



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

August 31, 2016

Ken J. Peters, Senior Vice President
and Chief Nuclear Officer
Attention: Regulatory Affairs
Luminant Generation Company LLC
P.O. Box 1002
Glen Rose, TX 76043

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR
POWER PLANT, UNITS 1 AND 2 (REPORT 05000445/2016005
AND 05000446/2016005)

Dear Mr. Peters:

On August 10, 2016, 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, 2015 through June 30, 2016. 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. As discussed in our annual assessment letter dated March 2, 2016, Comanche Peak Nuclear Power Plant, Units 1 and 2, transitioned to the Licensee Response Column (Column 1) of the NRC's ROP Action Matrix as of December 28, 2015, following our completion of a supplemental inspection in late 2015 for previously identified identified greater-than-green Security Cornerstone inputs.

The enclosed inspection plan lists the inspections scheduled through June 30, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the second half 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 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," and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." The NRC conducted audits of licensee efforts towards compliance with these Orders, and the information gathered will aid staff in development of the ultimate Safety Evaluation for the site. After the NRC staff receives the Final Compliance letter for the site, the 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 Staff Requirements Memorandum – SECY 16-0009, "Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities," the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessment meetings and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, "Operating Reactor Assessment Program."

In accordance with Title 10 of the *Code of Federal Regulations* (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 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 me at 817-200-1148 with any questions you have regarding this letter.

Sincerely,

/RA/

Jeremy R. Groom, Chief
Projects Branch A
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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Comanche Peak
Inspection / Activity Plan
07/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			EXAMS - INITIAL OPERATOR EXAM		4
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)	
			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		1
1,2	01/30/2017	02/03/2017	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	
			EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION		4
1,2	06/12/2017	06/16/2017	IP 7111105T	Fire Protection [Triennial]	
1,2	06/26/2017	06/30/2017	IP 7111105T	Fire Protection [Triennial]	
			EP-1 - IN-OFFICE EP SCENARIO REVIEW		1
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	

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

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			EP-3 - EP PERFORMANCE INDICATOR VERIFICATION		1
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	11/27/2017	12/01/2017	IP 71152B	Problem Identification and Resolution	
1,2	12/11/2017	12/15/2017	IP 71152B	Problem Identification and Resolution	
			EXAM - INITIAL EXAM		6
1	05/14/2018	05/18/2018	X02620	INITIAL EXAM CP U1(06/18)	
2	05/14/2018	05/18/2018	X02621	INITIAL EXAM CP U2(6/18)	
1	06/11/2018	06/15/2018	X02620	INITIAL EXAM CP U1(06/18)	
2	06/11/2018	06/15/2018	X02621	INITIAL EXAM CP U2(6/18)	
			EB1-21M - CP DESIGN BASES INSPECTION TEAMS		6
1,2	06/25/2018	07/27/2018	IP 7111121M	Component Design Bases Inspection (Teams)	

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Enclosure: Comanche Peak Inspection/Activity Plan

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DATE	8/22/16	8/19/16	8/22/16	8/26/16				

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SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR
POWER PLANT, UNITS 1 AND 2 (REPORT 05000445/2016005
AND 05000446/2016005)

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