

PMTurkeyCOLPEm Resource

From: Comar, Manny
Sent: Thursday, April 14, 2011 2:06 PM
To: orthen, Richard; Steve Franzone; STEVEN.HAMRICK; TurkeyCOL Resource; William Maher
Cc: Comar, Manny
Subject: Draft RAI 5691 related to SRP Section 02.05.02 -Vibratory ground motion for the Turkey Point Units 6 and 7 combined license application.
Attachments: draft RAI 5691_TPN.doc

To All,

Attached is the draft of RAI No:5691, regarding section 02. 05.02- Vibratory Ground motion for the Turkey Point Units 6 and 7 combined license application.

If you need a conference call to discuss the question(s) of the draft RAIs please contact me at 301-415-3863. Unless you request additional clarification we will normally issue the RAI as final within 3 to 5 days, from today.

Thanks

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Request for Additional Information No. 5691

Turkey Point Units 6 and 7
Florida P and L
Docket No. 52-040 and 52-041
SRP Section: 02.05.02 - Vibratory Ground Motion
Application Section: 2.5.2

QUESTIONS from Geosciences and Geotechnical Engineering Branch 1 (RGS1)

02.05.02-***

In order for the staff to independently evaluate the TPNPP earthquake catalog, seismic sources, hazard results and the site response calculations, in accordance with NUREG-0800, Standard Review Plan, Chapter 2.5.2, "Vibratory Ground Motion," and Regulatory Guide (RG) 1.208, "A Performance-Based Approach to Define the Site-Specific Earthquake Ground Motion", please provide digital files (ascii files) of the following:

- a. All seismic sources' geographic coordinates.
- b. Turkey Point earthquake catalog, including Phase I and Phase II data sets. Also include dependent events identified in Phase I and Phase II updates.
- c. Hazard curves of all individual seismic sources for each EPRI team as well as hazard curves of individual Caribbean seismic sources.
- d. The base case shear wave velocity profile and base case shear modulus reduction and damping curves used in the site amplification function calculations. In addition, provide the mean site amplification factors.