

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Friday, September 18, 2009 12:04 PM
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; Ward, William
Subject: Comanche Peak RCOL- Section 5.3.1.6 - RAI # 65
Attachments: RAI 3127 (RAI 65).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 5.3.1.6 - RAI # 65
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From: Monarque, Stephen

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RAI 3127 (RAI 65).doc	29178	

Options

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Request for Additional Information (RAI) No. 3127

RAI # 65

9/18/2009

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 05.03.01 - Reactor Vessel Materials
Application Section: 5.3.1.6 Material Surveillance

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

05.03.01-2

The regulatory basis for this question is 10 CFR Part 50, Appendix H, "Reactor Vessel Material Surveillance Program Requirements."

COL FSAR Section 5.3 states that this section of the referenced design certification document (DCD) is incorporated by reference except for the listed departures and/or supplements.

- a) Section 5.3.1.6.1 of the US-APWR DCD states that the reactor vessel surveillance program (RVSP) test specimens for the base metal are taken from locations near the fracture toughness test specimens required in Section 5.3.1.5. Section 5.3.1.5.1 of the US-APWR DCD states that the fracture toughness specimens are removed from the production material of ferritic pressure boundary forgings in accordance with American Society of Mechanical Engineers Code Section III NB-2220. Confirm that the RVSP test specimens are taken from material used for the reactor vessel beltline.
- b) Section 5.3.1.6.1 of the US-APWR DCD also states that the RVSP test specimens, dosimeters and thermal monitors are assembled into the capsules and then the capsules are sealed and leak tested. Confirm that the RVSP test specimens are sealed in an inert environment.