

PMComanchePeakPEm Resource

From: Stephen Monarque
Sent: Wednesday, April 01, 2009 5:32 PM
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Eric.Evans@luminant.com; John.Only@luminant.com; joseph tapia; Kazuya Hayashi;
Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater
Cc: William Ward; ComanchePeakCOL Resource
Subject: Comanche Peak RAI #2 - FSAR Section 5.3.2
Attachments: RAI 2317.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. Within five calendar days of the date of this letter, please indicate if you wish to have a conference call. The response to this RAI is due within 35 calendar days of April 1, 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: 172

Mail Envelope Properties (3DF2506A7257014AAC5857E5E852DEAC05E2AE34D8)

Subject: Comanche Peak RAI #2 - FSAR Section 5.3.2
Sent Date: 4/1/2009 5:32:15 PM
Received Date: 4/1/2009 5:32:16 PM
From: Stephen Monarque

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Files	Size	Date & Time
MESSAGE	667	4/1/2009 5:32:16 PM
RAI 2317.doc	30714	

Options

Priority: Standard
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Request for Additional Information No. 2317 Revision 0

4/1/2009

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

SRP Section: 05.03.02 - Pressure-Temperature Limits, Upper-Shelf Energy, and Pressurized Thermal Shock

Application Section: 10 CFR 50.61

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

05.03.02-1

The as-procured reactor vessel material properties will be available to the COL holder after the acceptance of the reactor vessel. In order to provide sufficient time for projected values of reference temperature pressurized thermal shock (RT_{PTS}) values, using the as-procured reactor vessel material properties to be verified by the NRC, the staff requests that a more specific and timely milestone for submitting the pressurized thermal shock (PTS) evaluation to the NRC staff. Therefore, the NRC staff requests that a license condition be added, related to Section 5.3.2.3 that states, within a reasonable period of time following acceptance of the reactor vessel (e.g., 1 year after acceptance of the reactor vessel), the COL holder will submit to the NRC staff its plant-specific, projected values of RT_{PTS} for each reactor vessel beltline material for the end-of-life fluence of the material.