

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Monday, July 13, 2009 3:49 PM  
**To:** cp34-rai-luminant@mnes-us.com; Diane Yeager; Donald.Woodlan@luminant.com; Eric.Evans@luminant.com; John.Only@luminant.com; joseph tapia; Kazuya Hayashi; Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater  
**Cc:** ComanchePeakCOL Resource; Takacs, Michael  
**Subject:** Comanche Peak RCOL Section 10.3, RAI 16  
**Attachments:** RAI 2700 (RAI 16).doc

The NRC staff has identified that additional information is needed to continue its review of the combined license application. The staff's request for additional information (RAI) is contained in the attachment. Within five calendar days of the date of this letter, please indicate if you wish to have a conference call.

The response to this RAI is due within **42 calendar days** after **July 13, 2009**.

Note: If changes are needed to the safety analysis report, the NRC staff requests that the RAI response include the proposed wording changes.

thank you,

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

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 330

**Mail Envelope Properties** (Stephen.Monarque@nrc.gov20090713154800)

**Subject:** Comanche Peak RCOL Section 10.3, RAI 16  
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**Received Date:** 7/13/2009 3:48:00 PM  
**From:** Monarque, Stephen

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

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Tracking Status: None

**Post Office:**

Files	Size	Date & Time
MESSAGE	684	7/13/2009 3:48:00 PM
RAI 2700 (RAI 16).doc	29690	

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

**Sensitivity:** Normal

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**Recipients Received:**

Request for Additional Information (RAI) No. 2700

RAI #16

7/13/2009

Comanche Peak Units 3 and 4  
Luminant Generation Company, LLC.  
Docket No. 52-034 and 52-035  
SRP Section: 10.03 - Main Steam Supply System  
Application Section: FSAR Section 10.3

QUESTIONS for Balance of Plant Branch 1 (AP1000/EPR Projects) (SBPA)

10.03-1

**CPNPP RAI - 10.3-1**

In Revision 1 of the US-APWR DCD, Mitsubishi (the DCD applicant) added a COL information item for the COL applicants to address the actual throat area of the main steam safety valves (MSSVs). This COL information item is reflected as seventh paragraph in Section 10.3.2.3.2, "Main Steam Safety Valves," Revision 1 of the DCD. Whereas, in CPNPP FSAR Section 10.3.2.3.2, the applicant took a departure from the COL information item and replaced the above COL information item (STD COL Item 10.3(2)) with a statement that the actual throat area for the MSSVs will be determined at the procurement stage.

In order to complete its evaluation of this CPNPP FSAR Section 10.3, the NRC staff requests the applicant provide the design details of these MSSVs, including the valve throat area and design basis functional analysis based on the design parameters provided in Table 10.3.2-2, "Main Steam Safety Valves" (sheet 1 of 3) of the DCD.