

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Friday, November 09, 2012 9:52 AM
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Cc: ComanchePeakCOL Resource; Reyes, Ruth
Subject: Comanche Peak RCOL Chapter 19 - RAI Number 268
Attachments: RAI_6913 (RAI 268).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. Luminant is requested to inform the NRC staff if a conference call is needed.

The response to this RAI is due within 35 calendar days of **November 9, 2012**.

Note: The NRC staff requests that the RAI response include any proposed changes to the FSAR.

thanks,

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

Hearing Identifier: ComanchePeak_COL_Public
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From: Monarque, Stephen

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Request for Additional Information 268 (6913)

Issue Date: 11/9/2012

Application Title: Comanche Peak Units 3 and 4 - Dockets 52-034 and 52-035

Operating Company: Luminant Generation Company, LLC.

Review Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation

Application Section:

QUESTIONS

19-24

In accordance with the guidance in Section C.I.1.8 "Site and Plant Design Interfaces and Conceptual Design Information" of RG 1.206, the staff expects that Luminant would address in its FSAR all COL action items identified in the US-APWR DCD. However, since the list of COL action items in US-APWR DCD Chapter 19.3 has not yet been finalized, the staff requests that Luminant describe how the CPNPP Units 3 & 4 FSAR will be revised to fully address all COL action items listed in US-APWR DCD Section 19.3, in light of RAI 967-9790, Question 19-574, issued to Mitsubishi Heavy Industries on 10/09/2012.

19-25

According to the SRP and guidance in Appendix C.I.19-A to RG 1.206, a COL applicant that references the US-APWR design certification should clearly describe the uses of PRA in support of licensee programs, include FSAR cross-references to specific program descriptions, and identify and describe the risk-informed applications being implemented during the COL application phase and construction phase. Thus, please identify and describe the use of PRA and risk-informed applications in accordance to RG 1.206 guidance.

19-26

The staff review finds that the CPNPP Units 3 and 4 FSAR incorporates Section 19.1.2.3 "PRA Technical Adequacy" of US-APWR DCD by reference. However, US-APWR DCD Section 19.1.2.3 has been developed to only address the quality of US-APWR design-specific PRA in support of the US-APWR design certification. Thus, the staff requests that Luminant revise the supplemental information in its FSAR to address plant-specific PRA technical adequacy including the justification that the PRA is sufficient to support CPNPP Units 3 and 4 COL application.