



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 EAST LAMAR BOULEVARD  
ARLINGTON, TEXAS 76011-4511

August 31, 2022

Mr. Cleve Reasoner, Chief Executive Officer  
and Chief Nuclear Officer  
Wolf Creek Nuclear Operating Corp.  
P.O. Box 411  
Burlington, KS 66839

**SUBJECT: WOLF CREEK GENERATING STATION – NRC SECURITY BASELINE  
INSPECTION REPORT 05000482/2022403**

Dear Mr. Reasoner:

On July 22, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Wolf Creek Generating Station. After reviewing additional information provided from your staff, the results of this inspection were discussed with Mr. M. Boyce, Vice President, Engineering, and other members of your staff on August 10, 2022. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

A handwritten signature in cursive script that reads "Ray Kellar".

Signed by Kellar, Ray  
on 08/31/22

Ray L. Kellar, P.E., Chief  
Physical Security Branch  
Division of Radiological Safety and Security

Docket No. 05000482  
License No. NPF-42

Enclosure:  
As stated

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SUBJECT: WOLF CREEK GENERATING STATION – NRC SECURITY INSPECTION  
 REPORT 05000482/2022403 DATED AUGUST 31, 2022

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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Number: 05000482

License Number: NPF-42

Report Number: 05000482/2022403

Enterprise Identifier: I-2022-403-0010

Licensee: Wolf Creek Nuclear Operating Corp.

Facility: Wolf Creek Nuclear Generating Station

Location: Burlington, KS

Inspection Dates: July 18, 2022 to August 10, 2022

Inspectors: J. Buchanan, Physical Security Inspector  
C. Jewett, Physical Security Inspector

Approved By: Ray L. Kellar, P.E., Chief  
Physical Security Branch  
Division of Radiological Safety and Security

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at Wolf Creek Nuclear Generating Station, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## **INSPECTION SCOPES**

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

## **SAFEGUARDS**

### 71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated [date].

#### Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
  - Tier I: All requirements.
  - Tier II: All requirements.
  - Tier III: All requirements.

### 71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

#### Security Training (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: All Requirements
  - Tier III: All Requirements except 02.12 a - b

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On August 10, 2022, the inspectors presented the security baseline inspection results to Mr. M. Boyce, Vice President, Engineering, and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents	144232, 144233, 10007572, 10008781, 10011331, 10011871, 10011892, 10012014, 10012384, 10013910, 10014215, 10014628, 10014684, 10015088, 10015257, 10015258, 10015372, and 10015374		
	Corrective Action Documents Resulting from Inspection	10016146, 10016199, 10016200, 10016202, and 10016203		
	Miscellaneous		Intrusion Alarm History Report	07/21/2022
			OJT Evaluator Guide, Task 08 - Conduct Security Patrols	
			Weekly Device Test Log	06/01/2022 thru 07/30/2022
			Protected Area IDS Test Log	06/06/2022
			Armorer's Inspections Desk Top Instructions	10/21/2020
			Wolf Creek Security Plan, Training and Qualification Plan, Safeguards Contingency Plan and Independent Spent Fuel	15

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Storage Installation Security Program	
			Personnel Security Equipment Quarterly Inspection	2022
	Procedures	OF1700300	Lesson Plan, Conduct Searches	16
		AI 27-006	Safety/Security Interface	4
		AP 27-005A	Cargo Search	2
		AP 28A-100	Corrective Action Program	26A
		SEC 01-101	Security Equipment Issue	46
		SEC 01-108A	Security System Performance Testing	12
		SEC 01-129	Armed Response Team Duties	6A
		SEC 50-127A	Security Condition/Hostile Action	5
		SEC 50-130A	Compensatory Requirements	9
	Self-Assessments	2022-71130.04		03/17/2022
		21-01-SC/CS	Quality Assurance Audit Report	03/17/2021
	Work Orders	20-463923-000	Security Emergency Diesel Generator	
		21-469400-000	Security Emergency Diesel Generator	10/04/2021
		21-470182-000	Generator, 350 KW, Diesel, Main Access Facility	10/21/2021
		21-474244-000	01/10/2022	
		21-475548-000	Battery Cabinet #1 F UPS CQ001	03/07/2022
		21-475808-000	Backup Battery for 900 MHZ Trunked Radio System, Lead Calcium, 1.215 Spec. Gravity, 2.20 V Cell Float, 2.33 V Cell Max, 304 LBS Cell	03/21/2022
		21-475829-000		03/28/2022
		21-476011-001		04/25/2022
		21-476011-002		04/18/2022
21-476446-000		Battery Cabinet #1 F UPS CQ001	05/02/2022	
22-477143-000		Security System Weekly PM	06/14/2022	
22-477343-000		Security System Weekly PM	06/21/2022	
71130.07	Corrective Action Documents	00072627, 00143571, 00145186, 10002181, 10014521, 10015561,		

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		10015564, 10015741, 10015807		
	Corrective Action Documents Resulting from Inspection	10016192, 10016204, 10016218		
	Miscellaneous	OF0100600	Tampering And Sabotage	005
		OF1700300	Conduct Searches	016
		OF1700500	CONDUCT COMMUNICATIONS	007
		OF1701400	TACTICAL TRAINING	003
		OF1703000	Wolf Creek Security Bearcat Program	002
	Procedures	AI 30E-005	Instructor Qualification Requirements	42
		AP 15C-004	Preparation, Review, and Approval of Procedures, Inst., and Forms	55A
		AP 27-002	Security Plan and Procedures	09
		SEC 01-400	Preparation of Security Lesson Plan	13
		SEC 01-401	Security Personnel Critical Tasks	25
		SEC 01-402	Security Personnel Training and Qualification	50
		SEC 01-403	Security Personnel Medical Qualifications	31A
		SEC 01-411	Tactical Drill and Force on Force Tactical Exercise Program	11A
		SEC 01-411	Tactical Drill and Force on Force Tactical Exercise Program	12
		SEC 01-412	Security On-Shift Drills	03
		SEC 01-413	Security Training Feedback Program	01
		SEC 01-415	Systematic Approach to Training	00
	SEC 50-123A	Security Off-Normal Procedure	02	
	Self-Assessments	QH-2022-2327	NRC Security Baseline Inspection Readiness Assessment Checklist IP 71130.07, Security Training	03/10/2022