



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

September 1, 2021

Mr. G. T. Powel, 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 05000498/2021005 AND
05000499/2021005)

Dear Mr. Powell:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for South Texas Project Electric Generating Station, Units 1 and 2. The 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.

In response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the Reactor Oversight Process (ROP). Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," 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 (ADAMS). ADAMS 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 817-200-1148 with any questions you have regarding this letter.

Sincerely,

Jeffrey E. Josey, Chief
Reactor Projects Branch A
Division of Reactor Safety

Docket Nos. 05000498 and 05000499
License Nos. NPF-76 and 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 05000498/2021005 AND 05000499/2021005) – DATED SEPTEMBER 1, 2021

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ADAMS ACCESSION NUMBER: ML21230A393

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

OFFICE	SPE:DRP/A	BC:DRP/A			
NAME	HFreeman /RA/	JJosey			
DATE	08/16/2021	09/01/2021			

OFFICIAL RECORD COPY

IP 22b Site Inspection Activity Plan

South Texas Project

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
Force-on-Force Planning and Exercise Weeks - STP						6
1, 2	7/12/2021	7/16/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	8/23/2021	8/27/2021	IP 92707	001711	Security Inspection of Facilities Impacted by a Local, State, or Federal Emergency Where the NRC's Ability to Conduct Triennial Force On-Force Exercises is Limited	
RP 6,7 - STP						2
1, 2	7/19/2021	7/23/2021	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	7/19/2021	7/23/2021	IP 71124.07	000731	Radiological Environmental Monitoring Program	
EP Biennial Exercise and PI Inspection - STP						4
1, 2	7/19/2021	7/30/2021	IP 71151	001397	Performance Indicator Verification	
1, 2	7/26/2021	7/30/2021	IP 71114.01	000716	Exercise Evaluation	
1, 2	7/26/2021	7/30/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
Security Access Authorization .01 and Access Control .02 w/PIV - STP						2
1, 2	7/26/2021	7/30/2021	IP 71130.01	000733	Access Authorization	
1, 2	7/26/2021	7/30/2021	IP 71130.02	000734	Access Control	
1, 2	7/26/2021	7/30/2021	IP 71130.09	001656	Security Plan Changes	
1, 2	7/26/2021	7/30/2021	IP 71151	001338	Performance Indicator Verification	
2021 BRQ - STP						3
1, 2	8/8/2021	9/4/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
1, 2	9/5/2021	9/25/2021	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
RP 2,4 - STP						2
1, 2	8/30/2021	9/3/2021	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	8/30/2021	9/3/2021	IP 71124.04	000728	Occupational Dose Assessment	
Inservice Inspection 1RF23 - STP						1
1	10/11/2021	10/22/2021	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
Power-Operated Valves Inspection - 21N - South Texas						3
1, 2	1/24/2022	2/11/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
RP 5,8 - STP						2
1, 2	1/31/2022	2/4/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	1/31/2022	2/4/2022	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
Security Access Control .02 - STP						1
1, 2	2/7/2022	2/11/2022	IP 71130.02	000734	Access Control	

IP 22b Site Inspection Activity Plan

1, 2	2/7/2022	2/11/2022	IP 71130.09	001656	Security Plan Changes	
1, 2	2/7/2022	2/11/2022	IP 71151	001338	Performance Indicator Verification	
South Texas ISFSI Triennial Loading Inspection (Part 50) Feeder for Resident						2
1, 2	3/1/2022	3/2/2022	IP 60855	001001	Operation Of An ISFSI	
EP 2022 Exercise Scenario In-Office Review - STP						4
1, 2	5/9/2022	6/18/2022	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
Biennial PI&R - STP						4
1, 2	6/6/2022	6/10/2022	IP 71152B	000747	Problem Identification and Resolution	
1, 2	6/20/2022	6/24/2022	IP 71152B	000747	Problem Identification and Resolution	
Security Protective Strategy .05 - STP						2
1, 2	6/20/2022	6/24/2022	IP 71130.05	000737	Protective Strategy Evaluation	
STP 2022 INITIAL EXAM						7
1, 2	7/10/2022	7/16/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	8/21/2022	8/27/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Design Bases Assurance Inspection (Team) - 21M - South Texas						6
1, 2	7/18/2022	8/5/2022	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
EP 2022 Biennial Exercise & PI Inspection - STP						4
1, 2	7/18/2022	7/22/2022	IP 71114.01	000716	Exercise Evaluation	
1, 2	7/18/2022	7/22/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	7/18/2022	7/22/2022	IP 71151	001397	Performance Indicator Verification	
Security Training/Equip Maint .07 and .04 - STP						2
1, 2	8/29/2022	9/2/2022	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	8/29/2022	9/2/2022	IP 71130.07	000739	Security Training	
Inservice Inspection 2RF22 - STP						1
2	10/10/2022	10/21/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP 1,2,PI - STP						2
1, 2	10/17/2022	10/21/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/17/2022	10/21/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
Cyber Security Inspection - STP						4
1, 2	12/12/2022	12/16/2022	IP 71130.10P	000741	Cyber Security	
Heat Exchanger/Sink Performance Inspection - 07T - South Texas						2
1, 2	1/1/2023	6/30/2023	IP 71111.07T	000700	Heat Sink Performance	
10 CFR 59.59 Inspection - 17T - South Texas						3
1, 2	1/1/2023	6/30/2023	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
Fire Protection Inspection - STP						3

IP 22b Site Inspection Activity Plan

1, 2 1/30/2023 2/17/2023 IP 71111.21N.05 001646 Fire Protection Team Inspection (FPTI)

RP 1,3,PI 2

1, 2 3/27/2023 3/31/2023 IP 71124.01 000725 Radiological Hazard Assessment and Exposure Controls

1, 2 3/27/2023 3/31/2023 IP 71124.03 000727 In-Plant Airborne Radioactivity Control and Mitigation

Security Access Authorization .01 and Access Control .02 + PIV + Plan Change .09 - STP 2

1, 2 6/5/2023 6/9/2023 IP 71130.01 000733 Access Authorization

1, 2 6/5/2023 6/9/2023 IP 71130.02 000734 Access Control

1, 2 6/5/2023 6/9/2023 IP 71130.09 001656 Security Plan Changes

1, 2 6/5/2023 6/9/2023 IP 71151 001338 Performance Indicator Verification

IP 22b Site Inspection Activity Plan

South Texas Project

07/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
South Texas ISFSI Triennial Loading Inspection (1 week in March)(Part 72)						2
1	3/1/2022	3/31/2022	IP 60855	001001	Operation Of An ISFSI	