

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Friday, October 02, 2009 10:52 AM
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Cc: Magee, Michael; ComanchePeakCOL Resource
Subject: Comanche Peak RCOLA, Section 2.4.6 - RAI # 107
Attachments: RAI 3668 (RAI 107).doc

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 October 2, 2009

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

thanks,

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

Hearing Identifier: ComanchePeak_COL_Public
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Subject: Comanche Peak RCOLA, Section 2.4.6 - RAI # 107
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From: Monarque, Stephen

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RAI 3668 (RAI 107).doc	29690	

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Request for Additional Information (RAI) No. 3668

RAI # 107

10/2/2009

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 02.04.06 - Probable Maximum Tsunami Flooding
Application Section: 2.4.6

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04.06-1

NUREG-0800, Standard Review Plan (SRP), Chapter 2.4.6, 'Probable Maximum Tsunami Hazards,' establishes criteria that the NRC staff intends to use to evaluate whether an applicant meets the NRC's regulations.

Provide a description of the process followed to determine the conceptual models for probable maximum tsunami, tsunami propagation, wave runup, inundation, and drawdown, hydrostatic and hydrodynamic forces, debris and water-borne projectiles, and sediment erosion and deposition to ensure that the most conservative of plausible conceptual models has been identified.

02.04.06-2

NUREG-0800, Standard Review Plan (SRP), Chapter 2.4.6, 'Probable Maximum Tsunami Hazards,' establishes criteria that the NRC staff intends to use to evaluate whether an applicant meets the NRC's regulations.

Provide an assessment of the magnitude, risk, and risk thresholds for hill-slope failure-generated surges in Squaw Creek Reservoir and describe the process used to ensure that the tsunami flooding risk analysis for Squaw Creek Reservoir including hill-slope failure generated tsunami is bounding and conservative.