



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

August 31, 2018

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 (REPORTS 05000498/2018005 AND  
05000499/2018005)

Dear Mr. Powell:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, for South Texas Project Electric Generating Station, Units 1 and 2. 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 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.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated with the Open Phase Condition Design Vulnerabilities in Electric Power Systems (NRC Bulletin 2012-01)."

In order to verify the adequacy of the security controls for a new independent spent fuel storage installation, the NRC will also conduct Inspection Procedure 81311, "Physical Security Requirements for Independent Spent Fuel Storage Installations," prior to the first loading of spent fuel. The NRC will use the advance notification required under § 72.212 (b)(1) to coordinate our initial inspection of this facility.

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 (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 817-200-1141 with any questions you have regarding this letter.

Sincerely,

***/RA/***

Nicholas H. Taylor, Chief  
Project Branch B  
Division of Reactor Projects

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

Enclosure: Inspection Plan

# IP 22 Inspection Activity Plan Report

## South Texas Project

08/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>BIENNIAL PI&amp;R</b>						4
1, 2	08/06/2018	08/09/2018	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/20/2018	08/23/2018	IP 71152B	000747	Problem Identification and Resolution	
<b>STP HEAT SINK PERFORMANCE</b>						2
1, 2	09/10/2018	09/14/2018	IP 71111.07T	000700	Heat Sink Performance -Triennial	
<b>INITIAL EXAM</b>						4
1, 2	09/16/2018	09/22/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	10/21/2018	11/03/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>TI 2515/194</b>						2
1, 2	12/03/2018	12/07/2018	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	
<b>Security Access Control .02</b>						1
1, 2	02/11/2019	02/15/2019	IP 71130.02	000734	Access Control	
1, 2	02/11/2019	02/15/2019	IP 71151	001338	Performance Indicator Verification	
<b>RP INSPECTION (2,4)</b>						2
1, 2	03/11/2019	03/15/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/11/2019	03/15/2019	IP 71124.04	000729	Occupational Dose Assessment	
<b>SOUTH TEXAS DBA TEAM INSPECTION</b>						6
1, 2	03/25/2019	04/12/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
<b>INITIAL EXAM</b>						5
1, 2	06/16/2019	06/22/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	07/14/2019	07/20/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
<b>EP PROGRAM INSPECTION</b>						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	Correction of Emergency Preparedness Weaknesses and Deficiencies	

This report does not include INPO and OUTAGE activities.

This report shows only on-site and announced inspection procedures.

Enclosure

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# IP 22 Inspection Activity Plan Report

## South Texas Project

08/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
<b>EP PROGRAM INSPECTION</b>						1
1, 2	07/08/2019	07/12/2019	IP 71151	001397	Performance Indicator Verification	
<b>BRQ</b>						3
1, 2	08/25/2019	08/31/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
<b>Security Protective Strategy and Target Set .05 / .14</b>						4
1, 2	09/02/2019	11/08/2019	IP 71130.14	000743	Review of Power Reactor Target Sets	
1, 2	09/23/2019	09/27/2019	IP 71130.05	000737	Protective Strategy Evaluation	
<b>RP INSPECTION (1,3) - RFO</b>						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	
<b>Triennial Fire Protection Inspection</b>						4
1, 2	01/27/2020	01/31/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
1, 2	02/10/2020	02/14/2020	IP 71111.05T	000696	Fire Protection (Triennial)	
<b>RS12PI Radiation Safety</b>						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	
<b>South Texas 1, 2 - Evaluations of Changes, Tests, and Experiments</b>						3
1, 2	05/11/2020	05/15/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
<b>INITIAL EXAM</b>						8
1, 2	06/07/2020	06/13/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	

UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC  
GENERATING STATION, UNITS 1 AND 2 (REPORTS 05000498/2018005 AND  
05000499/2018005) – August 31, 2018

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ADAMS ACCESSION NUMBER: ML18234A418

☒ SUNSI Review      ADAMS:      ☐ Non-Publicly Available      ☒ Non-Sensitive      Keyword:  
 By: NTaylor      ☒ Yes    ☐ No      ☒ Publicly Available      ☐ Sensitive      NRC-002

OFFICE	C:PSB1	C:DRP/B				
NAME	JGroom	NTaylor				
SIGNATURE	/RA/	/RA/				
DATE	8/9/18	8/31/18				

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