

PMVictoriaESPPEm Resource

From: Eudy, Michael
Sent: Monday, May 07, 2012 5:06 PM
To: david.distel@exeloncorp.com
Cc: Graizer, Vladimir; VictoriaESP Resource; Karas, Rebecca; Goldin, Laura
Subject: Victoria ESP Draft Fukushima RAI for Section 2.5.2
Attachments: RAI 6482(draft).doc

David,

Please find the attached draft RAI related to the NRC staff's review of the VCS ESP application regarding Fukushima Dai-ichi accident. Please review and let me know if you need a clarification call with our staff within 5 business days. Thanks.

Michael A. Eudy - Project Manager
U.S. Nuclear Regulatory Commission
NRO/DNRL/LB3
301-415-3104

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Request for Additional Information No. 6482 Revision 1

Victoria County Station ESP
Exelon Texas
Docket No. 52-042
SRP Section: 02.05.02 - Vibratory Ground Motion
Application Section: 2.5.2

QUESTIONS for Geosciences and Geotechnical Engineering Branch 2 (RGS2)

02.05.02-***

This request for additional information (RAI) specifically addresses Recommendation 2.1 of the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, as it pertains to the seismic hazard evaluation. This Recommendation specifies the use of NUREG-2115, "Central and Eastern United States Seismic Source Characterization for Nuclear Facilities" (CEUS-SSC), in a site probabilistic seismic hazard analysis (PSHA). The NRC staff issued NUREG-2115 in January 2012, marking the completion of approximately four years of collaborative work between NRC, the Department of Energy, and the Electric Power Research Institute.

Consistent with Recommendation 2.1, as well as the need to consider the latest available information in the PSHA for the Victoria County Station planned reactor site, the NRC staff requests that Exelon Nuclear Texas Holdings, LLC (Exelon):

- a) Evaluate the potential impacts of the newly released CEUS-SSC model, with potential local and regional refinements as identified in the CEUS-SSC model, on the seismic hazard curves and the site-specific ground motion response spectra (GMRS). For re-calculation of the PSHA, please follow either the cumulative absolute velocity (CAV) filter or minimum magnitude specifications outlined in Attachment 1 to Seismic Enclosure 1 of the March 12, 2012 letter "Request for information pursuant to title 10 of the *Code of Federal Regulations* 50.54(f) regarding recommendations 2.1, 2.3, and 9.3, of the near-term task force review of insights from the Fukushima Dai-ichi accident." (Agencywide Documents Access and Management System Accession No. ML12053A340).
- b) Modify the site-specific GMRS if you determine changes are necessary given the evaluation performed in part a) above.

In order to minimize delays to the current licensing schedule, the staff requests that you respond within 60-days of receipt of this RAI or provide a schedule for your response within 30-days.