is expected to last 30 days.

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<sup>5</sup> The NEI presentation can be found at ADAMS Accession No. ML16099A275.

<sup>6</sup> The white paper can be found at ADAMS Accession No. ML16090A255.

<sup>7</sup> The NRC presentation can be found at ADAMS Accession No ML16099A277.

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Prior to concluding the meeting, an opportunity for public comment and questions was afforded. Comments and public meeting feedback forms were received and appropriately addressed.

Enclosure:  
Lists of Attendees

M. Shams

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Enclosure:

Lists of Attendees

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\* via e-mail

<b>OFFICE</b>	NRR/JLD/JHMB/PM	NRR/JLD/ LA	NRR/JLD/JHMB/BC	NRR/JLD/JHMB/PM
<b>NAME</b>	JUribe	SLent	MShams	JUribe
<b>DATE</b>	05/16/2016	05/16/206	05/27/2016	05/26/2016

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<sup>5</sup> The NEI presentation can be found at ADAMS Accession No. ML16099A275.

<sup>6</sup> The white paper can be found at ADAMS Accession No. ML16090A255.

<sup>7</sup> The NRC presentation can be found at ADAMS Accession No ML16099A277.

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Public Meeting to Discuss Topics Associated with Flooding Hazard  
April 8, 2016

List of Attendees

<b>Name:</b>	<b>Organization:</b>	<b>Name:</b>	<b>Organization:</b>
Juan Uribe	U.S. Nuclear Regulatory Commission (NRC)		
Eric Bowman	NRC		
Mohamed Shams	NRC		
Joe Kanney	NRC		
Tom Nicholson	NRC		
Michelle Bensi	NRC		
Michael Marshall	NRC		
Andy Campbell	NRC		
Chris Cook	NRC		
Aida Rivera	NRC		
Stewart Bailey	NRC		
Dave Desaulniers	NRC		
Pat Brunette	Enercon		
Tom Zachariah	Nuclear Energy Institute (NEI)		
Drew Miller	Erin Engineering		
Joe Bellini	Aterra		
John Giddens	Southern Nuclear		
Michael Tschiltz	NEI		
Dean Hubbard	Duke Energy		
Raymond Schneider	Westinghouse		
Mark Moensess	Westinghouse		
Rick Rohrer	Xcel Energy		
Mike Powell	APS		
John Weglian	Electric Power Research Institute		

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