



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION IV
1600 E. LAMAR BLVD.
ARLINGTON, TX 76011-4511

March 4, 2014

Rafael Flores, Senior Vice President
and Chief Nuclear Officer
Attention: Regulatory Affairs
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 05000445/2013001 AND
05000446/2013001)**

Dear Mr. Flores:

On February 12, 2014, 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, 2013 through December 31, 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 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, 2015. 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.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised effective January 1, 2014. New cross-cutting aspects will be coded in accordance with the latest revision to NRC Inspection Manual Chapter (IMC) 0310, dated December 19, 2013. Cross-cutting aspects identified in the last six months of 2013 using

the previous terminology will be converted to the revised language in accordance with the cross-reference in IMC 0310. The revised cross-cutting aspects will be evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305 starting with the calendar year 2014 mid-cycle assessment.

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:
Inspection Plan

S:\DRP\DRPDIR_CP\CPNPP Annual Assessment Ltr.docx

ML14063A617

SUNSI Rev Compl.	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	ADAMS	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Reviewer Initials	RA
Publicly Available	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Sensitive	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Sens. Type Initials	RA
SPE:DRP/A	D:DRP	D:DRS	C:DRP/A		
RAlexander	KKennedy	JClark	WWalker		
/RA/	/RA/	/RA/	/RA/		
2/26/14	2/27/14	2/28/14	2/28/14		

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

Comanche Peak
Inspection / Activity Plan
03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
EXAM - INITIAL OPERATOR EXAM					5
1	05/12/2014	05/16/2014	X02524	INITIAL EXAM-CP UNIT 1 (03/2012)	
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)	
EXAMS - INITIAL OPERATOR EXAM					5
1	06/01/2015	06/15/2015	X02552	INITIAL EXAM CP UNIT 1(6/2015)	
2	06/01/2015	06/15/2015	X02553	INITIAL EXAM CP UNIT 2 (6/2015)	
RS 12 PI - 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	
71111.08 - CP 2R14 INSERVICE INSPECTION					1
2	04/07/2014	04/18/2014	IP 7111108P	Inservice Inspection Activities - PWR	
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 7111404	Emergency Action Level and Emergency Plan Changes	
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 SAFETY - TEAM					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	

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

Comanche Peak
 Inspection / Activity Plan
 03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			RS 5678 - RADIATION SAFETY - TEAM		5
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	
			EB1-17T - CP PERMANT PLANT MODS & 50.59		1
1, 2	02/02/2015	02/13/2015	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			RS 24 - RADIATION SAFETY		2
1, 2	02/16/2015	02/20/2015	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	02/16/2015	02/20/2015	IP 71124.04	Occupational Dose Assessment	
			EP-2 - HAB EXERCISE INSPECTION		5
1, 2	04/13/2015	04/17/2015	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	04/13/2015	04/17/2015	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
			EP-3 - EP PERFORMANCE INDICATORS		2
1, 2	04/13/2015	04/18/2015	IP 71151-EP01	Drill/Exercise Performance	
1, 2	04/13/2015	04/18/2015	IP 71151-EP02	ERO Drill Participation	
1, 2	04/13/2015	04/18/2015	IP 71151-EP03	Alert & Notification System	
			EB1-21T - CP COMPONENT DESIGN BASIS INSPECTION		7
1, 2	06/08/2015	07/10/2015	IP 7111121	Component Design Bases Inspection	

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