

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Friday, September 18, 2009 10:22 AM
To: John.Only@luminant.com; Donald.Woodlan@luminant.com; Eric.Evans@luminant.com; cp34-rai-luminant@mnes-us.com; Diane Yeager; joseph tapia; Kazuya Hayashi; Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater
Cc: ComanchePeakCOL Resource
Subject: Comanche Peak RCOL- Section 2.3.5 - RAI # 61
Attachments: RAI 3559 (RAI 61).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 42 calendar days of September 18, 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
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Subject: Comanche Peak RCOL- Section 2.3.5 - RAI # 61
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From: Monarque, Stephen

Created By: Stephen.Monarque@nrc.gov

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RAI 3559 (RAI 61).doc	29178	

Options

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Request for Additional Information (RAI) No. 3559

RAI # 61

9/18/2009

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035

SRP Section: 02.03.05 - Long-Term Atmospheric Dispersion Estimates for Routine Releases
Application Section: Long-Term Atmospheric Dispersion Estimates for Routine Releases

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.03.05-1

By letter dated March 31, 2009, Luminant submitted the XOQDOQ input and output files to the NRC staff. The NRC staff has reviewed these XOQDOQ input files and found these files appear to be based on a joint frequency distribution of only one year (less than 8760 meteorological entries make up the joint frequency distribution).

Please submit the XOQDOQ input files containing data from Years 2001 – 2006. Also, make any necessary changes to the FSAR that may result from updated XOQDOQ runs.

02.03.05-2

Combined License FSAR Section 2.3.5.2.2 discusses the XOQDOQ modeling for the evaporation pond. Please provide XOQDOQ input and output files, as well as an explanation of the assumptions made for the evaporation pond modeling, along with dimensions of the evaporation pond.