



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

March 5, 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: ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER
PLANT UNITS 1 AND 2 (REPORT 05000445/2012001 AND 05000446/2012001)

Dear Mr. Flores:

On February 14, 2012, 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, 2011, through December 31, 2011. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information. A separate letter will include the NRC's assessment of your performance in the Security Cornerstone and its security-related inspection plan.

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 NRC identified a cross-cutting theme in the resources component of the human performance cross-cutting area. Specifically, the NRC identified four green findings in the resources component of the human performance cross-cutting area for failure to provide complete and accurate procedures [H.2(c)]. The NRC determined that a substantive cross-cutting issue (SCCI) does not exist because your improvement initiatives and proposed corrective actions appear to provide sufficient scope to address the theme. The NRC will continue to monitor your staff's effort and progress in addressing the theme until the theme criteria are no longer met.

The enclosed inspection plan lists the inspections scheduled through June 30, 2013. 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

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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.

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,

/RA/

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/Activity Plan

cc w/Enclosure: Distribution via ListServe

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File located: R: Reactors\EOC 2011\CP EOC Letter 2011.docx

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SUNSI Review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	WW
Publicly Avail	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	WW
A:DRP/A signature	D:DRS	D:DRP			
WCWalker	AVegel	KKennedy			
/RA/	T.Blount for	/RA/			
2/28/12	2/28/12	2/29/12			

Comanche Peak

Inspection / Activity Plan

04/01/2012 - 06/30/2013

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
1	05/14/2012	05/18/2012	EXAM X02484	- INITIAL OPERATOR EXAM INITIAL EXAM - UNIT 1 - CP (04/2012)	5
2	05/14/2012	05/18/2012	X02485	INITIAL EXAM - UNIT 2 - CP (04/2012)	
1	06/11/2012	06/23/2012	X02484	INITIAL EXAM - UNIT 1 - CP (04/2012)	
2	06/11/2012	06/23/2012	X02485	INITIAL EXAM - UNIT 2 - CP (04/2012)	
1, 2	03/26/2012	04/06/2012	EB1-17T IP 7111117T	- 50.59 & PERM PLANT MODS Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	3
1, 2	03/26/2012	04/06/2012	IP 7111117T-chng/tst	change/test/evaluations	
1, 2	03/26/2012	04/06/2012	IP 7111117T-evals	evaluations	
1, 2	03/26/2012	04/06/2012	IP 7111117T-permod	permanent mods	
1, 2	07/16/2012	07/20/2012	EP-1 IP 71111402	- BIENNIAL EP PROGRAM INSPECTION Alert and Notification System Testing	1
1, 2	07/16/2012	07/20/2012	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	07/16/2012	07/20/2012	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	07/16/2012	07/20/2012	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	07/16/2012	07/20/2012	IP 71151-EP01	Drill/Exercise Performance	
1, 2	07/16/2012	07/20/2012	IP 71151-EP02	ERO Drill Participation	
1, 2	07/16/2012	07/20/2012	IP 71151-EP03	Alert & Notification System	
1, 2	10/15/2012	10/19/2012	RS12 IP 71124.01	- RADIATION SAFETY Radiological Hazard Assessment and Exposure Controls	2
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/ODCM Radiological Effluent	
1, 2	12/03/2012	12/07/2012	RS5678 IP 71124.05	- RADIATION SAFETY TEAM INSPECTION Radiation Monitoring Instrumentation	4
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	05/20/2013	06/21/2013	EB1-21 IP 7111121	- COMPONENT DESIGN BASIS INSPECTION Component Design Bases Inspection	6