

PMComanchePeakPEm Resource

From: Monarque, Stephen
Sent: Tuesday, October 19, 2010 5:31 PM
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Cc: ComanchePeakCOL Resource; Otto, Ngola
Subject: Comanche Peak RCOL Chapter 8, Section 8.4 - RAI Number 183
Attachments: RAI 5117 (RAI 183).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 October 19, 2010.

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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Options

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Request for Additional Information (RAI) No. 5117, COLA Revision 1

RAI Number 183

10/19/2010

Comanche Peak Units 3 and 4
Luminant Generation Company, LLC.
Docket No. 52-034 and 52-035
SRP Section: 08.04 - Station Blackout
Application Section: 8.4

QUESTIONS for Electrical Engineering Branch (EEB)

08.04-1

The regulatory basis for this question is discussed in NUREG-0800, Standard Review Plan (SRP), Section 8.4 and Regulatory Guide 1.155.

The US-APWR DCD, Tier 2, Section 8.4.2.2, "Conformance with Regulatory Guidance," states that the applicant's conformance with Position C.3.4 of Regulatory Guide 1.155, "Station Blackout," would be demonstrated by providing procedures and training to cope with Station Blackout (SBO). US-APWR DCD, FSAR Section 13.5, "Plant Procedures," explains that the development of administrative and operating procedures to be used by the operating organization (plant staff) is designated as the responsibility of the COL Applicant. Therefore, a COL applicant referencing the US-APWR design is responsible for SBO procedures, which include (1) Station Blackout Response Guidelines, (2) AC Power restoration Guidelines and (3) Severe Weather Guidelines. Confirm whether these procedures and training are addressed in the COL, Part 2, FSAR with references to the DCD FSAR description. If these procedures are not addressed in the COL FSAR, provide the procedures and revise the FSAR to reflect the addition of these procedures.

08.04-2

The regulatory basis for this question is discussed in NUREG-0800, Standard Review Plan (SRP), Section 8.4.

NUMARC 8700, item B10, endorsed by NRC staff in RG 1.155, states that the AAC power source shall be started and brought to operating conditions that are consistent with its functions as an AAC source at intervals not longer than three months, following manufacturer's recommendations. Once every refueling outage, a timed start and rated load capacity test shall be performed. Describe how Luminant would satisfy the above test requirements at Comanche Peak Nuclear Power Plant, Units 3 and 4.

08.04-3

The regulatory basis for this question is discussed in NUREG-0800, Standard Review Plan (SRP), Section 8.4.

NUMARC 8700, item B11, endorsed by RG 1.155, states that surveillance and maintenance procedures for the AAC system shall be implemented considering manufacturer's recommendations or in accordance with plant developed procedures. Describe how Luminant would satisfy the above procedures at Comanche Peak Nuclear Power Plant, Units 3 and 4.