PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, November 23, 2010 3:40 PM
To: John.Conly@luminant.com; Donald.Woodlan@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: ComanchePeakCOL Resource; Smith, Rich; Roy, Tarun
Subject: Comanche Peak RCOL Chapter 2, Site Characteristics - RAI Number 190
Attachments: RAI 5250 (RAI 190).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 23, 2010.

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: 1169

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Subject: Comanche Peak RCOL Chapter 2, Site Characteristics - RAI Number 190
Sent Date: 11/23/2010 3:40:19 PM
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From: Monarque, Stephen

Created By: Stephen.Monarque@nrc.gov

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Options
Priority: Standard
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Expiration Date:
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Request for Additional Information (RAI) No. 5250, COLA Revision 1

RAI Number 190

11/23/2010

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 02 - Site Characteristics and Site Parameters
Application Section: Site Characteristics

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02-1

NUREG-0800, Section 2.0 states that for an applicant referencing a DC, acceptance is based on the applicant's demonstration that the characteristics of the site fall within the site parameters of the certified design.

The Comanche Peak Nuclear Power Plant COL FSAR Table 2.0-1R presents the site characteristic tornado maximum wind speed and the site characteristic tornado maximum pressure drop values. These values are compared against the site parameter values given in the US-APWR DCD, Revision 2.

The US-APWR DCD, Revision 2, Table 2.0-1 presents values for the following tornado related site parameters:

- Tornado maximum wind speed
- Tornado maximum rotational wind speed
- Tornado maximum translational wind speed
- Radius of maximum rotational speed
- Tornado maximum pressure drop
- Rate of pressure drop
-

Please update COL FSAR Table 2.0-1R to include a comparison with all of the tornado site parameter values that are presented in the US-APWR DCD, Revision 2.