



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

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

August 30, 2019

Mr. 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 05000498/2019005 AND
05000499/2019005

Dear Mr. Powell:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, for 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. You should be aware that the agency is pursuing potential changes to the Reactor Oversight Process (ROP), including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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* (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,

/RA/

Jeffrey A. Josey, Chief
Project Branch A
Division of Reactor Projects

Docket Nos. 50-498; 50-499
License Nos. NPF-76; NPF-80

Enclosure:
Inspection Plan

UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNITS 1 AND 2, REPORT 05000498/2019005 AND 05000499/2019005 - DATED AUGUST 30, 2019

DISTRIBUTION:

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 DRP Branch Chiefs
 DRS Branch Chiefs
 ROP Reports Resource
 ROP Assessment Resource

DOCUMENT NAME: STP 2019005 MidCycle
 ADAMS ACCESSION NUMBER: ML19234A060

SUNSI Review ADAMS: Non-Publicly Available Non-Sensitive Keyword:
 By: **RDA** Yes No Publicly Available Sensitive Nrc-002

| | | | | | |
|-----------|------------|----------|--|--|--|
| OFFICE | PBA:SPE | PBA:C | | | |
| NAME | RAlexander | JJosey | | | |
| SIGNATURE | /RA/ | /RA/ | | | |
| DATE | 08/19/19 | 08/30/19 | | | |

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

South Texas Project

07/01/2019 - 06/30/2021

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|------------|------------|-----------------|--------|---|-------------|
| EP PROGRAM INSPECTION | | | | | | 1 |
| 1, 2 | 07/08/2019 | 07/12/2019 | IP 71114.02 | 000717 | Alert and Notification System Testing | |
| 1, 2 | 07/08/2019 | 07/12/2019 | IP 71114.03 | 000718 | Emergency Response Organization Staffing and Augmentation System | |
| 1, 2 | 07/08/2019 | 07/12/2019 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1, 2 | 07/08/2019 | 07/12/2019 | IP 71114.05 | 000720 | Maintenance of Emergency Preparedness | |
| 1, 2 | 07/08/2019 | 07/12/2019 | IP 71151 | 001397 | Performance Indicator Verification | |
| STP 2019 INITIAL EXAM | | | | | | 5 |
| 1, 2 | 07/14/2019 | 07/23/2019 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| Security Access Control .02 | | | | | | 1 |
| 1, 2 | 09/16/2019 | 09/27/2019 | IP 71130.02 | 000734 | Access Control | |
| 1, 2 | 09/16/2019 | 09/27/2019 | IP 71151 | 001338 | Performance Indicator Verification | |
| Inservice Inspection 2RF20 - STP | | | | | | 1 |
| 1, 2 | 10/13/2019 | 11/02/2019 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP INSPECTION (1,3) - RFO | | | | | | 2 |
| 1, 2 | 10/21/2019 | 10/25/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 10/21/2019 | 10/25/2019 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| STP 2019 BRQ | | | | | | 2 |
| 1, 2 | 11/17/2019 | 11/23/2019 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance | |
| Fire Protection Inspection - STP | | | | | | 3 |
| 1, 2 | 01/27/2020 | 01/31/2020 | IP 71111.21N.05 | | Fire Protection Team Inspection (FPTI) | |
| 1, 2 | 02/10/2020 | 02/14/2020 | IP 71111.21N.05 | | Fire Protection Team Inspection (FPTI) | |
| Inservice Inspection 1RF22 - STP | | | | | | 1 |
| 1 | 03/30/2020 | 04/10/2020 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RS12PI Radiation Safety | | | | | | 2 |
| 1, 2 | 03/30/2020 | 04/03/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 03/30/2020 | 04/03/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| Security Access Control .02 | | | | | | 1 |
| 1, 2 | 05/04/2020 | 05/08/2020 | IP 71130.02 | 000734 | Access Control | |

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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South Texas Project

07/01/2019 - 06/30/2021

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|--|------------|------------|--------------|--------|---|-------------|
| Security Access Control .02 | | | | | | 1 |
| 1, 2 | 05/04/2020 | 05/08/2020 | IP 71151 | 001338 | Performance Indicator Verification | |
| South Texas 1, 2 - Evaluations of Changes, Tests, and Experiments | | | | | | 3 |
| 1, 2 | 05/11/2020 | 05/15/2020 | IP 71111.17T | 000709 | Evaluations of Changes, Tests, and Experiments | |
| STP 2020 INITIAL EXAM | | | | | | 6 |
| 1, 2 | 06/07/2020 | 06/13/2020 | OV | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |
| 1, 2 | 07/12/2020 | 07/18/2020 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| 1, 2 | 07/19/2020 | 07/25/2020 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| South Texas 1, 2 - Heat Sink Performance (Triennial) | | | | | | 2 |
| 1, 2 | 07/20/2020 | 07/24/2020 | IP 71111.07T | 000700 | Heat Sink Performance | |
| Security Equipment .04 and Training .07 | | | | | | 2 |
| 1, 2 | 08/24/2020 | 08/28/2020 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 1, 2 | 08/24/2020 | 08/28/2020 | IP 71130.07 | 000739 | Security Training | |
| RS5678 Radiation Safety PS Team | | | | | | 4 |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71124.06 | 000730 | Radioactive Gaseous and Liquid Effluent Treatment | |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71124.07 | 000731 | Radiological Environmental Monitoring Program | |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71124.08 | 000732 | Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation | |
| MC&A - Material Control & Accounting | | | | | | 1 |
| 1, 2 | 09/14/2020 | 09/18/2020 | IP 71130.11 | 000742 | Material Control and Accounting (MC&A) | |
| EP Exercise and PI Inspection | | | | | | 4 |
| 1, 2 | 10/26/2020 | 10/30/2020 | IP 71114.01 | 000716 | Exercise Evaluation | |
| 1, 2 | 10/26/2020 | 10/30/2020 | IP 71114.04 | 000719 | Emergency Action Level and Emergency Plan Changes | |
| 1, 2 | 10/26/2020 | 10/30/2020 | IP 71151 | 001397 | Performance Indicator Verification | |
| Design Bases Assurance (Program) 21N - South Texas | | | | | | 3 |
| 1, 2 | 03/08/2021 | 03/26/2021 | IP 71111.21N | 000714 | Design Bases Assurance Inspection (Programs) | |

IP 22 Inspection Activity Plan Report

South Texas Project

07/01/2019 - 06/30/2021

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|---|------------|------------|--------------|--------|--|-------------|
| Inservice Inspection 2RF21 - STP | | | | | | 1 |
| 2 | 03/22/2021 | 04/02/2021 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | |
| RP 1,3,PI | | | | | | 2 |
| 1, 2 | 03/29/2021 | 04/02/2021 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | |
| 1, 2 | 03/29/2021 | 04/02/2021 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| STP 2021 INITIAL EXAM | | | | | | 7 |
| 1, 2 | 06/06/2021 | 06/12/2021 | OV | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | |