



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

September 4, 2012

Mr. Kevin D. Richards  
President and Chief Executive Officer  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, TX 77483

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR SOUTH TEXAS PROJECT  
ELECTRIC GENERATING STATION UNITS 1 AND 2 (REPORTS  
05000498/2012006 AND 05000499/2012006)

Dear Mr. Richards:

On August 14, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of South Texas Project Electric Generating Station Units 1 and 2. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2011, through June 30, 2012. 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 security inspection plan will be sent via separate correspondence.

The NRC determined the performance at South Texas Project Electrical Generating Station Units 1 and 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., Green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2013. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to the baseline inspections, consistent with the Agency's actions related to Fukushima, the NRC will perform TI-187, "Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns," and TI-188, "Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

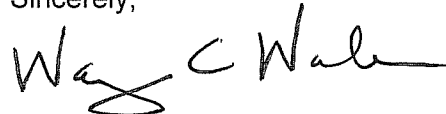
K. Richards

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In accordance with 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) 200-1148 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Wayne C. Walker". The signature is fluid and cursive, with the first name "Wayne" being more prominent.

Wayne C. Walker, Chief,  
Reactor Projects Branch A  
Division of Reactor Projects

Docket Nos.: 05000498, 05000499

License Nos.: NPF-76, NPF-80

Enclosure: South Texas Project Electric Generating Station/Activity Plan

cc w/Enclosure: Electronic Distribution

**South Texas Project**  
**Inspection / Activity Plan**  
**09/01/2012 - 12/31/2013**

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
1, 2	03/01/2012	12/31/2012	<b>2515/182 - UNDERGROUND PIPING PHASE 1</b>	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1, 2	07/01/2012	12/31/2012	<b>2515/187 - FLOODING WALKDOWNS</b>	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	2
1, 2	07/01/2012	12/31/2012	<b>2515/188 - SEISMIC WALKDOWNS</b>	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
1, 2	09/17/2012	09/21/2012	<b>TSB-52B - BIENNIAL PI&amp;R INSPECTION</b>	Problem Identification and Resolution	4
1, 2	10/01/2012	10/05/2012		Problem Identification and Resolution	
1, 2	10/22/2012	10/26/2012	<b>RS12 - RADIATION SAFETY</b>		2
1, 2	10/22/2012	10/26/2012		Radiological Hazard Assessment and Exposure Controls	
1, 2	10/22/2012	10/26/2012		Occupational ALARA Planning and Controls	
1	10/22/2012	10/26/2012		Occupational Exposure Control Effectiveness	
1	10/22/2012	10/26/2012		RETS/ODCM Radiological Effluent	
1	10/22/2012	11/02/2012	<b>PSB2-JSI - INSERVICE INSPECTION</b>		2
				Inservice Inspection Activities - PWR	
1, 2	01/01/2013	06/30/2013	<b>2515/182 - UNDERGROUND PIPING PHASE 1</b>	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	2
1, 2	01/01/2013	12/31/2013	<b>2515/187 - FLOODING WALKDOWNS</b>	Inspection of Near-Term Task Force Recommendation 2.3 Flooding Walkdowns	2
1, 2	01/01/2013	12/31/2013	<b>2515/188 - SEISMIC WALKDOWNS</b>	Inspection of Near-Term Task Force Recommendation 2.3 Seismic Walkdowns	2
2	04/27/2013	05/19/2013	<b>PSB2-JSI - UNIT 2 INSERVICE INSPECTION</b>		1
				Inservice Inspection Activities - PWR	
1, 2	05/06/2013	05/10/2013	<b>EP1 - BIENNIAL PROGRAM INSPECTION</b>		1
				Alert and Notification System Testing	
1, 2	05/06/2013	05/10/2013		Emergency Preparedness Organization Staffing and Augmentation System	
1, 2	05/06/2013	05/10/2013		Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	05/06/2013	05/10/2013	<b>PSB2-RP - RADIATION SAFETY</b>		2
				Radiological Hazard Assessment and Exposure Controls	
1, 2	05/06/2013	05/10/2013		In-Plant Airborne Radioactivity Control and Mitigation	
1	05/06/2013	05/10/2013		Occupational Exposure Control Effectiveness	
2	05/06/2013	05/10/2013		RETS/ODCM Radiological Effluent	

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

## Inspection / Activity Plan

09/01/2012 - 12/31/2013

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			<b>EXAM</b>	<b>- INIT EXAM</b>	<b>6</b>
1	08/26/2013	08/31/2013	X02515	INITIAL EXAM STP UNIT 1 (09/2013)	
2	08/26/2013	08/31/2013	X02516	INITIAL EXAM STP UNIT 2 (09/2013)	
1	09/30/2013	10/11/2013	X02515	INITIAL EXAM STP UNIT 1 (09/2013)	
2	09/30/2013	10/11/2013	X02516	INITIAL EXAM STP UNIT 2 (09/2013)	
			<b>INSP</b>	<b>- LICENSED OPERATOR REQUAL INSP</b>	<b>3</b>
1, 2	09/09/2013	09/13/2013	IP 7111111B	Licensed Operator Requalification Program	
			<b>EB1-21</b>	<b>- COMPONENT DESIGN BASIS INSPECTION</b>	<b>6</b>
1, 2	10/07/2013	11/08/2013	IP 7111121	Component Design Bases Inspection	
			<b>PSB2-RP</b>	<b>- RADIATION SAFETY</b>	<b>2</b>
1, 2	12/09/2013	12/13/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1, 2	12/09/2013	12/13/2013	IP 71124.04	Occupational Dose Assessment	

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