

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Monday, June 25, 2012 4:25 PM  
**To:** John.Only@luminant.com; Donald.Woodlan@luminant.com; 'cp34-rai-luminant@mnes-us.com'; Eric.Evans@luminant.com; joseph tapia; 'Kazuya Hayashi'; 'Russ Bywater'; MNES RAI mailbox (cp34-rai-luminant@mnes-us.com); na3raidommailbox@dom.com  
**Cc:** ComanchePeakCOL Resource; Patel, Chandu  
**Subject:** Comanche Peak RCOL Chapter 1 (Fukushima Near Term Task Force Recommendations) - RAI Number 261 -  
**Attachments:** RAI 6527 (RAI 261).docx

The NRC staff has identified that additional information is needed to continue its review of the combined license application. The NRC staff's request for additional information (RAI) is contained in the attachment.

As stated in the NRC staff's letter, dated May 16, 2012, Luminant is requested to provide a response to all Fukushima RAIs within 60-days of receipt of the RAIs, or provide a schedule for Luminant's response within 30-days.

thanks,

Stephen Monarque  
U. S. Nuclear Regulatory Commission  
NRO/DNRL/NMIP  
301-415-1544

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 1709

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**Sent Date:** 6/25/2012 4:25:24 PM  
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**From:** Monarque, Stephen

**Created By:** Stephen.Monarque@nrc.gov

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RAI 6527 (RAI 261).docx	21236	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

**Expiration Date:**

**Recipients Received:**

Request for Additional Information (RAI) No. 6527, COLA, Revision 2

RAI Letter Number 261

6/25/2012

Comanche Peak Units 3 and 4  
Luminant Generation Company, LLC.  
Docket No. 52-034 and 52-035  
SRP Section: 01.05 - Other Regulatory Considerations  
Application Section: Various COL sections

QUESTIONS for USAPWR Projects Branch (NMIP)

01.05-1

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). Consistent with Recommendation 2.1, as well as the need to consider the latest available information in the (PSHA) for Comanche Peak Nuclear Power Plant, Units 3 and 4 planned reactor site, the NRC staff requests that Luminant:

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)/foundation input response spectra (FIRS). 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." (ML12053A340).

b) In your response, please identify the method you selected from the above choices to perform the evaluation. Modify and submit the site-specific GMRS and FIRS changes, as necessary, given the evaluation performed in part (a) above. Provide the basis supporting your position.

01.05-2

By letter dated May 16, 2012, (ML12124A036), the NRC staff informed you that the NRC staff has been directed by the Commission to implement the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami" dated February 17, 2012. This request for additional information (RAI) specifically addresses Recommendation 7.1, "Reliable Spent Fuel Pool Instrumentation." The NRC staff requests that you address each of the provisions for monitoring key spent fuel pool parameters as described in the March 12,

2012 Order, EA-12-051 (ML12054A679), including any proposals for changes to your current application.

01.05-3

By letter dated May 16, 2012, (ML12124A036), the NRC staff informed you that the NRC staff has been directed by the Commission to implement the Fukushima Near-Term Task Force recommendations contained in SECY-12-0025, "Proposed Orders and Requests for Information in Response to Lessons Learned from Japan's March 11, 2011, Great Tohoku Earthquake and Tsunami" dated February 17, 2012. This request for additional information (RAI) specifically addresses Recommendation 9.3, "provisions for enhancing emergency preparedness." The NRC staff requests that you address each of the provisions for enhancing emergency preparedness as described in Enclosure 7 of SECY-12-0025, including any proposals for changes to your current application.