



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION IV  
1600 E. LAMAR BLVD  
ARLINGTON, TX 76011-4511

August 28, 2017

Mr. G. T. Powell  
Executive Vice President 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 (REPORTS 05000498/2017005 AND  
05000499/2017005)**

Dear Mr. Powell:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, 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. 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. This inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, as reflected in the enclosure, during this period the NRC staff will complete Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans." This inspection will be conducted at South Texas Project Electric Generating Station Units 1 and 2 to confirm the station's full implementation of Commission Orders EA-12-049 and EA-12-051.

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 and its enclosure 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 D. Proulx for/***

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

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

Enclosure:  
South Texas Project Electric Generating  
Station Inspection Plan

UPDATED INSPECTION PLAN FOR SOUTH TEXAS PROJECT ELECTRIC GENERATING  
STATION UNITS 1 AND 2 (REPORTS 05000498/2017005AND 05000499/2017005)

DISTRIBUTION

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ADAMS ACCESSION NUMBER: ML17242A182

SUNSI Review

ADAMS:

Non-Publicly Available

Non-Sensitive

Keyword:NRC-002

By:NHT/dll

Yes  No

Publicly Available

Sensitive

OFFICE	RIV/DRP:SPE	RIV/DRP:C			
NAME	DProulx	NTaylor			
SIGNATURE	/RA/	/RA/DProulx for			
DATE	8/28/17	8/28/17			

OFFICIAL RECORD COPY

**South Texas Project**  
**Inspection / Activity Plan**  
 07/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>EXAM - INITIAL EXAM</b>					<b>4</b>
1	08/14/2017	08/18/2017	X02592	INITIAL EXAM STP U1 (09/2017)	
2	08/14/2017	08/18/2017	X02593	INITIAL EXAM STP U2 (09/2017)	
1	09/25/2017	10/04/2017	X02592	INITIAL EXAM STP U1 (09/2017)	
2	09/25/2017	10/04/2017	X02593	INITIAL EXAM STP U2 (09/2017)	
<b>RS 24 - RADIATION SAFETY</b>					<b>2</b>
1,2	07/31/2017	08/04/2017	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	07/31/2017	08/04/2017	IP 71124.04	Occupational Dose Assessment	
<b>TI-191 - MITIGATING STRATEGIES/SFP INST FOR BDBEE</b>					<b>4</b>
1,2	10/23/2017	10/27/2017	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
<b>BRQ - BRQ INSPECTION</b>					<b>2</b>
1,2	10/16/2017	10/20/2017	IP 7111111B	Licensed Operator Requalification Program	
<b>RS 12PI - RAD SAFETY</b>					<b>2</b>
1,2	03/26/2018	03/30/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	03/26/2018	03/30/2018	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	03/26/2018	03/30/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	03/26/2018	03/30/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
<b>7111108 - INSERVICE INSPECTION UNIT 2</b>					<b>1</b>
2	04/02/2018	04/13/2018	IP 7111108P	Inservice Inspection Activities - PWR	
<b>EXAM - INITIAL EXAM</b>					<b>4</b>
1	09/17/2018	09/21/2018	X02626	INITIAL EXAM STP U1(11/18)	
2	09/17/2018	09/21/2018	X02627	INITIAL EXAM STP U2(11/2018)	
1	10/22/2018	11/01/2018	X02626	INITIAL EXAM STP U1(11/18)	
2	10/22/2018	11/01/2018	X02627	INITIAL EXAM STP U2(11/2018)	
<b>EB1-07T - STP HEAT SINK PERFORMANCE</b>					<b>2</b>
1,2	06/11/2018	06/15/2018	IP 7111107T	Heat Sink Performance	
<b>EP-1 - EP EXERCISE INSPECTION</b>					<b>5</b>
1,2	06/11/2018	06/15/2018	IP 7111401	Exercise Evaluation	
1,2	06/11/2018	06/15/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	06/11/2018	06/15/2018	IP 71151-EP01	Drill/Exercise Performance	
1,2	06/11/2018	06/15/2018	IP 71151-EP02	ERO Readiness	
1,2	06/11/2018	06/15/2018	IP 71151-EP03	Alert & Notification System Reliability	

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

**South Texas Project**  
**Inspection / Activity Plan**  
 07/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
<b>RS 5678 - RAD SAFETY</b>					<b>4</b>
1, 2	07/23/2018	07/27/2018	IP 71124.05	Radiation Monitoring Instrumentation	
1, 2	07/23/2018	07/27/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/23/2018	07/27/2018	IP 71124.07	Radiological Environmental Monitoring Program	
1, 2	07/23/2018	07/27/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
<b>PI&amp;R - BIENNIAL PI&amp;R INSPECTION</b>					<b>4</b>
1, 2	08/06/2018	08/10/2018	IP 71152B	Problem Identification and Resolution	
1, 2	08/20/2018	08/24/2018	IP 71152B	Problem Identification and Resolution	
<b>7111108 - INSERVICE INSPECTION UNIT 1</b>					<b>1</b>
1	10/15/2018	10/26/2018	IP 7111108P	Inservice Inspection Activities - PWR	
<b>RS 24 - RP INSPECTION</b>					<b>2</b>
1, 2	01/28/2019	02/01/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	01/28/2019	02/01/2019	IP 71124.04	Occupational Dose Assessment	
<b>EB1-21M - SOUTH TEXAS DBA TEAM INSPECTION</b>					<b>6</b>
1, 2	03/25/2019	04/12/2019	IP 7111121M	Design Bases Assurance Inspection (Teams)	

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