

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Monday, September 12, 2011 9:11 AM  
**To:** John.Only@luminant.com; Donald.Woodlan@luminant.com; 'cp34-rai-luminant@mnes-us.com'; Eric.Evans@luminant.com; joseph tapia; 'Kazuya Hayashi'; Matthew.Weeks@luminant.com; MNES RAI mailbox; 'Russ Bywater'  
**Cc:** ComanchePeakCOL Resource; Reyes, Ruth  
**Subject:** Comanche Peak RCOL Chapter 6 section 6.2.2 - RAI Number 229  
**Attachments:** RAI 6025 (RAI 229).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 **September 12, 2011**.

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  
**Email Number:** 1494

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**Subject:** Comanche Peak RCOL Chapter 6 section 6.2.2 - RAI Number 229  
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**Received Date:** 9/12/2011 9:11:21 AM  
**From:** Monarque, Stephen

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

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Tracking Status: None

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RAI 6025 (RAI 229).docx		20007

**Options**

**Priority:** Standard

**Return Notification:** No

**Reply Requested:** No

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**Recipients Received:**

Request for Additional Information (RAI) No. 6025, COLA Revision 2

RAI Letter Number 229

9/12/2011

Comanche Peak Units 3 and 4  
Luminant Generation Company, LLC.  
Docket No. 52-034 and 52-035  
SRP Section: 06.02.02 - Containment Heat Removal Systems  
Application Section: 6.2.2.3

QUESTIONS for Containment and Ventilation Branch 1 (AP1000/EPR Projects) (SPCV)

06.02.02-4

This is a follow-up question to RAI Letter Number 76 (3105) Question 06.02.02-3.

NUREG-0800, Standard Review Plan (SRP) 6.2.2, 'Containment Heat Removal Systems,' and Regulatory Guide 1.82, 'Water Sources for Long-term Recirculation Cooling Following a Loss-of-Coolant Accident,' Revision 3, establish an acceptable approach with criteria that the NRC staff will use to evaluate whether an applicant meets applicable NRC's regulations.

Regulatory Guide 1.82, Revision 3, as modified and supplemented for pressurized water reactors by the Nuclear Energy Institute (NEI) Guidance Report (NEI 04-07 GR) and the NRC safety evaluation (SE), dated September 20, 2004 (ADAMS Accession Number ML042640307) provide guidance for cleanliness programs and debris evaluations.

The Comanche Peak Nuclear Power Plant (CPNPP) COL Application Part 2, FSAR Sub-section 6.2.2.3, Revision 2 provides a STD COL item 6.2(5) requiring the preparation of a containment cleanliness program. STD COL item 6.2(5) states that containment cleanliness program includes guidance documents used to develop the cleanliness program survey/sampling methods. The staff request that the COL applicant document in COL item 6.2(5) the specific criteria or guidance documents used so the staff can evaluate the acceptability of CPNPP's approach. As an example, the staff found the cleanliness program survey/sampling methods presented in NEI 04-07 as supplemented by the NRC SE to be an acceptable approach. If the COL applicant intends to be consistent with this guidance, the staff request that the COL applicant update COL item 6.2(5) with this information.