



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

September 3, 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: MID-CYCLE ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR
POWER PLANT, UNITS 1 AND 2 (REPORT 05000445/2013006 AND
05000446/2013006)

Dear Mr. Flores:

On August 13, 2013, the NRC completed its mid-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 July 1, 2012, through June 30, 2013. 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 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 December 31, 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 end-of-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.

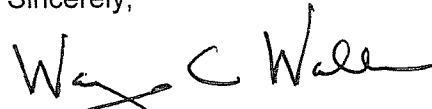
In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web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

R. Flores

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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, prominent "W" and "C".

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

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

Enclosure: Comanche Peak Nuclear Power Plant, Units 1 and 2 Inspection / Activity Plan

Enclosure - Inspection Plan
Comanche Peak
Inspection / Activity Plan
09/01/2013 - 12/31/2014

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Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	05/12/2014	05/16/2014	EXAM X02524	- INITIAL OPERATOR EXAM INITIAL EXAM-CP UNIT 1 (03/2012)	5
2	05/12/2014	05/16/2014	X02525	INITIAL EXAM- CP UNIT 2 (3/2014)	
1	06/09/2014	06/13/2014	X02524	INITIAL EXAM-CP UNIT 1 (03/2012)	
2	06/09/2014	06/13/2014	X02525	INITIAL EXAM- CP UNIT 2 (3/2014)	2
1,2	09/09/2013	09/13/2013	EB2-MSO IP 71152-Reviews	- CORRECTIVE ACTIONS FOR MSO'S In-depth Reviews	
1,2	09/16/2013	09/20/2013	ISFSI IP 60855.1	- ROUTINE ISFSI INSPECTION Operation of an Independent Spent Fuel Storage Installation at Operating Plants	1
1,2	10/07/2013	10/11/2013	EP-3 IP 71151-EP01	- EP PERFORMANCE INDICATORS 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	EP1 IP 7111407	- BIENNIAL EXERCISE INSPECTION Exercise Evaluation - Hostile Action (HA) Event	5
1,2	10/21/2013	10/25/2013	PI&R 52B IP 71152B	- BIENNIAL PI&R 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	PSB2-RP IP 71124.02	- RADIATION SAFETY Occupational ALARA Planning and Controls	2
1,2	12/09/2013	12/13/2013	IP 71124.04	Occupational Dose Assessment	
1,2	12/09/2013	12/13/2013	TI-182 IP 2515/182	- BURIED PIPING Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1,2	01/27/2014	01/31/2014	EB2-05T IP 7111105T	- TRIENNIAL FIRE PROTECTION INSPECTION Fire Protection [Triennial]	4
1,2	02/10/2014	02/14/2014	IP 7111105T	Fire Protection [Triennial]	
1,2	04/07/2014	04/11/2014	RS12 IP 71124.01	- RADIATION SAFETY Radiological Hazard Assessment and Exposure Controls	2
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	
2	04/07/2014	04/18/2014	71111.08 IP 7111108P	- CP 2R14 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1

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

Comanche Peak

Inspection / Activity Plan

09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		EP-1 - EP PERFORMANCE INDICATORS		1
1, 2	04/28/2014 05/02/2014	IP 71151-EP01	Drill/Exercise Performance	
1, 2	04/28/2014 05/02/2014	IP 71151-EP02	ERO Drill Participation	
1, 2	04/28/2014 05/02/2014	IP 71151-EP03	Alert & Notification System	
		EP-2 - EP PROGRAM INSPECTION		1
1, 2	04/28/2014 05/02/2014	IP 7111402	Alert and Notification System Testing	
1, 2	04/28/2014 05/02/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	04/28/2014 05/02/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
		EB1-07T - TRIENNIAL HEAT SINK INSPECTION		1
1, 2	07/07/2014 07/11/2014	IP 7111107T	Heat Sink Performance	
		71111.08 - CP 1R17 INSERVICE INSPECTION		1
1	10/13/2014 10/24/2014	IP 7111108P	Inservice Inspection Activities - PWR	
		INSP - BIENNIAL		3
1, 2	11/17/2014 11/21/2014	IP 7111111B	Licensed Operator Requalification Program	
		RS 5678 - RADIATION PROTECTION - PUBLIC SAFETY		5
1, 2	12/08/2014 12/12/2014	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	12/08/2014 12/12/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	12/08/2014 12/12/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	12/08/2014 12/12/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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