



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

March 2, 2016

Mr. Kenneth Peters
Acting 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 05000445/2015006 and 05000446/2015006)

Dear Mr. Peters:

On February 16, 2016, the U.S. Nuclear Regulatory Commission (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, 2015 through December 31, 2015. 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, began the most recent quarter in the Regulatory Response Column (Column 2) of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one or more greater-than-green Security Cornerstone inputs. On December 8, 2015, the NRC completed a supplemental inspection in accordance with the NRC's Inspection Manual Chapter for the greater-than-green Security Cornerstone inputs. Based on the results of this inspection, the NRC closed the greater-than-green Security Cornerstone inputs and updated its assessment of Comanche Peak Nuclear Power Plant, Units 1 and 2, as documented in Inspection Report and Follow-up Assessment Letter 05000445/2015408 and 05000446/2015408 (ML15358A060). This updated assessment transitioned Comanche Peak Nuclear Power Plant, Units 1 and 2, to the Licensee Response Column (Column 1) of the NRC's ROP Action Matrix as of December 23, 2015. Therefore, beginning in the first quarter 2016, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2017. 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 response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events." This Order requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event. Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." This Order requires licensees to have a reliable means of remotely monitoring wide-range Spent Fuel Pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. The audit was completed for Comanche Peak Nuclear Power Plant, Units 1 and 2, and the information gathered will aid staff in development of the Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the Final Safety Evaluation will be issued. Then, the NRC staff will confirm through inspections the full implementation of the orders mentioned above by performing Temporary Instruction 191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans."

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public Inspections, Exemptions, Requests for Withholding," a copy of this letter, its enclosure, and your response (if any) will be available electronically for public inspection in the NRC's Public Document Room or from the Publicly Available Records (PARS) component of the NRC's Agencywide Documents Access and Management 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 Mr. Jeremy Groom at 817-200-1148 with any questions you have regarding this letter.

Sincerely,

/RA/

Troy W. Pruett, Director
Division of Reactor Projects

Docket Nos. 50-445 and 50-446
License Nos. NPF-87 and NPF-89

Enclosure:
Comanche Peak Inspection/Activity Plan

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DISTRIBUTION
See next page

ADAMS ACCESSION NUMBER: ML16061A322

<input checked="" type="checkbox"/> SUNSI Review By:JRG	ADAMS: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Sensitive <input checked="" type="checkbox"/> Non-Sensitive	<input type="checkbox"/> Non-Publicly Available <input checked="" type="checkbox"/> Publicly Available	Keyword NRC-002
OFFICE	RIV/BC/DRP	RIV/D/DRS	RIV/D/DRP D	RIV/D/DRP
NAME	JGroom	AVegel	RLantz	TPruett
SIGNATURE	/RA/	/RA/	/RA/	/RA/
DATE	2/24/16	2/24/16	2/26/16	2/29/16

OFFICIAL RECORD COPY

Letter to Ken Peters from Troy Pruett, dated March 2, 2016

SUBJECT: ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER PLANT, UNITS 1 AND 2 (REPORT 05000445/2015006 and 05000446/2015006)

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Comanche Peak
Inspection / Activity Plan
04/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
EXAMS - INITIAL OPERATOR EXAM					4
1	06/13/2016	06/17/2016	X02572	INITIAL EXAM COMANCHE PEAK UNIT 1 (06/2016)	
2	06/13/2016	06/17/2016	X02573	INITIAL EXAM COMANCHE PEAK UNIT 2 (06/2016)	
1	07/11/2016	07/15/2016	X02572	INITIAL EXAM COMANCHE PEAK UNIT 1 (06/2016)	
2	07/11/2016	07/15/2016	X02573	INITIAL EXAM COMANCHE PEAK UNIT 2 (06/2016)	
RS 12 PI - RADIATION SAFETY					2
1,2	05/09/2016	05/13/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	05/09/2016	05/13/2016	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	05/09/2016	05/13/2016	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	05/09/2016	05/13/2016	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
71111.08 - INSERVICE INSPECTION 1RF18					1
1	05/09/2016	05/20/2016	IP 7111108P	Inservice Inspection Activities - PWR	
EB1-17T - CP PERM PLANT MODS & 50.59 INSPECTION					5
1,2	09/12/2016	09/30/2016	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
ISFSI - LOADING INSPECTION (ONE WEEK IN MONTH)					1
1,2	11/01/2016	11/30/2016	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants	
BRQ-2017 - BRQ - ON SITE OP TEST INSPECTION					3
1,2	11/28/2016	12/02/2016	IP 7111111B	Licensed Operator Requalification Program	
EXAM - INITIAL EXAM					4
1	05/15/2017	05/19/2017	X02589	INITIAL EXAM CP U1 (06/2017)	
2	05/15/2017	05/19/2017	X02590	INITIAL EXAM CP U2 (06/2017)	
1	06/12/2017	06/16/2017	X02589	INITIAL EXAM CP U1 (06/2017)	
2	06/12/2017	06/16/2017	X02590	INITIAL EXAM CP U2 (06/2017)	
EB1-07T - CP HEAT SINK PERFORMANCE					3
1,2	02/06/2017	02/10/2017	IP 7111107T	Heat Sink Performance	
RS 13 PI - RADIATION SAFETY					3
1,2	04/10/2017	04/14/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	04/10/2017	04/14/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	04/10/2017	04/14/2017	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	04/10/2017	04/14/2017	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
71111.08 - INSERVICE INSPECTION 2RF16					1
2	04/10/2017	04/21/2017	IP 7111108P	Inservice Inspection Activities - PWR	

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

Comanche Peak
Inspection / Activity Plan
04/01/2016 - 12/31/2017

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION		4
1, 2	06/12/2017	06/16/2017	IP 7111105T	Fire Protection [Triennia]	
1, 2	06/26/2017	06/30/2017	IP 7111105T	Fire Protection [Triennia]	
			EP-1 - IN-OFFICE EP SCENARIO REVIEW		2
1, 2	06/12/2017	07/21/2017	IP 7111408	Exercise Evaluation – Scenario Review	
			EP-2 - BIENNIAL EP EXERCISE INSPECTION		4
1, 2	08/14/2017	08/18/2017	IP 7111401	Exercise Evaluation	
1, 2	08/14/2017	08/18/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
			EP-3 - EP PERFORMANCE INDICATOR VERIFICATION		1
1, 2	08/14/2017	08/18/2017	IP 71151-EP01	Drill/Exercise Performance	
1, 2	08/14/2017	08/18/2017	IP 71151-EP02	ERO Readiness	
1, 2	08/14/2017	08/18/2017	IP 71151-EP03	Alert & Notification System Reliability	
			71111.08 - INSERVICE INSPECTION 1RF19		1
1	10/16/2017	10/27/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			RS 24 - RADIATION SAFETY		2
1, 2	11/06/2017	11/10/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	11/06/2017	11/10/2017	IP 71124.04	Occupational Dose Assessment	
			TSB 52B - BIENNIAL PI&R		4
1, 2	11/13/2017	11/17/2017	IP 71152B	Problem Identification and Resolution	
1, 2	12/04/2017	12/08/2017	IP 71152B	Problem Identification and Resolution	

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