PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Friday, September 04, 2009 8:30 PM
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Cc: Ward, William; ComanchePeakCOL Resource
Subject: Comanche Peak RCOL Section 5.2.1.1 - RAI 40
Attachments: RAI 2751 (RAI 40).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 45 calendar days of September 4, 2009**.**

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

thank you,

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

Hearing Identifier: ComanchePeak_COL_Public
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Request for Additional Information (RAI) No. 2751

RAI # 40

9/4/2009

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 05.02.01.01 - Compliance With the Codes and Standards Rule, 10 CFR 50.55a
Application Section: 5.2.1.1

QUESTIONS for Component Integrity, Performance, and Testing Branch 1 (AP1000/EPR Projects) (CIB1)

05.02.01.01-1

Comanche Peak FSAR Section 5.2, "Integrity of Reactor Coolant Pressure Boundary," incorporates by reference US-APWR DCD Tier 2, Subsection 5.2.1.1, "Compliance with 10 CFR 50, Section 50.55a," including Table 5.2.1-1, "Applicable Code Addenda for RCS Class 1 Components," which lists ASME *Boiler and Pressure Vessel Code* (BPV Code), Sections II, III, V, and XI. The NRC staff requests that the Comanche Peak FSAR Subsection 5.2.1.1 specify that preservice and inservice testing of the reactor coolant pressure boundary components will be in accordance with the edition and addenda of the ASME *Code for Operation and Maintenance of Nuclear Power Plants* (OM Code) required by 10 CFR 50.55a as described in the applicable DCD sections for pumps, valves, and dynamic restraints.

05.02.01.01-2

US-APWR DCD Tier 2, Subsection 5.2.1.2 specifies that the COL Applicant will address the addition of ASME Code Cases that are approved in Regulatory Guide (RG) 1.84, "Design, Fabrication, and Materials Code Case Acceptability, ASME Section III," RG 1.147, "Inservice Inspection Code Case Acceptability, ASME Section XI, Division 1," and RG 1.192, "Operation and Maintenance Code Case Acceptability, ASME OM Code." As a replacement for these DCD provisions, Comanche Peak FSAR Subsection 5.2.1.2 (as modified in Editorial Correction Version dated March 31, 2009) states that the CPNPP Units 3 and 4 uses no Code Cases listed in RG 1.84 beyond those listed in the referenced DCD. The FSAR indicates that the use of Code Cases including those listed in RG 1.147 is identified in the inservice inspection program (Subsection 5.2.4 and Section 6.6). The FSAR also states that the use of Code Cases including those listed in RG 1.192 is identified in the inservice testing program (Subsections 3.9.6 and 5.2.4). Clarify that the Code Cases for ASME BPV Code Section XI, and the ASME OM Code, currently planned to be applied at Comanche Peak Units 3 and 4 are those specifically listed in the US-APWR DCD, or identify any additional Code Cases to be used.