



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

March 1, 2017

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

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER
PLANT, UNITS 1 AND 2 (REPORT 05000445/2016006 AND
05000446/2016006)**

Dear Mr. Peters:

On February 16, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance assessment of Comanche Peak Nuclear Power Plant, Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016, through December 31, 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 concluded that overall performance at your facility preserved public health and safety.

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, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the 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, 2018. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/ Staffing/Multi-Unit Dose Assessment Plans." This inspection will be conducted at Comanche

Peak Nuclear Power Plant, Units 1 and 2, to confirm the station's full implementation of Commission Orders EA-12-049 and EA-12-051.

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 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/

Jeremy R. Groom, Chief
Project Branch A
Division of Reactor Projects

Docket Nos. 05000445, 05000446
License Nos. NPF-87 and NPF-89

Enclosure:
Comanche Peak Inspection/Activity Plan

ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER PLANT,
UNITS 1 AND 2 (REPORT 05000445/2016006 AND 05000446/2016006) DATED MARCH 1,
2017

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ADAMS ACCESSION NUMBER: ML17059D562

SUNSI Review: ADAMS: Non-Publicly Available Non-Sensitive Keyword:
By: RDA/dll Yes No Publicly Available Sensitive NRC-002

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NAME	RAlexander	AVegel	JGroom	RLantz		
SIGNATURE	/RA/	/RA JClark for/	/RA/	/RA/		
DATE	02/16/2017	2/23/17	2/27/17	2/23/17		

OFFICIAL RECORD COPY

Comanche Peak
Inspection / Activity Plan
 01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
EXAM - INITIAL EXAM				3
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	01/30/2017 02/03/2017	IP 7111107T	Heat Sink Performance	
RS 13 PI - RADIATION SAFETY				2
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	
T1191 - MITIGATING STRATEGIES/SFP INST FOR BDBEE				4
1, 2	05/15/2017 05/19/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
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				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	

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

Comanche Peak
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			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	
			EB1-21N - CP DESIGN BASIS PROGRAMS INSPECTION		5
1, 2	12/04/2017	12/15/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
			EXAM - INITIAL EXAM		8
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)	
			RS 5678 - RAD SAFETY		4
1, 2	05/07/2018	05/11/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	05/07/2018	05/11/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	05/07/2018	05/11/2018	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	05/07/2018	05/11/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			EB1-21M - CP DESIGN BASES INSPECTION TEAMS		6
1, 2	06/25/2018	07/13/2018	IP 7111121M	Component Design Bases Inspection (Teams)	
			RS 12PI - RAD SAFETY		2
1, 2	10/15/2018	10/19/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/15/2018	10/19/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	10/15/2018	10/19/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1, 2	10/15/2018	10/19/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			71111.08 - INSERVICE INSPECTION 2R17		1
2	10/15/2018	10/26/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			EP-1 - EP PROGRAM INSPECTION		1
1, 2	11/26/2018	11/30/2018	IP 7111402	Alert and Notification System Testing	
1, 2	11/26/2018	11/30/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	11/26/2018	11/30/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1, 2	11/26/2018	11/30/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	11/26/2018	11/30/2018	IP 71151-EP01	Drill/Exercise Performance	
1, 2	11/26/2018	11/30/2018	IP 71151-EP02	ERO Readiness	

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Comanche Peak
Inspection / Activity Plan
01/01/2017 - 12/31/2018

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EP-1 - EP PROGRAM INSPECTION		1
1, 2	11/26/2018	11/30/2018	IP 71151-EP03	Alert & Notification System Reliability	

Comments:

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