

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Saturday, September 05, 2009 2:11 PM
To: Donald.Woodlan@luminant.com; John.Conly@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 Section 3.2.1 - RAI # 47
Attachments: RAI 2758 (RAI 47).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 44 calendar days of September 5, 2009.

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

thanks,

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

Hearing Identifier: ComanchePeak_COL_Public
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From: Monarque, Stephen

Created By: Stephen.Monarque@nrc.gov

Recipients:

"ComanchePeakCOL Resource" <ComanchePeakCOL.Resource@nrc.gov>

Tracking Status: None

"Ward, William" <William.Ward@nrc.gov>

Tracking Status: None

"Donald.Woodlan@luminant.com" <Donald.Woodlan@luminant.com>

Tracking Status: None

"John.Only@luminant.com" <John.Only@luminant.com>

Tracking Status: None

"cp34-rai-luminant@mnes-us.com" <cp34-rai-luminant@mnes-us.com>

Tracking Status: None

"Diane Yeager" <diane_yeager@mnes-us.com>

Tracking Status: None

"Eric.Evans@luminant.com" <Eric.Evans@luminant.com>

Tracking Status: None

"joseph tapia" <joseph_tapia@mnes-us.com>

Tracking Status: None

"Kazuya Hayashi" <kazuya_hayashi@mnes-us.com>

Tracking Status: None

"Matthew.Weeks@luminant.com" <Matthew.Weeks@luminant.com>

Tracking Status: None

"MNES RAI mailbox" <cp34-rai@mnes-us.com>

Tracking Status: None

"Russ Bywater" <russell_bywater@mnes-us.com>

Tracking Status: None

Post Office: HQCLSTR02.nrc.gov

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RAI 2758 (RAI 47).doc	29178	

Options

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Request for Additional Information (RAI) No. 2758

RAI # 47

9/5/2009

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 03.02.01 - Seismic Classification
Application Section: 3.2.1

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

03.02.01-1

10 CFR Part 50, Appendix S, IV(a)(2)(i)(B)(I) states that structures systems and components (SSCs) necessary for continued operation without undue risk to the health and safety of the public must remain functional and within applicable stress, strain, and deformation limits when subject to the effects of the Operating Basis Earthquake (OBE) Ground Motion with normal operating loads. NUREG-0800, Standard Review Plan (SRP) 3.2.1, Areas of Review, item 3, states that, if the applicant has set the OBE Ground Motion to the value one-third of the safe shutdown earthquake (SSE) Ground Motion, then the applicant should also provide a list of SSCs necessary for continued safe operation that must remain functional without undue risk to the health and safety of the public and within applicable stress, strain and deformation, during and following the OBE. Comanche Peak Nuclear Power Plant, Units 3 and 4 FSAR Section 3.7.1.1 states that the value of the OBE ground motion that serves as the basis for defining the criteria for shutdown of the plant is 1/3 of the site-specific SSE ground motion.

Provide the list of site-specific SSCs necessary for continued operation as discussed in SRP 3.2.1, Areas of Review, item 3. If there are no site-specific SSCs necessary for continued operation, state that in the COLA FSAR.

03.02.01-2

Combined License application, FSAR Table 3.2-201, Sheet 1 of 3, includes ultimate heat sink basin blowdown control valves ESW-HVC-2000, 2001, 2002, 2003; however, these valves cannot be located on the essential service water system piping and instrumentation diagrams (Figure 9.2.1-1R). Please confirm that the valve IDs (HVC, HCV?) are correct.