

October 26, 2015

MEMORANDAM TO: Gregory T. Bowman, Chief  
Policy and Support Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

FROM: Lauren K. Gibson, Project Manager */RA/*  
Policy and Support Branch  
Japan Lessons-Learned Division  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 20, 2015, PUBLIC JOINT STEERING  
COMMITTEE MEETING TO DISCUSS ACTIVITIES RELATED  
TO LESSONS LEARNED FROM THE FUKUSHIMA DAI-ICHI  
NUCLEAR POWER PLANT EVENT

On October 20, 2015, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) Steering Committee and the industry's counterpart steering committee for implementing the lessons-learned from the events at Fukushima Daiichi. The meeting was held in 3WFN 08-A28, 11601 Landsdown Street, Rockville, Maryland. The NRC slides used in the meeting are available at Agencywide Documents Access and Management System (ADAMS) Accession No. ML15292A486. A list of participants is provided as an enclosure to this document.

The NRC staff presentation began with a status overview of the implementation of the Tier 1 recommendations, followed by a focused update on the seismic and flooding hazard reevaluations and the development of the related guidance for the mitigating strategies assessments. The remainder of the staff presentation described the upcoming SECY paper on resolving the Tier 2 and 3 recommendations. The staff summarized each of the recommendations and its resolution path as shown on the presentation slides.

Highlights of the discussion included:

- Industry noted that the schedule shown on slide five for the mitigation strategies upgrades for reevaluated hazards is not representative of the timeline for upgrades at all plants. For example, those plants that would have to perform modifications as a result of the assessments would mostly likely not complete the upgrades by the end of 2016. This would be approximately half of the plants. The NRC staff acknowledged this, stating that the intent is to get as much done as feasible by the end of 2016.
- Guidance documents that address how to account for the reevaluated hazards in the mitigating strategies will be out for public comment shortly:

- An interim staff guidance endorsing Appendices E (validation) and G (flooding) to Nuclear Energy Institute (NEI) guidance document NEI 12-06, "Diverse and Flexible (FLEX) Coping Strategies," will be made available for public comment in November. This will also include language similar to Appendix H (seismic) for Paths 1-4.
  - A parallel draft regulatory guide will be issued for public comment as part of the draft proposed rulemaking package for the Mitigation of Beyond-Design-Basis Events rulemaking.
  - Path 5 in Appendix H, which concerns how plants that are performing a seismic probabilistic risk assessment (SPRA) would use that information to account for the reevaluated hazard in the mitigating strategies, is under development. Although the guidance would not need to be implemented until after an SPRA is complete, industry would like to have the guidance available by March 2016, which is consistent with the NRC's goal
- Industry noted that the NRC's approach to resolving Recommendation 2.2 on updating information on natural external hazards is in line with their approach. The industry is working with the Institute of Nuclear Power Operations and the Electric Power Research Institute to determine which types of new hazard information would prompt the industry to reevaluate natural hazards. The NRC plans to enhance internal processes to make them more proactive and systematic. The details will be provided by the end of 2016.
  - The staff indicated that the SECY paper providing the resolution paths for the Tier 2 and 3 recommendations will be delivered to the Commission at the end of October 2015.
  - The futures of the respective steering committees were discussed. Both the staff and industry discussed that many of the objectives that prompted the formation of the committees have been met. The industry indicated that they plan to sunset their steering committee at the end of 2016. Industry and the NRC agreed, though, that it would be good to have a forum to reflect holistically on the implementation and any issues that may arise.

An hour was reserved in the agenda for the public to comment on the resolution plans for the Tier 2 and 3 recommendations, but only one member of the public commented on that topic. The NRC staff responded adequately to his comments.

The next meeting will be planned for January 2016.

Members of the public were in attendance in the room and through the teleconference. Public meeting feedback forms were not received.

G. Bowman

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Please direct any inquiries to me at 301-415-1056 or [Lauren.Gibson@nrc.gov](mailto:Lauren.Gibson@nrc.gov).

Enclosure:  
List of Participants

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**\*concurrence via e-mail**

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DATE	10/23/2015	10/23/2015	10/26/2015	10/26/2015

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## LIST OF ATTENDEES

### JOINT STEERING COMMITTEE MEETING TO DISCUSS ACTIVITIES RELATED TO LESSONS LEARNED FROM THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT EVENT

October 20, 2015

The participants from the NRC included:

- Michael Johnson, Deputy Executive Director for Operations
- William Dean, Director, Office of Nuclear Reactor Regulation (NRR)
- Jeremy Bowen, Associate Director, Japan Lessons-Learned Division (JLD), NRR
- Scott Flanders, Division Director, Division of Site Safety and Environmental Analysis (DSEA), Office of New Reactors (NRO)
- Gregory Bowman, Branch Chief, Policy and Support Branch (PSB), JLD, NRR
- Lauren Gibson, Project Manager, JLD, NRR
- Patricia Milligan, Sr. Level Advisor for Emergency Preparedness, Office of Nuclear Security and Incident Response

The participants from the industry included:

- Joseph Pollock, Vice President, Nuclear Operations, Nuclear Energy Institute (NEI)
- Anthony Pietrangelo, Senior Vice President and Chief Nuclear Officer, NEI
- Maria Korsnick, Chief Operating Officer, NEI, Chair of Fukushima Response Steering Committee
- Jim Riley, NEI

Additional NRC staff members, industry representatives, and members of the public were in attendance in person or through the teleconference.

Enclosure