

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, August 11, 2009 8:21 AM
To: cp34-rai-luminant@mnes-us.com; Diane Yeager; Donald.Woodlan@luminant.com; Eric.Evans@luminant.com; John.Only@luminant.com; joseph tapia; Kazuya Hayashi; Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater
Cc: ComanchePeakCOL Resource; Ward, William
Subject: Comanche Peak RCOL Section 3.10 - RAI 25
Attachments: RAI 2730 (RAI 25).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 August 11, 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
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Subject: Comanche Peak RCOL Section 3.10 - RAI 25
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From: Monarque, Stephen

Created By: Stephen.Monarque@nrc.gov

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Options

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Request for Additional Information (RAI) No. 2730

RAI No. 25

8/11/2009

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

SRP Section: 03.10 - Seismic and Dynamic Qualification of Mechanical and Electrical Equipment
Application Section: 3.10

QUESTIONS for Engineering Mechanics Branch 2 (ESBWR/ABWR Projects) (EMB2)

03.10-1

Section C.I.3.10.4 of Regulatory Guide (RG) 1.206, 'Combined License Applications for Nuclear Power Plants (LWR Edition)' (June 2007), which establishes the criteria the NRC staff uses to review combined license (COL) applications, provides that the applicant should provide the results of tests and analyses that demonstrate adequate seismic qualification. If the seismic and dynamic qualification testing is incomplete at the time of the COL application, the applicant should include an implementation program, including milestones and completion dates with appropriate information submitted for staff review and approval prior to installation and equipment.

FSAR Section 3.10.4.1 of the Comanche Peak Nuclear Power Plant, Units 3 and 4 (CPNPP) reference COL (RCOL) application [CP COL 3.10(1)], indicates that the plan for the documentation and implementation of the seismic qualification program, including milestones and completion dates with appropriate information submitted with sufficient time for NRC staff review and approval prior to installation of the equipment, would be established by December 2008. However, to date, the NRC staff has not yet received this information. Please provide the implementation plan for the seismic qualification program.

03.10-2

FSAR Section 3.10 of the CPNPP reference combined license (RCOL) application [STD COL 3.10(3)], states that, ". . . an equipment qualification file will be developed six months prior to procurement of equipment that contains . . . equipment qualification summary data sheets (EQSDSs) . . .[.]"

(1) Clarify whether test results will be included in the EQSDSs;

(2) Additionally, inform the NRC staff when the EQSDSs file is complete and available for the NRC staff's review.

(a) If the EQSDS file will be available prior to the Commission's decision on whether to issue a COL, the applicant should provide the NRC staff with enough time to review the qualification file.

- (b) Otherwise, if the file will be available after the Commission's decision on whether to issue a COL, then pursuant to 10 CFR 52.79(d)(3), the applicant is requested to provide a license condition requiring the provision of an equipment qualification file.

03.10-3

By letter dated April 2, 2009, the applicant, Luminant, submitted editorial and technical changes to the FSAR. These changes were dated March 31, 2009. In FSAR Supplemental Submittal titled "FSAR Technical Changes, Update Tracking Report (Technical Correction Version)," dated Mar. 31, 2009, COL Item 3.10(10) is shown as "Deleted from the [design control document] DCD". However, in another FSAR Supplemental Submittal titled "FSAR Editorial Changes, Update Tracking Report (Editorial Correction Version)," dated Mar. 31, 2009, COL Item 3.10(10) remains as a COL Holder Item entry in Table 1.8-201 (sheet 24 of 68). Please clarify whether COL Item 3.10(10) is included in the DCD as a COL Holder Item or is deleted from the DCD.