



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

September 4, 2012

Mr. 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 LETTER FOR COMANCHE PEAK NUCLEAR POWER
PLANT UNITS 1 AND 2 (REPORTS 05000445/2012006
AND 05000446/2012006)

Dear Mr. Flores:

On August 14, 2012, the U.S. Nuclear Regulatory Commission (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, 2011, through June 30, 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 security inspection plan will be sent via separate correspondence.

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, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI-188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." 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.

R. Flores

- 2 -

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 may have regarding this matter.

Sincerely,

A handwritten signature in black ink that reads "Wayne C. Walker". The signature is fluid and cursive, with the first name "Wayne" being the most prominent.

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

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

Enclosure: Comanche Peak Nuclear Power Plant Inspection/Activity Plan

cc w/Enclosure: Electronic Distribution

**Comanche Peak
Inspection / Activity Plan
09/01/2012 - 12/31/2013**

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1, 2	03/01/2012	12/31/2012	2515\182 - UNDERGROUND PIPING PHASE 1		2
			IP 2515\182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
1, 2	07/01/2012	12/31/2012	2515\187 - FLOODING WALKDOWNS		2
			IP 2515\187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
1, 2	07/01/2012	12/31/2012	2515\188 - SEISMIC WALKDOWNS		2
			IP 2515\188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
2	10/08/2012	10/21/2012	PSB2-08 - INSERVICE INSPECTION - U2		3
			IP 7111108P	Inservice Inspection Activities - PWR	
1, 2	10/15/2012	10/19/2012	RS12 - RADIATION SAFETY		2
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/15/2012	10/19/2012	IP 71124.02	Occupational ALARA Planning and Controls	
1	10/15/2012	10/19/2012	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1	10/15/2012	10/19/2012	IP 71151-PR01	RETS/DDCM Radiological Effluent	
1	03/04/2013	03/08/2013	EXAM - INITIAL LICENSED OPERATOR EXAM		5
			X02501	INITIAL EXAM UNIT 1 CP 4/1/2012)	
1	04/01/2013	04/12/2013	X02501	INITIAL EXAM UNIT 1 CP 4/1/2012)	
1, 2	12/03/2012	12/07/2012	BRQ - BRQ INSPECTION		3
			IP 7111111B	Licensed Operator Requalification Program	
1, 2	12/03/2012	12/07/2012	RS5678 - RADIATION SAFETY TEAM INSPECTION		4
			IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	12/03/2012	12/07/2012	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	12/03/2012	12/07/2012	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	12/03/2012	12/07/2012	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1, 2	01/01/2013	06/30/2013	2515\182 - UNDERGROUND PIPING PHASE 1		2
			IP 2515\182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
1, 2	01/01/2013	12/31/2013	2515\187 - FLOODING WALKDOWNS		2
			IP 2515\187	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	
1, 2	01/01/2013	12/31/2013	2515\188 - SEISMIC WALKDOWNS		2
			IP 2515\188	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	
1	03/05/2013	03/16/2013	PSB2-ISI - INSERVICE INSPECTION		1
			IP 7111108P	Inservice Inspection Activities - PWR	
1, 2	03/18/2013	03/22/2013	PSB2 - RADIATION SAFETY		2
			IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/18/2013	03/22/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
2	03/18/2013	03/22/2013	PSB2 - RADIATION SAFETY IP 71151-OR01	Occupational Exposure Control Effectiveness	2
1	03/18/2013	03/22/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
1,2	05/20/2013	06/21/2013	EB1-21 - COMPONENT DESIGN BASIS INSPECTION IP 7111121	Component Design Bases Inspection	6
1,2	10/07/2013	10/11/2013	EP1 - BIENNIAL EXERCISE INSPECTION IP 7111401	Exercise Evaluation	5
1,2	10/21/2013	11/08/2013	PI&R 52B - BIENNIAL PI&R IP 71152B	Problem Identification and Resolution	4
1,2	12/09/2013	12/13/2013	PSB2-RP - RADIATION SAFETY IP 71124.02	Occupational ALARA Planning and Controls	2
1,2	12/09/2013	12/13/2013	IP 71124.04	Occupational Dose Assessment	

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