

## PMComanchePeakPEm Resource

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**Sent:** Wednesday, November 07, 2012 1:38 PM  
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**Cc:** ComanchePeakCOL Resource; Kallan, Paul  
**Subject:** Comanche Peak RCOL Chapter 9 - RAI Number 266  
**Attachments:** RAI\_6898 (RAI 266).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 **November 7, 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  
**Email Number:** 1762

**Mail Envelope Properties** (9C2386A0C0BC584684916F7A0482B6CAB3D7D67477)

**Subject:** Comanche Peak RCOL Chapter 9 - RAI Number 266  
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**Received Date:** 11/7/2012 1:37:55 PM  
**From:** Monarque, Stephen

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**Request for Additional Information 266 (6898)**

Issue Date: 11/7/2012

Application Title: Comanche Peak Units 3 and 4 - Dockets 52-034 and 52-035

Operating Company: Luminant Generation Company, LLC.

Review Section: 09.04.05 - Engineered Safety Feature Ventilation System

Application Section: SRP 9.4.5, SRP 9.4.3

QUESTIONS

09.04.05-26

Following the guidance of SRP 9.4.5 Section III "Review Procedures":

The staff noted that FSAR Revision 3 Table 9.4-201 indicates in-duct heaters to the MCR/Class 1E Electrical HVAC Equipment Room for only Trains B & C. This configuration was represented in Figure 9.4-202 "Class 1E Electrical Room HVAC System Flow Diagram" of FSAR Revision 2. FSAR Revision 3 deleted Figure 9.4-202 from the RCOLA. DCD Revision 3 Figure 9.4.5-2 has been incorporated by reference in RCOLA FSAR Revision 3. However, DCD Revision 3 Figure 9.4.5-2 indicates that all four MCR/Class 1E Electrical HVAC Equipment Rooms (i.e. Trains A, B, C & D) have in-duct heaters which is not entirely consistent with the information presented in FSAR Revision 3 Table 9.4-201. Based on this lack of clarity of a safety related system, the staff requests that the applicant amend the FSAR to ensure a clear and identifiable licensing basis.

09.04.05-27

For FSAR subsection 9.4.3.2.2 "Non-Class 1E Electrical Room HVAC System," according to the application, the second sentence of the second paragraph will be replaced with the words "Each air handling unit consists of, in the direction of airflow, a low efficiency profiler, a high efficiency filter, a chilled water cooling coil, a supply fan, and associated controls."

The staff notes that FSAR subsection 9.4.3.2.2 has been given the left margin annotation as "STD COL 9.4.4". The staff notes that the changes to the second sentence of the second paragraph, as captured in the paragraph above, may involve site specific information since subsequent COLAs may have the need for heating coils to be installed in the air handling units of the Non-Class 1E Electrical Room HVAC System. More specifically, FSAR subsection 9.4.3.2.2 may alternatively be annotated as site specific (e.g. CP COL 9.4(4)).

The staff request confirmation if the annotation should be standard or site specific and request that the FSAR be amended, if appropriate.