

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Thursday, March 31, 2011 8:37 AM
To: John.Only@luminant.com; Donald.Woodlan@luminant.com; cp34-rai-luminant@mnes-us.com; Eric.Evans@luminant.com; joseph tapia; Kazuya Hayashi; Matthew.Weeks@luminant.com; MNES RAI mailbox; Russ Bywater
Cc: ComanchePeakCOL Resource; Kallan, Paul
Subject: Comanche Peak RCOL Chapter 5 - section 5.2.4 - RAI Number 214
Attachments: RAI 5677 (RAI 214).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 **15** calendar days of March 31, 2011.

Note: The NRC staff requests that the RAI response include the 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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From: Monarque, Stephen

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Request for Additional Information (RAI) No. 5677, COLA Revision 1

RAI Letter Number 214

3/31/2011

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

SRP Section: 05.02.04 - Reactor Coolant Pressure Boundary Inservice Inspection and Testing
Application Section: 5.2.4

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

05.02.04-2

NUREG-0800, Standard Review Plan Section 5.2.4, "Reactor Coolant Pressure Boundary Inservice Inspection and Testing," and SECY-05-0197, "Review of Operational Programs in a Combined License Application and Generic Emergency Planning Inspections, Tests, Analyses, and Acceptance Criteria," establish criteria that the staff uses to evaluate whether an Applicant meets the NRC's regulations regarding coolant reactor pressure boundary inservice inspection.

A COL applicant should fully describe operational programs as defined in SECY-05-0197. As discussed in SECY-05-0197, the applicant should provide schedules for implementation milestones for these operational programs. The preservice inspection (PSI) and inservice inspection (ISI) programs are identified as operational programs in Regulatory Guide (RG) 1.206, C.I.5.2.4.1 and C.I.5.2.4.2. As discussed in RG 1.206, a fully described PSI and ISI program should address:

(1) system boundary subject to inspection; (2) accessibility; (3) examination categories and methods; (4) inspection intervals; (5) evaluation of examination results; (6) system pressure tests; (7) Code exemptions; (8) relief requests; and (9) ASME Code Cases.

Due to the scope of this operational program, submittal of the schedule for this program development is necessary to in order for the staff to plan and conduct NRC inspections during construction. During construction, the staff must be able to inspect the construction and nondestructive examination of the plant for conformance to the regulations and the ASME Code of record. Therefore, the staff is proposing the Applicant implement the following license condition in COLA, Part 10 and Part 2 FSAR, Table 13.4-201:

The licensee shall submit to the Director of NRO, a schedule, no later than 12 months after issuance of the COL, that supports planning and conduct of NRC inspections of the PSI/ISI program (including augmented ISI program). The schedule shall be updated every 6 months until 12 months before scheduled fuel load, and every month thereafter until either the PSI/ISI (including augmented ISI program) have been fully implemented or the plant has been placed in commercial service, whichever comes first.