

## PMComanchePeakPEm Resource

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**From:** Monarque, Stephen  
**Sent:** Saturday, September 05, 2009 1:47 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:** Kallan, Paul; ComanchePeakCOL Resource  
**Subject:** Comanche Peak RCOL Section 2.3.2 - RAI # 45  
**Attachments:** RAI 3556 (RAI 45).doc

The NRC staff has identified that additional information is needed to continue its review of the combined license application. The staff's request for additional information (RAI) is contained in the attachment.

The response to this RAI is due within 44 calendar days of September 5, 2009.

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

thanks,

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

**Hearing Identifier:** ComanchePeak\_COL\_Public  
**Email Number:** 588

**Mail Envelope Properties** (3DF2506A7257014AAC5857E5E852DEAC0762AA828C)

**Subject:** Comanche Peak RCOL Section 2.3.2 - RAI # 45  
**Sent Date:** 9/5/2009 1:47:24 PM  
**Received Date:** 9/5/2009 1:47:27 PM  
**From:** Monarque, Stephen

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

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| MESSAGE               | 570         | 9/5/2009 1:47:27 PM    |
| RAI 3556 (RAI 45).doc | 29690       |                        |

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**Return Notification:** No  
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Request for Additional Information (RAI) No. 3556

RAI # 45

9/5/2009

Comanche Peak Units 3 and 4  
Luminant Generation Company, LLC.  
Docket No. 52-034 and 52-035  
SRP Section: 02.03.02 - Local Meteorology  
Application Section: Local Meteorology

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.02-1

When the NRC staff compared the Combined License (COL) FSAR Table 2.3-284 to FSAR Tables 2.3-272 through 2.3-283, it appeared that the column labels Comanche Peak Nuclear Power Plant (CPNPP) Lower Level and CPNPP Upper levels have been reversed in FSAR Table 2.3-284. Please explain this apparent discrepancy.

02.03.02-2

Regarding the seasonal/annual cooling tower impact (SACTI) cooling tower plume modeling, please describe the input assumptions (including the cooling tower vendor data) and provide an electronic copy of the cooling tower plume modeling SACTI input and output files, including the meteorological data used.

02.03.02-3

Clarify the units in COL FSAR Tables 2.3-327 through 2.3-329. The units in the tables indicate values are per month while the titles of the tables indicate the data are annual values.