

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Wednesday, November 07, 2012 4:36 PM  
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**Cc:** ComanchePeakCOL Resource; Reyes, Ruth; Vokoun, Patricia; Palmrose, Donald  
**Subject:** Comanche Peak RCOL Chapter 19 - RAI Number 267  
**Attachments:** RAI\_6907 (RAI 267).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 7, 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  
**Email Number:** 1763

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**Subject:** Comanche Peak RCOL Chapter 19 - RAI Number 267  
**Sent Date:** 11/7/2012 4:35:47 PM  
**Received Date:** 11/7/2012 4:35:51 PM  
**From:** Monarque, Stephen

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

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RAI_6907 (RAI 267).docx		17522

**Options**

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**Reply Requested:** No  
**Sensitivity:** Normal  
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**Recipients Received:**

**Request for Additional Information 267 (6907)**

Issue Date: 11/7/2012

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: 19.2

QUESTIONS

19-23

Section 19.2.6.6 (“Cost-Benefit Comparison”) of the Comanche Peak COL FSAR, Revision 3, states a maximum averted cost-risk of \$305k for a 7 percent discount rate and \$787k for a 3 percent discount rate. However, Section 7.3.3 (“Monetization of the Base Case”) of the Comanche Peak COL Environmental Report, Revision 3, states a maximum averted cost-risk of \$400k for a 7 percent discount rate and \$1,055k for a 3 percent discount rate. The staff requests that the applicant clarify or address this discrepancy.

The staff was not able to reproduce the averted cost-risks for internal events with a 7 and 3 percent discount rate (e.g., Tables 7.3-1 and 7.3-2 of the Comanche Peak COL Environmental Report, Revision 3). The staff requests that the applicant clarify how each cost component of the averted cost-risks were determined for internal events with a 7 and 3 percent discount rate. Sufficient details should be provided in this clarification to allow the staff to assess the adequacy of the averted cost calculations. Also, the applicant is requested to include in the environmental report each cost component of the averted cost-risk for a 3 percent discount rate (similar to that of Table 7.3-1, “Monetization of CPNPP Units 3 and 4 US-APWR Base Case, Internal Events Only,” of the Environmental Report).