

August 21, 2003

Mr. James J. Sheppard
President and Chief Executive Officer
STP Nuclear Operating Company
South Texas Project Electric
Generating Station
P. O. Box 289
Wadsworth, TX 77483

SUBJECT: SOUTH TEXAS PROJECT, UNIT 1 - NRC STAFF'S REVIEW OF THE SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 1 STEAM GENERATOR TUBE INSPECTION REPORT FROM THE FALL 2001 OUTAGE (TAC NO. MB6541)

Dear Mr. Sheppard:

By letters dated November 6, 2001, and January 22, 2002, the South Texas Nuclear Operating Company, the licensee for the South Texas Project Electric Generating Station, Unit 1, submitted reports summarizing the steam generator (SG) tube inspections performed during refueling outage 1RE10 (fall 2001). The staff supplemented the SG inspection reports with information provided by the licensee in support of a license amendment request regarding SG inspection frequency (ML021780019).

The NRC staff notes that no tubes were plugged and no axial or circumferential crack-like indications were reported in any of the four SGs during the 2001 refueling outage. No indication of wear or service-induced wall reduction was detected in any of the four SGs during the 2001 refueling outage. A number of ding and dent signals were reported in each of the four SGs. One notable ding-like signal, measuring 58.55 volts was reported in SG-B, but rotating pancake coil testing revealed no signs of degradation. The licensee did not specifically identify the signal's location or indicate if this signal was new or if it was traceable to the preservice exam. If this signal was new the staff believes the licensee should consider, for future outages, additional diagnostic testing in order to further characterize and document the cause of such a signal.

The NRC staff concludes that the licensee provided the information required by the technical specifications and that no additional follow-up is required at this time. This completes our review of the subject submittal and our efforts under TAC No. MB6541.

Sincerely,

/RA/

David H. Jaffe, Senior Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-498

cc: See next page

Mr. James J. Sheppard
President and Chief Executive Officer
STP Nuclear Operating Company
South Texas Project Electric
Generating Station
P. O. Box 289
Wadsworth, TX 77483

August 21, 2003

SUBJECT: SOUTH TEXAS PROJECT, UNIT 1 - NRC STAFF'S REVIEW OF THE SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 1 STEAM GENERATOR TUBE INSPECTION REPORT FROM THE FALL 2001 OUTAGE (TAC NO. MB6541)

Dear Mr. Sheppard:

By letters dated November 6, 2001, and January 22, 2002, the South Texas Nuclear Operating Company, the licensee for the South Texas Project Electric Generating Station, Unit 1, submitted reports summarizing the steam generator (SG) tube inspections performed during refueling outage 1RE10 (fall 2001). The staff supplemented the SG inspection reports with information provided by the licensee in support of a license amendment request regarding SG inspection frequency (ML021780019).

The NRC staff notes that no tubes were plugged and no axial or circumferential crack-like indications were reported in any of the four SGs during the 2001 refueling outage. No indication of wear or service-induced wall reduction was detected in any of the four SGs during the 2001 refueling outage. A number of ding and dent signals were reported in each of the four SGs. One notable ding-like signal, measuring 58.55 volts was reported in SG-B, but rotating pancake coil testing revealed no signs of degradation. The licensee did not specifically identify the signal's location or indicate if this signal was new or if it was traceable to the preservice exam. If this signal was new the staff believes the licensee should consider, for future outages, additional diagnostic testing in order to further characterize and document the cause of such a signal.

The NRC staff concludes that the licensee provided the information required by the technical specifications and that no additional follow-up is required at this time. This completes our review of the subject submittal and our efforts under TAC No. MB6541.

Sincerely,

/RA/

David H. Jaffe, Senior Project Manager, Section 1
Project Directorate IV
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket No. 50-498

cc: See next page

DISTRIBUTION:

PUBLIC

PDIV-1 r/f

RidsNrrPMDJaffe

RidsAcrsAcnwMailCenter

RidsOgcRp

RidsNrrDlpmLpdiv1(RGramm)

RidsNrrLAMMcAllister

RidsRgn4MailCenter (BJohnson)

ACCESSION NO: ML032340061

*See Previous Concurrence

NRR-106

OFFICE	PDIV-1/PM	PDIV-1/LA*	PDIV-1/SC	EMCB/SC*
NAME	DJaffe	MMcAllister	RGramm	PAK for ALund
DATE	8/21/03	8/18/03	8/21/03	8/20/03

OFFICIAL RECORD COPY

South Texas, Unit 1

cc:

Mr. Cornelius F. O'Keefe
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P. O. Box 910
Bay City, TX 77414

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

Mr. L. K. Blaylock
Mr. W. C. Gunst
City Public Service Board
P. O. Box 1771
San Antonio, TX 78296

Mr. C. A. Johnson/A. C. Bakken
AEP Texas Central Company
P. O. Box 289
Mail Code: N5022
Wadsworth, TX 77483

INPO
Records Center
700 Galleria Parkway
Atlanta, GA 30339-3064

Regional Administrator, Region IV
U.S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011

D. G. Tees/R. L. Balcom
Texas Genco, LP
P. O. Box 1700
Houston, TX 77251

Judge, Matagorda County
Matagorda County Courthouse
1700 Seventh Street
Bay City, TX 77414

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

Mr. T. J. Jordan, Vice President
Engineering & Technical Services
STP Nuclear Operating Company
P. O. Box 289
Wadsworth, TX 77483

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

Environmental and Natural Resources
Policy Director
P. O. Box 12428
Austin, TX 78711-3189

Jon C. Wood
Matthews & Branscomb
112 East Pecan, Suite 1100
San Antonio, TX 78205

Arthur C. Tate, Director
Division of Compliance & Inspection
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756

Brian Almon
Public Utility Commission
William B. Travis Building
P. O. Box 13326
1701 North Congress Avenue
Austin, TX 78701-3326

South Texas, Unit 1

-2-

cc:

Susan M. Jablonski
Office of Permitting, Remediation
and Registration
Texas Commission on
Environmental Quality
MC-122
P.O. Box 13087
Austin, TX 78711-3087

Mr. Terry Parks, Chief Inspector
Texas Department of Licensing
and Regulation
Boiler Division
P. O. Box 12157
Austin, TX 78711

Mr. Ted Enos
4200 South Hulen
Suite 630
Ft. Worth, Texas 76109