

From: [PIETRANGELO, Tony](#)
Subject: Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations
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Attachments: [04-09-13 NRC Submittal of Proposed Path Forward for NTTF Recommendation 2.1.pdf](#)
[04-09-13 NRC Submittal of Proposed Path Forward for NTTF Recommendation 2.1 Attachment 1.pdf](#)
[04-09-13 NRC Submittal of Proposed Path Forward for NTTF Recommendation 2.1 Attachment 2.pdf](#)
[04-09-13 NRC Submittal of Proposed Path Forward for NTTF Recommendation 2.1 Attachment 3.pdf](#)

April 9, 2013

Mr. David L. Skeen
Director, Japan Lessons Learned Project Directorate
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, DC 20555-0001

Subject: Proposed Path Forward for NTTF Recommendation 2.1: Seismic Reevaluations

Project Number: 689

Dear Mr. Skeen:

The industry intends to use the NRC-endorsed *Seismic Evaluation Guidance: Screening, Prioritization, and Implementation Details (SPID) for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic* (EPRI 1025287) for the requested seismic hazard evaluations and risk assessments. In addition, the industry intends to augment that effort with a deterministic Expedited Seismic Evaluation to provide a timely demonstration of additional seismic margin and support near-term plant modifications to enhance safety. Based on discussions during public meetings during the past several months, the objectives of the Request for Information can be met most effectively and efficiently by using the attached *Seismic Evaluation Guidance: Augmented Approach for the Resolution of Fukushima Near-Term Task Force Recommendation 2.1: Seismic* in conjunction with the endorsed SPID.

The industry is currently completing a SSHAC Level 2 study to update the EPRI (2004, 2006) ground motion attenuation model based on recently obtained data and the latest views of the technical experts. Given the new information that exists, it makes sense to use this updated model rather than the older version of the model for the Central and Eastern United States (CEUS) plants' responses to the Request for Information. We intend to submit the ground motion model update final report to the NRC by June 3, 2013. Assuming NRC endorsement of the updated model by August 30, 2013, the CEUS plants will be able to submit the requested site-specific hazard information to the NRC by March 31, 2014. Descriptions of subsurface materials and properties and base case velocity profiles that can be developed independently of the ground motion model will be submitted to NRC by September 12, 2013.

The schedules in Attachments 2 and 3 show the key dates for implementing the proposed augmented approach and responding to the Request for Information. These schedules consider the limited number of currently available experts in key specialized areas and assume we can add to that critical resource set and achieve some efficiency as we gain experience performing these evaluations. Our goal is to complete the risk evaluations in two groups by December 31, 2019. However, until the ground motion response spectra are developed, we will not know how many plants will require seismic risk evaluations. If a large number of plants screen in and require risk evaluations, it could take longer to complete the lowest priority plants (referred to as a potential third group in Attachments 2 and 3).

If you have any questions, please contact Kimberly Keithline (202-739-8121, kak@nei.org) or me.

Sincerely,

Anthony R. Pietrangelo
Senior Vice President and Chief Nuclear Officer

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