



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

March 11, 2026

Charles Kharrl, President,  
CEO and CNO  
STP Nuclear Operating Company  
PO Box 289  
Wadsworth, TX 77483

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR SOUTH TEXAS PROJECT ELECTRIC  
GENERATING STATION, UNITS 1 AND 2 (REPORT 05000498/2025006 AND  
05000499/2025006)**

Dear Charles Kharrl:

The U.S. Nuclear Regulatory Commission (NRC) has completed its end-of-cycle performance assessment of South Texas Project Electric Generating Station, Units 1 and 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2025, through December 31, 2025. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. The NRC concluded that overall performance at your facility preserved public health and safety. The baseline inspection program was partially completed at your facility as defined in Inspection Manual Chapter 2515, "Light-Water Reactor Inspection Program – Operations Phase" due to the impact on federal government operations because of the federal government shutdown from October 1, 2025, to November 12, 2025, during which only excepted activities were performed.

The NRC determined the performance at South Texas Project Electric Generating Station, Unit 1, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the expected range (i.e., Green). However, the NRC determined the performance at South Texas Project Electric Generating Station, Unit 2, during the most recent quarter was within the Regulatory Response Column, the second highest performance column of the ROP Action Matrix. This conclusion was based on a single inspection finding having low safety significance (i.e., White) in the Initiating Events Cornerstone originating in the fourth quarter of 2024, and all PIs within the expected range (i.e., Green).

Therefore, in addition to ROP baseline inspections, the NRC plans to conduct a supplemental inspection in accordance with Inspection Procedure (IP) 95001, "Supplemental Response to Action Matrix Column 2 (Regulatory Response) Inputs." This IP is conducted to ensure that the causes of risk significant performance issues are understood, to ensure the extent of condition and the extent of cause of issues are identified, and to ensure completed and pending corrective actions are timely and address and preclude repetition.

On March 6, 2026, the NRC was notified of your readiness for the supplemental inspection to review the actions taken to address the performance issues. Therefore, the NRC is in the process of scheduling this supplemental inspection and will contact you at a later date to schedule this inspection.

The enclosed inspection plan lists the inspections scheduled through December 31, 2027. The 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.

This inspection plan also includes IP 71003, "Post-Approval Site Inspection for License Renewal," for Unit 2, which is scheduled for January 25, 2027, to February 12, 2027. The Regional Administrator has authorized implementation of this non-routine IP, as also documented in Report 05000498/2024006 and 05000499/2025006, dated March 11, 2025 (ADAMS No. ML25062A164).

This letter and its enclosure will be made available for public inspection and copying at [ADAMS Public Documents | NRC.gov](https://www.nrc.gov/public-documents) 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."

Please contact Douglas Dodson at (817) 200-1148 with any questions you have regarding this letter.

Sincerely,



Signed by Vossmar, Patricia  
on 03/11/26

Patricia Vossmar, Acting Director  
Division of Operating Reactor Safety

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

Enclosure:  
Inspection Plan

cc w/ encl: Distribution via GovDelivery Subscriber

ANNUAL ASSESSMENT LETTER FOR SOUTH TEXAS ELECTRIC GENERATING STATION,  
 UNITS 1 AND 2 (REPORT 05000498/2025006 AND 05000499/2025006) – DATED  
 MARCH 11, 2026

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DOCUMENT NAME: ANNUAL ASSESSMENT LETTER FOR SOUTH TEXAS ELECTRIC GENERATING STATION,  
 UNITS 1 AND 2 (REPORT 05000498/2025006 AND 05000499/2025006)

ADAMS ACCESSION NUMBER: **ML26064A011**

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OFFICE	SPE:DORS/PBC	BC:DORS/PBC	D:DORS	
NAME	RKumana	DDodson	PVossmar	
SIGNATURE	<i>/RA/</i>	<i>/RA/</i>	<i>/RA/</i>	
DATE	03/05/26	03/05/26	03/11/26	

**OFFICIAL RECORD COPY**

# Site Inspection Activity Plan

## South Texas Project

01/01/2026 - 12/31/2027

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>Inservice Inspection - STP (U1)</b>						1
1	3/30/2026	4/10/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,3,PI - STP</b>						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	
<b>South Texas Project 2026 PI&amp;R</b>						4
1,2	8/17/2026	8/21/2026	IP 71152B	000747	Problem Identification and Resolution	
1,2	8/24/2026	9/4/2026	IP 71152B	000747	Problem Identification and Resolution	
<b>STP 2026 INITIAL EXAM</b>						5
1,2	8/9/2026	8/15/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	9/13/2026	9/26/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>Age-Related Degradation Inspection – South Texas Project</b>						3
1,2	9/14/2026	9/18/2026	IP 71111.21N.04	001832	Age-Related Degradation	
1,2	9/28/2026	10/2/2026	IP 71111.21N.04	001832	Age-Related Degradation	
<b>Security 71130.02/.07/.08</b>						3
1,2	9/14/2026	9/17/2026	IP 71130.02	000734	Access Control	
1,2	9/14/2026	9/17/2026	IP 71130.07	000739	Security Training	
1,2	9/14/2026	9/17/2026	IP 71130.08	000740	Fitness-For-Duty Program	
1,2	9/14/2026	9/17/2026	IP 71130.09	001656	Security Plan Changes	
1,2	9/14/2026	9/17/2026	IP 71151	001338	Performance Indicator Verification	
<b>EP Exercise &amp; PI Inspection (2026) - STP</b>						5
1,2	10/19/2026	10/23/2026	IP 71114.01	000716	Exercise Evaluation	
1,2	10/19/2026	10/23/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	10/19/2026	10/23/2026	IP 71151	001397	Performance Indicator Verification	
<b>Cybersecurity - STP</b>						3
1,2	10/19/2026	10/23/2026	IP 71130.10	000741	Cybersecurity	
<b>RP 5,8</b>						2
1,2	11/16/2026	11/20/2026	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	11/16/2026	11/20/2026	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
<b>FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - STP</b>						4
1,2	1/4/2027	1/8/2027	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1,2	2/1/2027	2/5/2027	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	

# Site Inspection Activity Plan

<b>License Renewal 71003- STP (Phase 2)</b>						5
1,2	1/25/2027	2/12/2027	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
<b>Inservice Inspection- STP (U2)</b>						1
2	3/29/2027	4/10/2027	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 6,7 - STP</b>						2
1,2	5/3/2027	5/7/2027	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	5/3/2027	5/7/2027	IP 71124.07	000731	Radiological Environmental Monitoring Program	
<b>EP Program &amp; PI Inspection (2027) - STP</b>						1
1,2	7/19/2027	7/23/2027	IP 71114.02	000717	Alert and Notification System Testing	
1,2	7/19/2027	7/23/2027	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	7/19/2027	7/23/2027	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	7/19/2027	7/23/2027	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	7/19/2027	7/23/2027	IP 71151	001397	Performance Indicator Verification	
<b>STP 2027 BRQ</b>						2
1,2	8/1/2027	8/7/2027	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
<b>STP 2027 INITIAL EXAM</b>						5
1,2	7/18/2027	7/24/2027	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	8/22/2027	9/4/2027	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
<b>Security 71130.01/.02/.04</b>						3
1,2	8/23/2027	8/26/2027	IP 71130.01	000733	Access Authorization	
1,2	8/23/2027	8/26/2027	IP 71130.02	000734	Access Control	
1,2	8/23/2027	8/26/2027	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	8/23/2027	8/26/2027	IP 71130.09	001656	Security Plan Changes	
<b>Fire Protection Inspection- STP</b>						3
1,2	9/13/2027	10/2/2027	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
<b>Inservice Inspection- STP (U1)</b>						1
1	10/18/2027	10/30/2027	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
<b>RP 1,4,PI - STP</b>						2
1,2	10/18/2027	10/22/2027	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	10/18/2027	10/22/2027	IP 71124.04	000728	Occupational Dose Assessment	
1,2	10/18/2027	10/22/2027	IP 71151	000746	Performance Indicator Verification	