



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

September 8, 2022

Ms. Kimberly Harshaw, Executive Vice President  
and Chief Nuclear Officer  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, TX 77483

SUBJECT: SOUTH TEXAS PROJECT – SECURITY BASELINE INSPECTION REPORT  
05000498/2022403 AND 05000499/2022403

Dear Ms. Harshaw:

On September 1, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at South Texas Project and discussed the results of this inspection with you and other members of your staff. 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 09/08/22

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

Docket Nos. 05000498, 05000499  
License Nos. NPF-76, NPF-80

Enclosure:  
As stated,

cc w/ encl: Distribution via LISTSERV®

SOUTH TEXAS PROJECT – SECURITY BASELINE INSPECTION REPORT  
05000498/2022403 AND 05000499/2022403 DATED SEPTEMBER 8, 2022

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**ADAMS ACCESSION NUMBER: ML22251A384**

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

Docket Numbers: 05000498 and 05000499

License Numbers: NPF-76 and NPF-80

Report Numbers: 05000498/2022403 and 05000499/2022403

Enterprise Identifier: I-2022-403-0008

Licensee: STP Nuclear Operating Company

Facility: South Texas Project

Location: Wadsworth, TX

Inspection Dates: August 29, 2022 to September 02, 2022

Inspectors: R. Lanfear, Physical Security Specialist  
A. Meyen, Physical Security Inspector

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

Enclosure

## **SUMMARY**

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at South Texas Project, 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 January 1, 2019

#### 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

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On September 1, 2022, the inspectors presented the security baseline inspection results to Kimberly Harshaw and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71130.04	Corrective Action Documents	CR	22-8111, 22-8329, 22-8205, 22-2828,		
	Corrective Action Documents Resulting from Inspection	CR	22-8532, 22-8561, 22-8543, 22-8542, 22-8539, 22-8563		
	Miscellaneous	STP Handgun Semi-Annual Maintenance Records			
		STP Rifle Semi-Annual Maintenance Records			
	Procedures	SI 2002		Security Force Weapons Control	28
		SI 3301		Protected Area Intrusion Detections System Performance Testing	8
		SI 3301		Protected Area Lighting Test	8
		SI 3415		Sick Laser Electrical Test	2
		SI 3701		Security Equipment Operability Tests	41
	Work Orders	wan 639562		Microwave Receiver Zone	07/05/2022
	71130.07	Corrective Action Documents	CR	22-8078 22-7576 22-7946 22-7410 22-4477 22-8006	
Corrective Action Documents Resulting from Inspection		CR	22-8590		
Miscellaneous		IQCC		Initial Qualification Checkout Card (OJT)	2
		T&Q		Physical Security Plan/Safeguards Contingency Plan/Training and Qualification Plan	24
Procedures		OPGP03-ZA-0131		Administration of On the Job Training and Task Performance Evaluation	19

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		OPGP03-ZS-0016	Implementing Procedure for Security Personnel Training and Qualification	7
		SPLP 16	Determine the Amount of Force Required to Prevent Unauthorized Act	3
		SPLP 22	Comply With Physical Fitness Performance Requirements	2
		SPLP 22	Vehicle Search	3
		SPLP 25	Demonstrate Proficiency with Handgun	4
		SPLP 27	Demonstrate Proficiency with Rifle	5
		SPLP 29	Physical Fitness Test and Tactical Qualification Course	5
		SPLP 8	Conduct Security Patrols	3
	Self-Assessments	SSA 22-8078	Security Training Snapshot Self-Assessment	08/25/2022