PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Monday, September 27, 2010 4:56 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; Ward, William
Subject: Comanche Peak RCOL Chapter 3, Section 3.2.2 - RAI Number 180
Attachments: RAI 5090 (RAI 180).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 September 27, 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: 1101

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Subject: Comanche Peak RCOL Chapter 3, Section 3.2.2 - RAI Number 180
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From: Monarque, Stephen

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Options
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Request for Additional Information (RAI) No. 5090, Revision 1

RAI Number 180

9/27/2010

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 03.02.02 - System Quality Group Classification
Application Section: 3.2.2

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

03.02.02-5

Title 10 of the Code of Federal Regulations (CFR), section 52.79(a)(4)(i) requires the applicant to comply with the General Design Criteria (GDC) of 10 CFR 50, Appendix A. GDC 1 requires that SSCs "...important to safety shall be designed, fabricated, erected, and tested to quality standards commensurate with the importance of the safety functions to be performed. Where generally recognized codes and standards are used, they shall be identified and evaluated to determine their applicability, adequacy, and sufficiency and shall be supplemented or modified as necessary to assure a quality product in keeping with the required safety function."

The response to RAI Number 67-(2757), question 03.02.02-1, submitted a list of codes and standards including their editions that apply to the SSCs listed in COLA, Part 2, FSAR Table 3.2-201, but the FSAR was not revised, nor was a commitment made to revise the FSAR, to reflect these codes and standards editions. The response stated that additional codes and standards may be identified during the detailed design and fabrication. The response also stated that a more definitive list will be available onsite during the detailed design phase. To document the latest codes and standards applied, either reference specific editions of codes and standards included in other FSAR sections or revise the FSAR to include the specific code editions described in the RAI response. If the codes and standards and their editions are cited in other sections of the US-APWR DCD or COLA, FSAR, the applicant should identify those sections.

Reference: Luminant Responses to RAIs No. 2757, 2819, 2836, 2837, and 3592; dated November 5, 2009; CP-200901549; Log # TXNB-09061; ML093130123.