

**Lent, Susan**

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**From:** Singal, Balwant  
**Sent:** Tuesday, February 19, 2013 9:16 AM  
**To:** 'Hope, Timothy'  
**Cc:** 'Jack.Hicks@luminant.com'  
**Subject:** Relief Request P-1 - Request for Additional Information (TAC ME9259 and ME9260)  
**Attachments:** RAI.docx

Tim,

By letter dated August 16, 2012, Luminant Generation Company LLC submitted Relief Request (RR) P-1 for U.S. Nuclear Regulatory Commission (NRC) staff review and approval. The NRC staff needs the attached additional information to complete its review. A Draft copy of the Request for Additional Information (RAI) was forwarded on February 13, 2013. Mr. Jack Hicks informed us on February 19, 2013 that a clarification call is not needed.

Please treat this e-mail as formal transmittal of RAIs and you are requested to provide your response within 30 days from the date of this e-mail.

Please contact me at 301-415-3016 for any questions.

Thanks.

Balwant K. Singal  
Senior Project Manager (Comanche Peak and STP)  
Nuclear Regulatory Commission  
Division of Operating Reactor Licensing  
[Balwant.Singal@nrc.gov](mailto:Balwant.Singal@nrc.gov)  
Tel: (301) 415-3016  
Fax: (301) 415-1222



**REQUEST FOR ADDITIONAL INFORMATION (RAI)  
LUMINANT GENERATION COMPANY LLC  
COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2  
RELIEF REQUEST (RR) P-1  
DOCKET NUMBERS 50-445 AND 50-446  
(TAC NOS. ME9259 AND ME9260)**

**RAI-1**

In your letter dated August 16, 2012 (ADAMS Accession No. ML12240A052), it is stated that a RR P-2 similar to RR P-1 was authorized, by the U.S. Nuclear Regulatory Commission (NRC) staff pursuant to Title 10 of the *Code of Federal Regulations* (10 CFR), paragraph 50.55a(a)(3)(ii) for the second 10-year Inservice Testing (IST) program interval (ADAMS Accession No. ML091620548). The current RR P-1 is similar but not exactly the same as the previous RR, P-2. In RR P-2, relief was only requested from the requirements of ISTB-5200(a)(1), "Duration of Tests," ISTB-5221, "Group A Test Procedures," and ISTB-5223, "Comprehensive Test Procedure." However, in the current RR P-1, additional relief is requested from the requirements of ISTB-3540(b), "Vibration."

Since relief from ISTB-3540(b) was not requested in RR P-2, pump testing for vertical line draft pumps, CP1-WPAPSS-01, CP1-WPAPSS-02, CP1-WPAPSS-03, CP1-WPAPSS-04, CP2-WPAPSS-01, CP2-WPAPSS-02, CP2-WPAPSS-03, and CP2-WPAPSS-04, should have been performed in accordance with the vibration requirements of ISTB-3540(b). Please describe how the requirements of ISTB-3540(b) were met during the second 10-year IST program interval.

**RAI-2**

In Section 5 of the letter dated August 16, 2012, it is stated that vibration will be measured in a single direction due to the short pump run time and the ability to acquire a single vibration reading during this time period. ISTB-3540(b) requires that for vertical line shaft pumps, measurements shall be taken on the upper motor-bearing housing in three approximately orthogonal directions, one of which is the axial direction. Vibration measurements are normally taken simultaneously during the pump run. Therefore, please provide more details or justification why the vibration measurements cannot be taken during the pump run and justify that a single vibration reading is an acceptable alternative to the ISTB-3540(b) requirements.