

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Thursday, September 03, 2009 3:32 PM
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Cc: ComanchePeakCOL Resource; Kallan, Paul
Subject: Comanche Peak RCOL Section 2.2 - RAI Number 30
Attachments: RAI 2843 (RAI 30).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 42 calendar days of September 3, 2009.

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

thanks,

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

Hearing Identifier: ComanchePeak_COL_Public
Email Number: 573

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Subject: Comanche Peak RCOL Section 2.2 - RAI Number 30
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Request for Additional Information (RAI) No. 2843

RAI # 30

9/3/2009

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

SRP Section: 02.02.01-02.02.02 - Identification of Potential Hazards in Site Vicinity
Application Section: 2.2

QUESTIONS for Siting and Accident Conseq Branch (RSAC)

02.02.01-02.02.02-1

RG 1.206, "Combined License Applications for Nuclear Power Plants (LWR Edition)," (June 2007) provides guidance regarding the information that is needed to ensure potential hazards in the site vicinity are identified and evaluated to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21. The applicant did revise information in FSAR Section 2.2.2.2.8 pertaining to the DeCordova SES industrial facility by stating that it is located 9.35 mi northeast of the center point of CPNPP Units 3 and 4. Provide the conforming revisions to FSAR Sections 2.2.1, 2.2.3.1.1.2, and Figure 2.2-1 as well as FSAR Section 2.2.2.1 and Table 2.2-202 to reflect this revision.

02.02.01-02.02.02-2

RG 1.206 provides guidance regarding the information that is needed to ensure potential hazards in the site vicinity are identified and evaluated to meet the siting criteria in 10 CFR 100.20 and 10 CFR 100.21. FSAR Section 2.2.2.2.10 states that Wheeler Branch Reservoir and Water Treatment Facility is expected to become operational in 2010 and that chlorine cylinders are expected to be stored on-site and used for water treatment. Provide an assessment of the quantities involved and the potential effects on control room habitability from these activities.