



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064**

March 4, 2002

William T. Cottle, President and  
Chief Executive Officer  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, Texas 77483

**SUBJECT: ANNUAL ASSESSMENT - SOUTH TEXAS PROJECT ELECTRIC GENERATING  
STATION (REPORT 50-498, 499/02-01)**

Dear Mr. Cottle:

On February 13, 2002, the NRC staff completed its end-of-cycle plant performance assessment of South Texas Project Electric Generating Station. The end-of-cycle review for South Texas Project Electric Generating Station involved the participation of all technical divisions in evaluating performance indicators for the most recent quarter and inspection results for the period from April 1 through December 31, 2001. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility. This will provide you an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

As discussed in our previous annual assessment letter, dated May 29, 2001, this inspection and assessment cycle consisted of three quarters (i.e., the second, third, and fourth quarters of Calendar Year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, South Texas Project Electric Generating Station operated in a manner that preserved public health and safety, and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as the first two quarters of the assessment cycle, was within the Licensee Response Column of the NRC's Action Matrix. This is based on all inspection findings being classified as having very low safety significance (Green) and all performance indicators indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through December 28, 2002, with two exceptions. The scheduled replacement of the Unit 2 steam generators is a major and infrequent activity that will receive additional inspection. Consequently, some baseline and additional inspection resources will be focused on the steam generator replacement activity. The additional inspection will be conducted in accordance with NRC Inspection Procedure 50001, "Steam Generator Replacement Inspection." Also, inspection will be conducted on Unit 2 in accordance with Temporary Instruction 2515/145, "Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin 2001-01)."

Immediately following the terrorist attacks on the World Trade Center and the Pentagon, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including South Texas Project Electric Generating Station, remain at a high level of security. On February 25, 2002, the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date we have monitored STP Nuclear Operating Company's actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, we will evaluate STP Nuclear Operating Company's compliance with these interim requirements.

The enclosed inspection plan details the inspections scheduled through March 31, 2003. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last 6 months of the inspection plan are tentative and may be revised at the Midcycle Review meeting.

In accordance with 10 CFR 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (817) 860-8148 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

William D. Johnson, Chief  
Project Branch A  
Division of Reactor Projects

Dockets: 50-498, 50-499  
Licenses: NPF-76, NPF-80

Enclosure:

South Texas Project Electric  
Generating Station Inspection/Activity Plan

cc w/enclosure:

J. J. Sheppard, Vice President  
Engineering & Technical Services  
STP Nuclear Operating Company  
P.O. Box 289  
Wadsworth, Texas 77483

S. M. Head, Manager, Licensing  
Nuclear Quality & Licensing Department  
STP Nuclear Operating Company  
P.O. Box 289, Mail Code: N5014  
Wadsworth, Texas 77483

A. Ramirez/C. M. Canady  
City of Austin  
Electric Utility Department  
721 Barton Springs Road  
Austin, Texas 78704

M. T. Hardt/W. C. Gunst  
City Public Service Board  
P.O. Box 1771  
San Antonio, Texas 78296

D. G. Tees/R. L. Balcom  
Houston Lighting & Power Company  
P.O. Box 1700  
Houston, Texas 77251

Jon C. Wood  
Matthews & Branscomb  
112 E. Pecan, Suite 1100  
San Antonio, Texas 78205

A. H. Gutterman, Esq.  
Morgan Lewis  
1111 Pennsylvania Avenue NW  
Washington, DC 20004

C. A. Johnson/R. P. Powers  
AEP - Central Power and Light Company  
P.O. Box 289, Mail Code: N5022  
Wadsworth, Texas 77483

INPO  
Records Center  
700 Galleria Parkway  
Atlanta, Georgia 30339-5957

Richard A. Ratliff, Chief  
Bureau of Radiation Control  
State of Texas  
1100 West 49th Street  
Austin, Texas 78756

Jim Calloway  
Public Utility Commission  
William B. Travis Building  
P.O. Box 13326  
1701 North Congress Avenue  
Austin, Texas 78701-3326

John L. Howard, Director  
Environmental and Natural Resources Policy  
Office of the Governor  
P.O. Box 12428  
Austin, Texas 78711-3189

Greg Westmoreland, Judge  
Matagorda County  
Matagorda County Courthouse  
1700 Seventh Street  
Bay City, Texas 77414

Charles Martinez, Jr.  
Mayor, City of Bay City  
City Hall  
1901 Fifth Street  
Bay City, Texas 77414

Robert McMahon  
Mayor, City of Palacios  
P.O. Box 845  
Palacios City Hall  
Palacios, Texas 77465

James Mitchell, Sheriff  
Matagorda County  
2323 Avenue E  
Bay City, Texas 77414

STP Nuclear Operating Company

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Federal Emergency Management Agency  
Ron Castleman, Regional Director  
Region VI, Federal Center  
800 North Loop 288  
Denton, Texas 76201-3698

Roger Mulder  
State Energy Conservation Office  
111 E 17th Street, Room 1114  
Austin, Texas 78711

Electronic distribution by RIV:

Regional Administrator **(EWM)**

DRP Director **(KEB)**

DRS Director **(ATH)**

Senior Resident Inspector **(NFO)**

Branch Chief, DRP/A **(DNG)**

Senior Project Engineer, DRP/A **(KMK)**

Staff Chief, DRP/TSS **(PHH)**

RITS Coordinator **(NBH)**

B. Henderson, PAO **(BWH)**

W. A. Maier, RSLO **(WAM)**

C. J. Gordon **(CJG)**

DRS Branch Chiefs **(GMG, ATG, CSM)**

W. D. Travers, EDO **(WDT)**

M. Johnson, Chief, NRR/DIPM/IIPB **(MRJ1)**

R. K. Frahm, PPR Program Manager, NRR/DIPM/IIPB **(RKF)**

B. A. Boger, Associate Dir. for Inspection and Programs **(BAB2)**

B. W. Sheron, Associate Dir. for Project Licensing and Technical Analysis **(BWS)**

J. Shea, Chief, Regional Operations Staff, OEDO **(JWS1)**

S. Richards, NRR Project Director **(SAR)**

R. Gramm, Chief, Section 1, NRR/DLPM **(RAG)**

J. Nakoski, NRR Project Manager **(JAN1)**

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RIV:C:DRP/A	D:DRS	D:DRP	<b>For signature</b>	
DNGGraves;df	ATHowell	KEBrockman	WDJohnson	
<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	<b>/RA/</b>	
<b>For review</b>	2/27/02	3/4/02	3/4/02	

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**South Texas Project**  
**Inspection / Activity Plan**  
**03/01/2002 - 03/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>SGINSP1 - SG REPLACEMENT INSPECTION PERIOD 1</b>		<b>2</b>			
2	IP 50001	Steam Generator Replacement Inspection		03/17/2002	06/15/2002	Other Routine
	<b>EMB - STP STEAM GENERATOR REPL 50.59 INSP</b>		<b>1</b>			
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		04/08/2002	04/12/2002	Baseline Inspections
	<b>PSB-S1 - ACCESS AUTH/CONTROL, SEC PLAN, AND PIV</b>		<b>1</b>			
1, 2	IP 7113001	Access Authorization Program (Behavior Observation Only)		04/15/2002	04/19/2002	Baseline Inspections
1, 2	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizati		04/15/2002	04/19/2002	Baseline Inspections
1, 2	IP 7113004	Security Plan Changes		04/15/2002	04/19/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		04/15/2002	04/19/2002	Baseline Inspections
	<b>EMB - TRIENNIEL FIRE PROTECTION INSPECTION</b>		<b>4</b>			
1, 2	IP 7111105T	Fire Protection		05/20/2002	05/24/2002	Baseline Inspections
	<b>SGINSP2 - SG REPLACEMENT INSPECTION PERIOD 2</b>		<b>2</b>			
2	IP 50001	Steam Generator Replacement Inspection		06/16/2002	09/21/2002	Other Routine
	<b>TM-RP-P - RP TEAM INSPECTION PUBLIC</b>		<b>4</b>			
1, 2	IP 7112103	Radiation Monitoring Instrumentation		06/17/2002	06/21/2002	Baseline Inspections
1, 2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		06/17/2002	06/21/2002	Baseline Inspections
1, 2	IP 7112202	Radioactive Material Processing and Transportation		06/17/2002	06/21/2002	Baseline Inspections
1, 2	IP 7112203	Radiological Environmental Monitoring Program		06/17/2002	06/21/2002	Baseline Inspections
	<b>PSB-EP1 - EP EXERCISE BASELINE INSPECTION</b>		<b>3</b>			
1, 2	IP 7111401	Exercise Evaluation		07/08/2002	07/12/2002	Baseline Inspections
1, 2	IP 7111404	Emergency Action Level and Emergency Plan Changes		07/08/2002	07/12/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		07/08/2002	07/12/2002	Baseline Inspections
	<b>RP-3 - ALARA</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		07/15/2002	07/19/2002	Baseline Inspections
	<b>EMB - PERM MODS</b>		<b>2</b>			
1, 2	IP 7111117B	Permanent Plant Modifications		08/12/2002	08/16/2002	Baseline Inspections
	<b>SGINSP3 - SG REPLACEMENT INSPECTION PERIOD 3</b>		<b>2</b>			
2	IP 50001	Steam Generator Replacement Inspection		09/22/2002	12/21/2002	Other Routine
	<b>RP-1 - ACRSA AND PIV</b>		<b>1</b>			
1, 2	IP 7112101	Access Control to Radiologically Significant Areas		10/21/2002	10/25/2002	Baseline Inspections
1, 2	IP 71151	Performance Indicator Verification		10/21/2002	10/25/2002	Baseline Inspections
	<b>EMB - ISI UNIT 2</b>		<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		11/04/2002	11/08/2002	Baseline Inspections

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**  
**03/01/2002 - 03/30/2003**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>TI 145-2 - TI 2515/145 UNIT 2</b>		<b>2</b>			
2	IP 2515/145	Circumferential Cracking of Reactor Pressure Vessel Head Penetration Nozzles (NRC Bulletin :		11/04/2002	11/08/2002	Safety Issues
	<b>EMB - ISI/SG - UNIT 2</b>		<b>1</b>			
2	IP 7111108	Inservice Inspection Activities		12/09/2002	12/13/2002	Baseline Inspections
	<b>EMB - BIENNIAL MR INSPECTION</b>		<b>1</b>			
1, 2	IP 7111112B	Maintenance Rule Implementation		01/13/2003	01/17/2003	Baseline Inspections
	<b>RP-4 - ALARA(4)</b>		<b>1</b>			
1, 2	IP 7112102	ALARA Planning and Controls		01/13/2003	01/17/2003	Baseline Inspections
	<b>OB-PIR - STP PIR INSPECTION</b>		<b>4</b>			
1, 2	IP 71152	Identification and Resolution of Problems		02/24/2003	03/14/2003	Baseline Inspections
	<b>EMB - HEAT SINKS</b>		<b>1</b>			
1, 2	IP 7111107B	Heat Sink Performance		03/10/2003	03/14/2003	Baseline Inspections

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