



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

September 3, 2013

Mr. Dennis L. Koehl  
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  
(REPORT 05000498/2013006 AND 05000499/2013006)**

Dear Mr. Koehl:

On August 13, 2013, the 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, 2012, through June 30, 2013. 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 NRC determined the performance at South Texas Project Electric 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, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. 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. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

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).

D. Koehl

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Please contact me at 817-200-1148 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink that reads "Wayne C. Walker". The signature is written in a cursive style with a large, sweeping "W" and "W".

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

Docket Nos. 05000498, 05000499

License Nos. NPF-76, NPF-80

Enclosure: South Texas Project Electric Generating Station, Units 1 and 2 Inspection / Activity Plan

Enclosure - Inspection Plan  
 South Texas Project  
 Inspection / Activity Plan  
 09/01/2013 - 12/31/2014

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Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	09/30/2013 10/11/2013	EXAM - INITIAL LICENSED OPERATOR EXAM X02515	INITIAL EXAM STP UNIT 1(09/2013)	6
2	09/30/2013 10/11/2013	X02516	INITIAL EXAM STP UNIT 2 (09/2013)	
1,2	09/09/2013 09/13/2013	INSP - LICENSED OPERATOR REQUAL INSP IP 7111111B	Licensed Operator Requalification Program	3
1,2	10/07/2013 11/08/2013	EB1-21 IP 7111121	COMPONENT DESIGN BASIS INSPECTION Component Design Bases Inspection	6
2	11/25/2013 12/06/2013	IP 7111108P	INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1,2	12/02/2013 12/06/2013	IP 71124.01	PSB2-RP - RADIATION SAFETY Radiological Hazard Assessment and Exposure Controls	2
1,2	12/02/2013 12/06/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1	12/02/2013 12/06/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	12/02/2013 12/06/2013	IP 71151-PR01	RETS/ODCM Radiological Effluent	
1,2	02/03/2014 02/07/2014	IP 71124.05	RP 5678 - RAD PROTECTION - PUBLIC SAFETY Radiation Monitoring Instrumentation	5
1,2	02/03/2014 02/07/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	02/03/2014 02/07/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	02/03/2014 02/07/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1,2	04/07/2014 04/11/2014	IP 71124.01	RS12 - RADIATION SAFETY Radiological Hazard Assessment and Exposure Controls	3
1,2	04/07/2014 04/11/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	04/07/2014 04/11/2014	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	04/07/2014 04/11/2014	IP 71151-PR01	RETS/ODCM Radiological Effluent	
1	04/07/2014 04/18/2014	IP 7111108P	71111.08 - STP 1R18 INSERVICE INSPECTION Inservice Inspection Activities - PWR	1
1,2	06/09/2014 06/13/2014	IP 7111105T	EB2-05T - TRIENNIAL FIRE PROTECTION INSPECTION Fire Protection [Triennial]	4
1,2	06/23/2014 06/27/2014	IP 7111105T	Fire Protection [Triennial]	
1,2	09/01/2014 10/02/2014	IP 7111408	EP-2 - EXERCISE SCENARIO REVIEW Exercise Evaluation - Scenario Review	2
1	09/15/2014 09/19/2014	IP 71152B	TSB 52B - BIENNIAL PI&R Problem Identification and Resolution	4
1,2	09/29/2014 10/03/2014	IP 71152B	Problem Identification and Resolution	

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  
 09/01/2013 - 12/31/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		<b>EP-1 - EP PERFORMANCE INDICATORS</b>		1
1, 2	11/03/2014 11/07/2014	IP 71151-EP01	Drill/Exercise Performance	
1, 2	11/03/2014 11/07/2014	IP 71151-EP02	ERO Drill Participation	
1, 2	11/03/2014 11/07/2014	IP 71151-EP03	Alert & Notification System	
		<b>EP-3 - BIENNIAL EP EXERCISE INSPECTION HAB</b>		5
1, 2	11/03/2014 11/07/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	

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