



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

August 22, 2023

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

SUBJECT: UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC
GENERATING STATION, UNITS 1 AND 2 (REPORT 05000498/2023005 AND
05000499/2023005)

Dear G. T. Powell:

The enclosed inspection plan lists the inspections scheduled through June 30, 2025, for the South Texas Project Electric Generating Station, Units 1 and 2. The U.S. Nuclear Regulatory Commission (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. 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* 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 component of NRC's Agencywide Documents Access and Management System (ADAMS). The ADAMS system 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) 200-1144 with any questions you have regarding this letter.

G. Powell

2

Sincerely,



Signed by Vossmar, Patricia
on 08/22/23

Patricia J. Vossmar, Chief
Reactor Projects Branch A
Division of Operating Reactor Safety

Docket Nos: 05000498 and 05000499
License Nos: NPF-76, NPF-80

Enclosure:
Inspection Plan

cc w/ encl: Distribution via LISTSERV®

UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNITS 1 AND 2 (REPORT 05000498/2023005 AND 05000499/2023005) – DATED AUGUST 22, 2023

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ROPAssessment.Resource@nrc.gov

ADAMS ACCESSION NUMBER: **ML23233A189**

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: RLB Yes No Publicly Available Sensitive NRC-002

OFFICE	SPE:DORS/A	BC:DORS/A			
NAME	RBywater	PVossmar			
DATE	8/22/23	8/22/23			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

South Texas Project

07/01/2023 - 06/30/2025

Unit	Start	End	Activity	CAC	Title	Staff Count
STP 2023 INITIAL EXAM						6
1,2	7/16/2023	7/22/2023	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
EP 2023 Program Inspection - STP						1
1,2	7/24/2023	7/28/2023	IP 71114.02	000717	Alert and Notification System Testing	
1,2	7/24/2023	7/28/2023	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	7/24/2023	7/28/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	7/24/2023	7/28/2023	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	7/24/2023	7/28/2023	IP 71151	001397	Performance Indicator Verification	
MC&A -						1
1,2	9/18/2023	9/22/2023	IP 71130.11	000742	Material Control and Accounting (MC&A)	
STP 2023 BRQ						3
1,2	10/22/2023	10/28/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Security FFD .08						1
1,2	11/13/2023	11/17/2023	IP 71130.08	000740	Fitness For Duty Program	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - STP						5
1,2	1/8/2024	1/12/2024	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1,2	1/29/2024	2/2/2024	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Commercial Grade Dedication Inspection - South Texas						3
1,2	1/22/2024	1/26/2024	IP 71111.21N.03	001808	Commercial Grade Dedication	
1,2	2/5/2024	2/9/2024	IP 71111.21N.03	001808	Commercial Grade Dedication	
Cyber Security - STP						4
1,2	1/29/2024	2/2/2024	IP 71130.10	000741	Cybersecurity	
Inservice Inspection - STP (U2)						1
1	4/1/2024	4/12/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,3,PI						2
1,2	4/1/2024	4/5/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	4/1/2024	4/5/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	4/1/2024	4/5/2024	IP 71151	000746	Performance Indicator Verification	
Security Equipment (.04), Security Training (.07)						2
1,2	5/20/2024	5/24/2024	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	5/20/2024	5/24/2024	IP 71130.07	000739	Security Training	
STP 2024 PI&R Inspection						4

Site Inspection Activity Plan

1,2	6/10/2024	6/14/2024	IP 71152B	000747	Problem Identification and Resolution	
1,2	6/24/2024	6/28/2024	IP 71152B	000747	Problem Identification and Resolution	
EP Exercise & PI Inspection (2024) - STP						4
1,2	7/15/2024	7/19/2024	IP 71114.01	000716	Exercise Evaluation	
1,2	7/15/2024	7/19/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
STP 2024 INITIAL EXAM						7
1,2	8/4/2024	8/10/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2	9/1/2024	9/7/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
RP 5,8						2
1,2	9/9/2024	9/13/2024	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	9/9/2024	9/13/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
RP 6,7						2
1,2	9/9/2024	9/13/2024	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	9/9/2024	9/13/2024	IP 71124.07	000731	Radiological Environmental Monitoring Program	
Security Access Control (.02), Security Plan Changes (.09), Security PIV (71151)						1
1,2	9/16/2024	9/20/2024	IP 71130.02	000734	Access Control	
1,2	9/16/2024	9/20/2024	IP 71130.09	001656	Security Plan Changes	
1,2	9/16/2024	9/20/2024	IP 71151	001338	Performance Indicator Verification	
License Renewal 71003 STP (Unit 1)/Phase 1)						2
1	10/28/2024	11/1/2024	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
Inservice Inspection (U1)						1
1	10/28/2024	11/8/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Security Protective Strategy (71130.05) and Target Sets (71130.14)						3
1,2	3/3/2025	3/7/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	3/3/2025	3/7/2025	IP 71130.14	000743	Review of Power Reactor Target Sets	
EP 2025 Program Inspection - STP						1
1,2	4/14/2025	4/18/2025	IP 71114.02	000717	Alert and Notification System Testing	
1,2	4/14/2025	4/18/2025	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	4/14/2025	4/18/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	4/14/2025	4/18/2025	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	4/14/2025	4/18/2025	IP 71151	001397	Performance Indicator Verification	
STP 2025 INITIAL EXAM						6
1,2	6/22/2025	6/28/2025	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	