



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

August 22, 2024

Kimberly A. Harshaw, Acting President
Chief Executive Officer and Chief Nuclear Officer
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 05000498/2024005 AND
05000499/2024005)

Dear Kimberly Harshaw:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, 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 twelve 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. The Regional Administrator has approved the staff's plan to conduct Inspection Procedure 71003, "Post-Approval Site Inspection for License Renewal" for each unit at your facility as indicated in the enclosed inspection plan.

In addition, as I have communicated to Drew Richards, Regulatory Affairs Manager, of your staff, the NRC will conduct a special inspection using Inspection Procedure 93812, "Special Inspection," at your facility during the week of September 9, 2024. This inspection is the NRC's event assessment response to the Unit 2 reactor trip with a partial loss of offsite power event on May 12, 2024; and the Unit 1 reactor trip with a loss of offsite power and Notification of Unusual Event on July 24, 2024.

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 Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

K. Harshaw

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Please contact me at (817) 200-1144 with any questions you have regarding this letter.

Sincerely,



Signed by Vossmar, Patricia
on 08/22/24

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

Docket Nos. 05000498, 05000499, and 07201041
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 05000498/2024005 AND 05000499/2024005) – DATED AUGUST 22, 2024

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DOCUMENT NAME: UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNITS 1 AND 2 (REPORT 05000498/2024005 AND 05000499/2024005)

ADAMS ACCESSION NUMBER: **ML24232A133**

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			
SIGNATURE	/RA/	/RA/			
DATE	08/19/24	08/22/24			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

07201041 - South Texas Project (ISFSI)

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
STP Triennial ISFSI Inspection (one-week during loading campaign) (Part 72)						2
	3/1/2025	3/31/2025	IP 60855	001001	Operation Of An ISFSI	

Site Inspection Activity Plan

South Texas Project

07/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
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	
1,2	7/15/2024	7/19/2024	IP 71151	001397	Performance Indicator Verification	
STP 2024 INITIAL EXAM						4
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 5,6,7,8						4
1,2	9/9/2024	9/13/2024	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	9/9/2024	9/13/2024	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	9/9/2024	9/13/2024	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1,2	9/9/2024	9/13/2024	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
STP-1 and STP-2 LOOP Events Special Inspection						4
1,2	9/9/2024	9/13/2024	IP 93812	000933	Special Inspection	
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	
Inservice Inspection STP (U1)						1
1	10/7/2024	10/18/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
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	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - STP						5
1,2	11/18/2024	11/22/2024	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
Security Protective Strategy (71130.05) and Target Sets (71130.14)						3
1,2	2/24/2025	2/28/2025	IP 71130.05	000737	Protective Strategy Evaluation	
1,2	2/24/2025	2/28/2025	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	

Site Inspection Activity Plan

Comprehensive Engineering Team Inspection - South Texas						7
1,2	7/14/2025	7/18/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
1,2	7/28/2025	8/1/2025	IP 71111.21M	000713	Comprehensive Engineering Team Inspection	
STP 2025 BRQ						2
1,2	8/3/2025	8/9/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
STP 2025 INITIAL EXAM						6
1,2	8/24/2025	8/30/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	9/28/2025	10/11/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
Security Access Control (71130.02), Security Plan Changes (71130.09), Security PIV (71151)						1
1,2	9/8/2025	9/12/2025	IP 71130.02	000734	Access Control	
1,2	9/8/2025	9/12/2025	IP 71130.09	001656	Security Plan Changes	
1,2	9/8/2025	9/12/2025	IP 71151	001338	Performance Indicator Verification	
Inservice Inspection- STP (U2)						1
2	10/13/2025	10/24/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,4,PI - STP						2
1,2	10/13/2025	10/17/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/13/2025	10/17/2025	IP 71124.04	000728	Occupational Dose Assessment	
1,2	10/13/2025	10/17/2025	IP 71151	000746	Performance Indicator Verification	
License Renewal Inspection 71003 - STP Unit 2 (Phase 1)						2
2	10/19/2025	10/25/2025	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
RP 1,3,PI - STP						2
1,2	3/30/2026	4/3/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	3/30/2026	4/3/2026	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	3/30/2026	4/3/2026	IP 71151	000746	Performance Indicator Verification	
Cyber Security - STP						4
1,2	6/8/2026	6/12/2026	IP 71130.10	000741	Cybersecurity	