



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
1600 EAST LAMAR BLVD  
ARLINGTON, TEXAS 76011-4511

March 4, 2013

Rafael Flores, Senior Vice President  
and Chief Nuclear Officer  
Luminant Generation Company, LLC  
Comanche Peak Nuclear Power Plant  
P.O. Box 1002  
Glen Rose, TX 76043

SUBJECT: ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER  
PLANT, UNITS 1 AND 2 (REPORT 05000445/2012801 AND  
05000446/2012801)

Dear Mr. Flores:

On February 12, 2013, the NRC completed its end-of-cycle performance review of Comanche Peak Nuclear Power Plant, Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012, through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

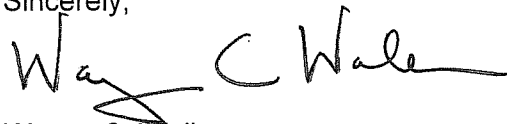
The NRC determined that overall, Comanche Peak Nuclear Power Plant, Units 1 and 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Comanche Peak Nuclear Power Plant, Units 1 and 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 817-200-1148 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink that reads "Wayne C. Walker". The signature is written in a cursive style with a large, stylized "W" and "C".

Wayne C. Walker  
Chief, Reactor Projects Branch A  
Division of Reactor Projects

Docket Nos. 05000445, 05000446  
License Nos. NPF-87, NPF-89

Enclosure:  
Comanche Peak Nuclear Power Plant Inspection Plan/Activity Plan

Comanche Peak  
 Inspection / Activity Plan  
 03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	03/04/2013 03/08/2013	<b>EXAM</b> X02501	<b>- INITIAL LICENSED OPERATOR EXAM</b> INITIAL EXAM UNIT 1 CP 4/1/2012)	5
1	04/01/2013 04/12/2013	X02501	INITIAL EXAM UNIT 1 CP 4/1/2012)	
1,2	01/01/2013 06/30/2013	<b>2515/182</b> IP 2515/182	<b>- UNDERGROUND PIPING PHASE 1</b> Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1,2	01/01/2013 12/31/2013	<b>2515/188</b> IP 2515/188	<b>- SEISMIC WALKDOWNS</b> Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
1,2	04/01/2013 04/05/2013	<b>PSB2</b> IP 71124.01	<b>- RADIATION SAFETY</b> Radiological Hazard Assessment and Exposure Controls	2
1,2	04/01/2013 04/05/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	04/01/2013 04/05/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	04/01/2013 04/05/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
1	04/01/2013 04/12/2013	<b>PSB2-ISI</b> IP 7111108P	<b>- INSERVICE INSPECTION</b> Inservice Inspection Activities - PWR	2
1,2	05/20/2013 06/21/2013	<b>EB1-21</b> IP 7111121	<b>- COMPONENT DESIGN BASIS INSPECTION</b> Component Design Bases Inspection	6
1,2	09/09/2013 09/13/2013	<b>EB2-MSO</b> IP 71152-Reviews	<b>- CORRECTIVE ACTIONS FOR MSO'S</b> In-depth Reviews	2
1,2	10/07/2013 10/11/2013	<b>EP-3</b> IP 71151-EP01	<b>- EP PERFORMANCE INDICATORS</b> Drill/Exercise Performance	1
1,2	10/07/2013 10/11/2013	IP 71151-EP02	ERO Drill Participation	
1,2	10/07/2013 10/11/2013	IP 71151-EP03	Alert & Notification System	
1,2	10/07/2013 10/11/2013	<b>EP1</b> IP 7111407	<b>- BIENNIAL EXERCISE INSPECTION</b> Exercise Evaluation - Hostile Action (HA) Event	5
1,2	10/21/2013 10/25/2013	<b>PI&amp;R 52B</b> IP 71152B	<b>- BIENNIAL PI&amp;R</b> Problem Identification and Resolution	4
1,2	11/04/2013 11/08/2013	IP 71152B	Problem Identification and Resolution	
1,2	12/09/2013 12/13/2013	<b>PSB2-RP</b> IP 71124.02	<b>- RADIATION SAFETY</b> Occupational ALARA Planning and Controls	2
1,2	12/09/2013 12/13/2013	IP 71124.04	Occupational Dose Assessment	
1,2	01/27/2014 01/31/2014	<b>EB2-05T</b> IP 7111105T	<b>- TRIENNIAL FIRE PROTECTION INSPECTION</b> Fire Protection [Triennial]	4
1,2	02/10/2014 02/14/2014	IP 7111105T	Fire Protection [Triennial]	

This report does not include INPO and OUTAGE activities.  
 This report shows only on-site and announced inspection procedures.

Comanche Peak

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		RS12	- RADIATION SAFETY	2
1, 2	04/07/2014 04/11/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/07/2014 04/11/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	04/07/2014 04/11/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	04/07/2014 04/11/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	

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