

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, May 29, 2012 9:10 AM
To: John.Only@luminant.com; Donald.Woodlan@luminant.com; 'cp34-rai-luminant@mnes-us.com'; Eric.Evans@luminant.com; joseph tapia; 'Kazuya Hayashi'; 'Russ Bywater'; MNES RAI mailbox (cp34-rai-luminant@mnes-us.com); na3raidommailbox@dom.com
Cc: ComanchePeakCOL Resource; Reyes, Ruth
Subject: Comanche Peak RCOL Chapter 19 Section 19.1 - RAI Number 259 -
Attachments: RAI 6441 (RAI 259).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 **May 29, 2012**.

Note: The NRC staff requests that the RAI response include any proposed changes to the FSAR.

thanks,

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. 6441 COLA, Revision 2

RAI Letter Number 259

5/29/2012

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

SRP Section: 19 - Probabilistic Risk Assessment and Severe Accident Evaluation
Application Section: 19.1

QUESTIONS for PRA and Severe Accidents Branch (SPRA)

19-20

(Follow-up to RAI Letter Number 230 (6001), Question 19-16) Please address the following items:

a) The response to Items 2 and 6 of Question 19-16 stated that "Changes to the description related to the initial assessment for fire and other external events in Section 4.0 Step 10 of NEI 04-10 Rev 1 have also been made in conjunction with response to item 2 of this RAI question." The staff finds that similar changes (e.g., use of seismic PRA in lieu of seismic margins) should also be made to the seismic events discussed in NEI 06-09 and NEI 04-10 applicable to new reactors. Luminant is requested to revise the methodology relative to NEI 04-10, Rev. 1, Section 4.0, Step 10 "Initial Assessment for Seismic Events" similar to the revision to the "Initial Assessment for Fire Events."

b) It should be noted that the term "other external events" mentioned in the ASME/ANS PRA Standard does not implicitly include seismic, high wind, and external flood events, and thus this term should be used carefully. Luminant is requested to revise the methodology relative to NEI 06-09, Rev. 0 to specifically include seismic, high wind, and external flood events in addition to the term "other external events" in Sections 3.3.5 and 4.1.

c) The response to Question 19-16, stated that "The methodology document has been revised to address requirements of 10 CFR 50.71 (h1), (h2) and (h3)." Luminant is requested to revise the document to show 10 CFR 50.71(h)(1), (h)(2), and (h)(3), instead of (h1), (h2), and (h3) as stated in the response.