



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

March 4, 2019

Mr. Ken J. Peters, Senior Vice President
and Chief Nuclear Officer
Attention: Regulatory Affairs
Vistra 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 05000445/2018006 AND
05000446/2018006)

Dear Mr. Peters:

The U.S. Nuclear Regulatory Commission (NRC) has 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, 2018, through December 31, 2018. 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, 2020. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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. You should be aware that the agency has proposed changes regarding engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections") and is drafting proposed changes to the ROP for Commission consideration. Should the Commission approve changes to the ROP, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. The inspections listed during the last 12 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.

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/

Mark S. Haire, Chief
Project Branch A
Division of Reactor Projects

Dockets: 50-445 and 50-446
Licenses: NPF-87 and NPF-89

Enclosure:
Inspection Plan

IP 22 Inspection Activity Plan Report

Comanche Peak

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
COMANCHE PEAK 10CFR50.59 INSPECTION						3
1, 2	02/04/2019	02/08/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
CPSES 2019 BRQ						2
1, 2	03/17/2019	03/23/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
INSERVICE INSPECTION 1R20						1
1, 2	04/29/2019	05/10/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP INSPECTION (1,3)						2
1, 2	04/29/2019	05/03/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/29/2019	05/03/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
CPSES 2019 INITIAL EXAM						7
1, 2	05/05/2019	05/11/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	06/09/2019	06/15/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
Security Access Control .02						1
1, 2	06/17/2019	06/21/2019	IP 71130.02	000734	Access Control	
1, 2	06/17/2019	06/21/2019	IP 71151	001338	Performance Indicator Verification	
RP INSPECTION (2,4)						2
1, 2	08/05/2019	08/09/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	08/05/2019	08/09/2019	IP 71124.04	000728	Occupational Dose Assessment	
IN OFFICE SCENARIO REVIEW						5
1, 2	09/02/2019	10/08/2019	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
BIENNIAL PI&R						4
1, 2	09/16/2019	10/04/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	09/30/2019	10/04/2019	IP 71152B	000747	Problem Identification and Resolution	
EP EXERCISE INSPECTION						4
1, 2	11/04/2019	11/08/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	11/04/2019	11/08/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	11/04/2019	11/08/2019	IP 71151	001397	Performance Indicator Verification	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

IP 22 Inspection Activity Plan Report

Comanche Peak

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
FORCE-ON-FORCE PLANNING AND EXERCISES						6
1, 2	11/18/2019	11/22/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	12/09/2019	12/13/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
RS5678 Radiation Safety PS Team						4
1, 2	01/27/2020	01/31/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	01/27/2020	01/31/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	01/27/2020	01/31/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	01/27/2020	01/31/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Cyber Security Inspection						2
1, 2	02/10/2020	02/14/2020	IP 71130.10P	000741	Cyber Security	
1, 2	02/24/2020	02/28/2020	IP 71130.10P	000741	Cyber Security	
Inservice Inspection 2RD18						1
2	04/27/2020	05/08/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RS13PI Radiation Safety						2
1, 2	04/27/2020	05/01/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/27/2020	05/01/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
Triennial Fire Protection Inspection						4
1, 2	06/07/2020	06/13/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
1, 2	06/21/2020	06/27/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
Comanche Peak 1, 2 - Design Bases Assurance Inspection (Programs)						3
1, 2	08/10/2020	08/14/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1, 2	08/24/2020	08/28/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
EP Program Inspection						1
1, 2	10/05/2020	10/09/2020	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	10/05/2020	10/09/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	10/05/2020	10/09/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	10/05/2020	10/09/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	10/05/2020	10/09/2020	IP 71151	001397	Performance Indicator Verification	

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Comanche Peak

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
Inservice Inspection 1RF21						
1	10/12/2020	10/23/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	1

ANNUAL ASSESSMENT LETTER FOR COMANCHE PEAK NUCLEAR POWER PLANT,
 UNITS 1 AND 2 (REPORT 05000445/2018006 AND 05000446/2018006) - March 4, 2019

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Electronic Distribution for Comanche Peak
 Nuclear Power Plant

ADAMS ACCESSION NUMBER: ML19057A547

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

OFFICE	DRP/SPE:A	DRP/C:A			
NAME	RAlexander	MHaire			
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