

November 21, 2012

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

FROM: Brian K. Harris, Project Manager /RA/
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Japan Lessons-Learned Project Directorate
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF NOVEMBER 1, 2012, PUBLIC MEETING ON
IMPLEMENTATION OF NEAR-TERM TASK FORCE
RECOMMENDATION 9.3, EMERGENCY PREPAREDNESS
REGULATORY ACTIONS

On November 1, 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 A meeting attendance list is shown in Enclosure 1. This was the third of three public meetings conducted to obtain stakeholder feedback regarding the implementation of the Tier 2 requirements of NTTF Recommendation 9.3. The meeting was focused on emergency preparedness equipment and facilities, and emergency preparedness training and exercise. Public participation was invited via meeting attendance, telephone conference, and Web-based seminar.

The NRC staff revisited the presentations from the October 3 and October 16, 2012, public meetings³ to address the various elements of the Tier 2 requirements of NTTF Recommendation 9.3, and discussed how most of the requirements overlapped with the Tier 1 requirements of NTTF Recommendation 4.2. The presentation identified the Tier 2 requirements of NTTF Recommendation 9.3 not addressed under the Tier 1 requirements of NTTF 9.3, and suggested how these requirements might be addressed. The purpose of the presentation was to understand industry's view on whether the NTTF Recommendation 9.3, Tier 2 requirement to conduct periodic training and exercises for multi-unit and prolonged station blackout scenarios could be satisfied under NTTF Recommendation 4.2. Most of the discussion was focused on the extent of the drills.

¹ The meeting notice is available via the Agencywide Documents Access and Management System (ADAMS) under Accession No. ML12257A046.

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

³ The NRC slides are available under ADAMS Accession No. ML12277A201.

Based upon the discussions held during the October 3 and October 16, 2012, public meetings, NEI presented a revised emergency preparedness drill concept that is shown diagrammatically in Enclosure 2. NEI indicated that the diagram, representing a general description rather than a specific proposal, includes validations of time-sensitive activities via "walk-throughs" or time motion studies. The NRC staff indicated that, in order to integrate the Tier 2 requirements of NTTF Recommendation 9.3 into the Tier 1 requirements of NTTF Recommendation 4.2, the staff and NEI had to agree on which emergency preparedness drill activities can be performed out-of-sequence. The staff indicated that some activities must be done in sequence to demonstrate that these activities can be done under stress. The number of these activities depends upon the scenario being demonstrated. The staff indicated when a given activity, demonstrating a particular capability (e.g. movement of a piece of equipment), is required to be performed repetitively, it need only be demonstrated once.

Enclosure 3 represents a typical timeline for an emergency preparedness drill showing key events.

The staff indicated that if NEI and the staff agreed on integration of the Tier 2 requirements of NTTF Recommendation 9.3 into the Tier 1 requirements of NTTF Recommendation 4.2, an Order would no longer be required. Accordingly, the Steering Committee and the Commission would need to be informed on this change in direction. In order to support an alternate method for the Tier 2 9.3 EP items, the staff requested NEI to submit a letter regarding NEI's position on the integration of NTTF 9.3 and NTTF 4.2. In addition, NEI should describe what insights they've obtained regarding licensees' efforts regarding multiunit dose-assessment.

Enclosures:
As stated

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Enclosures:
As stated

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*Concurrence via e-mail

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LIST OF PARTICIPANTS (PLEASE PRINT CLEARLY)

DATE: November 1, 2012

MEETING: PROPOSED IMPLEMENTATION OF TIER 2 EMERGENCY PLANNING
ACTIONS RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT ACCIDENT

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Attendance Via Webinar

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MEETING: PROPOSED IMPLEMENTATION OF TIER 2 EMERGENCY PLANNING
ACTIONS RELATED TO THE FUKUSHIMA DAI-ICHI NUCLEAR POWER PLANT ACCIDENT

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