

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Friday, October 02, 2009 5:05 PM  
**To:** Donald.Woodlan@luminant.com; John.Only@luminant.com; cp34-rai-luminant@mnes-us.com; Diane Yeager; Eric.Evans@luminant.com; joseph tapia; Kazuya Hayashi; Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater  
**Cc:** Magee, Michael; ComanchePeakCOL Resource  
**Subject:** Comanche Peak RCOLA, Section 2.4.11 - RAI # 113  
**Attachments:** RAI 3671 (RAI 113).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  
**Email Number:** 670

**Mail Envelope Properties** (9C2386A0C0BC584684916F7A0482B6CA04A83CE5CC)

**Subject:** Comanche Peak RCOLA, Section 2.4.11 - RAI # 113  
**Sent Date:** 10/2/2009 5:05:22 PM  
**Received Date:** 10/2/2009 5:05:25 PM  
**From:** Monarque, Stephen

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

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**Post Office:** HQCLSTR02.nrc.gov

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RAI 3671 (RAI 113).doc	29690	

**Options**

**Priority:** Standard  
**Return Notification:** No  
**Reply Requested:** No  
**Sensitivity:** Normal  
**Expiration Date:**  
**Recipients Received:**

Request for Additional Information (RAI) No. 3671

RAI # 113

10/2/2009

Comanche Peak Units 3 and 4  
Luminant Generation Company, LLC.  
Docket No. 52-034 and 52-035  
SRP Section: 02.04.11 - Low Water Considerations  
Application Section: 2.4.11

QUESTIONS for Hydrologic Engineering Branch (RHEB)

02.04.11-1

NUREG-0800, Standard Review Plan (SRP), Chapter 2.4.11, 'Low Water Considerations,' 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 low water from drought and from other phenomena. The description needs to include the effects of low water on safety-related water supplies under possible water use limits to ensure that the site characteristics related to low-water events are based on the most conservative of plausible conceptual models.

02.04.11-2

NUREG-0800, Standard Review Plan (SRP), Chapter 2.4.11, 'Low Water Considerations,' establishes criteria that the NRC staff intends to use to evaluate whether an applicant meets the NRC's regulations.

Provide clarification for the flow rates required for makeup water individually and in aggregate for the essential service water system (ESWS) cooling towers, ensuring that the information provided is consistent with flow rates and water balances for the cooling water systems described in the Environmental Report. Explain whether the supply of makeup water to the ESWS cooling towers is continuous, intermittent, or periodic.