



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

June 9, 2014

Mr. Rafael Flores  
Senior Vice President and  
Chief Nuclear Officer  
Attention: Regulatory Affairs  
Luminant Generation Company LLC  
P.O. Box 1002  
Glen Rose, TX 76043

SUBJECT: COMANCHE PEAK NUCLEAR POWER PLANT, UNIT 1 – REVIEW OF THE  
2013 STEAM GENERATOR INSPECTIONS DURING REFUELING OUTAGE 16  
(TAC NO. MF2902)

Dear Mr. Flores:

By letter dated October 15, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13304A711), Luminant Generation Company, LLC (the licensee), submitted information summarizing the results of the 2013 steam generator inspections performed at the Comanche Peak Nuclear Power Plant (CPNPP), Unit 1, during refueling outage 16.

The U.S. Nuclear Regulatory Commission (NRC) staff has completed its review of the submittal and concludes that the licensee provided the information required by the CPNPP, Unit 1, technical specifications. No additional follow-up is required at this time. The results of the NRC staff's review and observations are enclosed.

If you have any questions, please contact me at (301) 415-3016 or via e-mail at [balwant.singal@nrc.gov](mailto:balwant.singal@nrc.gov).

Sincerely,

A handwritten signature in black ink, reading "Balwant K. Singal for".

Balwant K. Singal, Senior Project Manager  
Plant Licensing Branch IV-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-445

Enclosure:  
As stated

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REVIEW OF THE 2013 STEAM GENERATOR INSPECTIONS

LUMINANT GENERATION COMPANY LLC

COMANCHE PEAK NUCLEAR POWER PLANT, UNIT 1

DOCKET NO. 50-445

By letter dated October 15, 2013 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML13304A711), Luminant Generation Company, LLC (the licensee), submitted information summarizing the results of the 2013 steam generator (SG) inspections performed at the Comanche Peak Nuclear Power Plant (CPNPP), Unit 1, during refueling outage 16.

CPNPP, Unit 1 has four Westinghouse Model Delta 76 SGs. Each steam generator contains 5,532 thermally treated Alloy 690 tubes. Each tube has a nominal outside diameter of 0.750 inches and a nominal wall thickness of 0.043 inches; except for the row 1 and 2 tubes, which have a nominal wall thickness of 0.044 inches. The tubes were hydraulically expanded at both ends for the full depth of the tubesheet. The tubes are supported by four sets of stainless steel anti-vibration bars (AVBs) and 10 stainless steel tube support plates (TSPs). Both the AVBs and TSPs are made of Type 405 stainless steel.

The licensee provided the scope, extent, methods, and results of its SG tube inspections in the document referenced above. In addition, the licensee described corrective actions, such as tube plugging, taken in response to the inspection findings.

Based on a review of the information provided, the U.S. Nuclear Regulatory Commission (NRC) staff concludes that the licensee provided the information required by its technical specifications. In addition, the staff concludes there are no technical issues that warrant follow-up action at this time, since the inspections appear to be consistent with the objective of detecting potential tube degradation and the inspection results appear to be consistent with industry operating experience at similarly designed and operated units.

Enclosure

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*/RA by PBamford for/*

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ADAMS Accession No. ML14153A020

\*Memo dated May 21, 2014

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