



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

September 11, 2020

Mr. G. T. Powell
President and CEO
STP Nuclear Operating Company
P.O. Box 289
Wadsworth, TX 77483

SUBJECT: SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNITS 1
AND 2 – SECURITY BASELINE INSPECTION REPORT 05000498/2020410
AND 05000499/2020410

Dear Mr. Powell:

On August 27, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at South Texas Project Electric Generating Station, Units 1 and 2, 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,

Ray L. Kellar, P.E. Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure:
As stated

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SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNITS 1 AND 2 –
 SECURITY BASELINE INSPECTION REPORT 05000498/2020410 AND 05000499/2020410 –
 September 11, 2020

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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: 05000498/2020410 and 05000499/2020410

Enterprise Identifier: I-2020-410-0010

Licensee: South Texas Project Nuclear Operating Company

Facility: South Texas Project Electric Generating Station, Units 1 and 2

Location: Wadsworth, TX 77483

Inspection Dates: August 24, 2020 to August 27, 2020

Inspectors: D. Hostetter, Physical Security Inspector

Approved By: Ray L. Kellar, P.E. Chief
Plant Support Branch 1
Division of Reactor Safety

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 Electric Generating Station, Units 1 and 2, 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

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

SAFEGUARDS

71130.02 - Access Control

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: All Requirements Except: (02.06 b,d, 02.07 a, 02.08 a-i)
 - Tier III: All Requirements

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Review Security Plan Changes (IP Section 02.01) (1 Sample)

- (1) The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with 10 CFR 50.54(p)(2) since the implementation of this IP.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) August 2019 – August 2020

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 27, 2020, the inspectors presented the security baseline inspection results to Mr. G.T. Powell, President and CEO, and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	CR-19-10856	BRE Rooftop	
		CR-19-12121	Officer Outside Boundary	
		CR-19-12239	Medical Transfer	
	Miscellaneous	Logs	Security Event Logs	09/22/19 - 08/24/2020
	Procedures	OPGP03-25-0001	Vehicle, Material and Personnel Access Control	Revision 53
		OPGP03-ZS-0005	Control of Keys, Locks, Cores, Keycards, and Passwords	Revision 2
		Physical Security Plan	STP Physical Security Plan, Training & Qualification, Safeguards Contingency Plan, Independent Spent Fuel Storage Installation	Revision 24
		Safeguards	Safeguards Information Program	Revision 24
		Security Instruction 1014	General Purpose Log	Revision 8
		Security Instruction 2101	Access Control	Revision 33
		Security Instruction 2402	Alarm Station Operator/Daily Status Report	Revision 29
Self-Assessments	Audit Report #19-09	South Texas Project Nuclear Operating Company Physical/Cyber Security Quality Audit Report	09/12/2019	
71130.09	Miscellaneous	NOC-AE-19003638	Security Plan Evaluation Criteria Template	04/12/2019
	Procedures	Physical Security Plan	STP Physical Security Plan, Training & Qualification, Safeguards Contingency Plan, Independent Spent Fuel Storage Installation	Revision 24
71151	Miscellaneous	Performance Indicators	Security Performance Indicators	08/2019 - 08/2020
	Procedures	Security Instruction 1006	Security Performance Indicator Calculator	Revision 11