

January 24, 2014

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

FROM: Robert F. Kuntz, Senior Project Manager /RA/  
Projects Management Branch  
Japan Lessons-Learned Project Directorate  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF DECEMBER 19, 2013, 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 December 19, 2013, the Nuclear Regulatory Commission (NRC) staff held a public meeting<sup>1</sup> with stakeholders. The purpose of the meeting was to discuss the flooding hazard reevaluations that are being performed as part of Recommendations 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 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* (10 CFR), Section 50.54(f) to implement this recommendation.<sup>3</sup>

The Nuclear Energy Institute (NEI) presented frequently asked questions (FAQ) 17<sup>4</sup> which relates to the scope of the integrated assessment when only a single associated effect of a flooding mechanism is not bounded by the current design basis. The NRC staff commented that the FAQ, as presented, could potentially result in a reduction in scope that would not provide the systematic evaluation and information the staff would require to complete its review. NEI indicated that they would consider NRC staff comments.

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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. ML13330A520.

<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> FAQ 17 is available under ADAMS Accession No. ML13350A647

NEI presented FAQ 23<sup>5</sup> which relates to the “trigger” for the integrated assessment when the design basis flooding evaluation does not contain specific information on flood duration. The NRC staff had previously commented on this FAQ. Subsequently, NEI revised this FAQ to also address warning time. The NRC staff commented that some aspects of warning time warrant additional consideration and recommended treating it separately. NEI stated that it would consider NRC comments on the FAQ.

NEI presented FAQ 29<sup>6</sup> which provides definitions for terms used in JLD-ISG-2012-05. The NRC staff commented that the FAQ did not provide information that would affect the staff’s review of future submittals so it would not provide comment on the FAQ.

NEI presented a revised version of an example<sup>7</sup> that it had developed to illustrate an integrated assessment for a relatively simple situation. The NRC staff had previously commented on the example and NEI revised it based on staff comments. The NRC staff stated that it had no additional comments on the revised version of the example.

NEI provided the status of additional integrated assessment examples it is developing. The NRC staff had previously provided comments on an example of a scenario-based evaluation performed as part of an integrated assessment at a previous public meeting. NEI indicated that it was near completion with revising the example and that it would provide the revision to the NRC for its review. NEI also stated that they were near completion with developing an extension of the aforementioned example of an integrated assessment for a relatively simple situation and that would be provided to the NRC for its review in early January 2014.

The NRC staff presented<sup>8</sup> a summary of items from its review to date of interim actions. The presentation discussed areas from the staff’s review where additional information from licensees would assist the NRC staff in its review.

The NRC staff presented<sup>9</sup> information for licensees to consider when developing their flooding hazard reevaluation. The NRC staff provided information to consider on flood duration and combined flooding effects.

Prior to concluding the meeting, an opportunity for public comment was afforded and an announcement was made that the next public interactions would be on January 14, 2013.

Enclosure:  
Lists of Attendees

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<sup>5</sup> FAQ 23 is available under ADAMS Accession No. ML14010A207

<sup>6</sup> FAQ 29 is available under ADAMS Accession No. ML13350A656

<sup>7</sup> NEI simple integrated assessment is available under ADAMS Accession No. ML14010A186

<sup>8</sup> NRC staff presentation on interim actions lessons learned available under ADAMS Accession No. ML14010A178

<sup>9</sup> NRC staff presentation flooding hazard reevaluation considerations available under ADAMS Accession No. ML14010A232

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**ADAMS Accession No.:** ML14023A651

\*via e-mail

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<sup>6</sup> FAQ 29 is available under ADAMS Accession No.

<sup>7</sup> NEI simple integrated assessment is available under ADAMS Accession No.

<sup>8</sup> NRC staff presentation available under ADAMS Accession No.

<sup>9</sup> NRC staff presentation available under ADAMS Accession no.

Memo to Matthew A. Mitchell from Robert F. Kuntz dated January 24, 2014

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Public Meeting to Discuss Topics Associated with Flooding Hazard  
Thursday, December 19, 2013

Participant List

**Name:**

**Organization:**

Rob Kuntz  
Chris Cook  
Michelle Bensi  
Ed Miller  
See Meng Wong  
Malcolm Patterson  
James Riley  
Jana Bergman  
Andy Langdon

U.S. Nuclear Regulatory Commission (NRC)  
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Nuclear Energy Institute  
Sciencetech/CWFC  
Energy Northwest

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