



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

March 4, 2019

Mr. Adam C. Heflin, President and
Chief Executive Officer
Wolf Creek Nuclear Operating Corporation
P.O. Box 411
Burlington, KS 66839

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR WOLF CREEK GENERATING
STATION (REPORT 05000482/2018006)**

Dear Mr. Heflin:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of Wolf Creek Generating Station, 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 Wolf Creek 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). Based on the results of a supplemental inspection completed on September 20, 2018, which reviewed your station's actions in response to a Greater-than-Green finding in the Security Cornerstone, the NRC informed you that the finding was closed and that Wolf Creek was transitioned to the Licensee Response Column, effective November 2, 2018 (Agencywide Document Access Management System (ADAMS) Accession No. ML18306A496). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

On December 17, 2018, the NRC issued a Severity Level II Notice of Violation and Proposed Imposition of Civil Penalty associated with a violation of 10 CFR 50.7, "Employee Protection," for actions Wolf Creek took in response to a contract employee raising nuclear safety concerns (ADAMS ML18333A043). On January 15, 2019, Wolf Creek notified the NRC of its acceptance of the violation (ADAMS ML19024A206). Therefore, the NRC plans to conduct Inspection Procedure 92722, "Follow Up Inspection For Any Severity Level I or II Traditional Enforcement Violation or For Two or More Severity Level III Traditional Enforcement Violations in a 12 Month Period," to follow-up on this violation.

The NRC notified you in the 2017 annual assessment letter of a cross-cutting theme (ADAMS ML18052A345) related to the inconsistent implementation of Safety-Conscious Work Environment (SCWE) Policy (S.1). The NRC conducted several inspections during the assessment period to assess the corrective actions taken to address this theme, including a

Problem Identification and Resolution Inspection (Inspection Report 05000482/2018007 (ADAMS ML18218A265)) and a quarterly Integrated Inspection (Report 05000482/2018004 (ADAMS ML19042A089)). Based on these inspections and review of your actions taken and planned, as well as the issuance of the aforementioned violation of 10 CFR 50.7, the NRC determined that a theme in the SCWE area continues to exist. This is the second consecutive occurrence of this cross-cutting theme. The NRC plans to conduct Inspection Procedure 93100, "Safety-Conscious Work Environment Issue of Concern Followup," concurrent with Inspection Procedure 92722, to assess your progress in addressing the open SCWE theme at Wolf Creek. These inspections will be scheduled after you provide written notification to the NRC of your readiness for the inspection.

The enclosed inspection plan lists the inspections scheduled through December 31, 2020. This updated inspection plan now includes planned security inspections that 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 is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"). Should these changes to the ROP be implemented, 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 Nick Taylor, Chief, Project Branch B, at 817-200-1141 with any questions you have regarding this letter.

Sincerely,

/RA/

Anton Vogel, Director
Division of Reactor Projects

Docket No. 50-482
License No. NPF-42

Enclosure:
Inspection Plan

IP 22 Inspection Activity Plan Report

Wolf Creek

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP INSPECTION (2,4)						2
1	03/11/2019	03/15/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	03/11/2019	03/15/2019	IP 71124.04	000728	Occupational Dose Assessment	
MC&A - MAT'L CONTROL & ACCOUNTING						1
1	03/11/2019	03/15/2019	IP 71130.11	000742	Material Control and Accounting (MC&A)	
WOLF CREEK 10CFR50.59 INSPECTION						3
1	04/29/2019	05/03/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
EP EXERCISE AND PI INSPECTION						5
1	06/03/2019	06/07/2019	IP 71114.01	000716	Exercise Evaluation	
1	06/03/2019	06/07/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	06/03/2019	06/07/2019	IP 71151	001397	Performance Indicator Verification	
CYBER SECURITY INSPECTION						4
1	07/14/2019	07/20/2019	IP 71130.10P	000741	Cyber Security	
1	07/28/2019	08/03/2019	IP 71130.10P	000741	Cyber Security	
Security Access Control .02						1
1	07/22/2019	07/26/2019	IP 71130.02	000734	Access Control	
1	07/22/2019	07/26/2019	IP 71151	001338	Performance Indicator Verification	
WOLF CREEK HEAT SINK INSPECTION						2
1	07/29/2019	08/02/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	
Security Protective Strategy and Target Set .05/.14						4
1	08/12/2019	08/16/2019	IP 71130.05	000737	Protective Strategy Evaluation	
1	08/12/2019	08/16/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
INSERVICE INSPECTION						1
1	09/30/2019	10/11/2019	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP INSPECTION (1,3)						2
1	09/30/2019	10/04/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	09/30/2019	10/04/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	

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

Wolf Creek

01/01/2019 - 12/31/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
SCWE THEME AND EA-18-037 SLII NOV FOLLOWUP						4
1	10/01/2019	12/31/2019	IP 92722	000913	Follow Up Inspection For Any Severity Level I or II Traditional Enforcement Violation or for Two or	6
1	10/01/2019	12/31/2019	IP 93100	000921	Safety-Conscious Work Environment Issue of Concern Followup	
WC 2019 INITIAL EXAM						6
1	11/03/2019	11/09/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	2
1	12/08/2019	12/14/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
RS13PI Radiation Safety						2
1	03/02/2020	03/06/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	3
1	03/02/2020	03/06/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
Wolf Creek 1 - Design Bases Assurance Inspection (Programs)						3
1	04/06/2020	04/10/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	3
1	04/20/2020	04/24/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
WC 2020 BRQ						3
1	05/31/2020	06/06/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	4
BIENNIAL PI&R						4
1	06/08/2020	06/12/2020	IP 71152B	000747	Problem Identification and Resolution	4
1	06/22/2020	06/26/2020	IP 71152B	000747	Problem Identification and Resolution	
RS5678 Radiation Safety PS Team						4
1	07/06/2020	07/10/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	4
1	07/06/2020	07/10/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	07/06/2020	07/10/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	4
1	07/06/2020	07/10/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
Triennial Fire Protection Inspection						4
1	10/18/2020	10/24/2020	IP 71111.05T	000696	Fire Protection (Triennial)	4
1	11/01/2020	11/07/2020	IP 71111.05T	000696	Fire Protection (Triennial)	

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

ANNUAL ASSESSMENT LETTER FOR WOLF CREEK GENERATING STATION
(REPORT 05000482/2018006) – March 4, 2019

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Electronic Distribution for Wolf Creek Generating Station

ADAMS ACCESSION NUMBER: ML19058A195

☒ SUNSI Review ADAMS: ☐ Non-Publicly Available ☒ Non-Sensitive Keyword:
By: AVegel ☒ Yes ☐ No ☒ Publicly Available ☐ Sensitive NRC-002

OFFICE	DRP/SPE:B	DRS/C:PSB1	DRS:D	DRP/C:B	DRP:D	
NAME	BTharakan	JGroom	RLantz	NTaylor	AVegel	
SIGNATURE	/RA/	/RA/	/RA/	/RA/	/RA/	
DATE	2/19/19	2/20/19	2/21/19	2/19/19	3/4/19	

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