

June 17, 2003

LICENSEE: STP Nuclear Operating Company

FACILITY: South Texas Project, Unit 1

SUBJECT: SUMMARY OF HEADQUARTERS, REGION IV, AND STP NUCLEAR OPERATING COMPANY (STPNOC) MAY 8, 2003, TELEPHONE CONFERENCE CALL REGARDING SOUTH TEXAS PROJECT, UNIT 1, BOTTOM MOUNTED INSTRUMENTATION LEAKAGE ISSUE; STATUS OF ACTIVITIES (TAC NO. MB8435)

On May 8, 2003, the NRC Headquarters and Region IV staff held a telephone conference call with STPNOC, the licensee for South Texas Project, Unit 1. The conference call was a continuation of the ongoing weekly discussions following the discovery of leakage at the interface of reactor vessel bottom head and bottom mounted instrumentation penetrations 1 and 46. Enclosure 1 is a list of participants. Enclosure 2 is the Conference Call Agenda.

On this telephone conference call, the licensee briefed the NRC on the status of nondestructive examination (NDE) and the status of planning for repair activities.

#### Overall Unit 1 Status

The licensee stated offloading of the core was proceeding and that 101 of the 193 fuel assemblies had been offloaded. The licensee expected to complete offloading fuel by May 9 and that the core barrel was to be removed on Sunday.

#### Planned NDE Activities

Lynchburg demonstration activities are complete and NDE Demonstration is ongoing at Waltz Mill today.

Full scale mock-up will be on site today. Plans are to have the mock-up flooded. On-site demonstration for Westinghouse is planned for Sunday and on Monday for Framatome. NDE delivery equipment will be packaged and shipped to the site. NDE data acquisition will commence on May 15.

#### Status of Repair Activities

The licensee has selected Framatome as contractor and has chosen the half nozzle repair option.

#### Root Cause Investigation

The licensee is following the Materials Reliability Program failure modes and effects analysis to arrive at the cause of the failure and leakage.

The licensee confirmed that the J-groove welds are stick shielded metal arc weld laid by hand. Preparations for full scale hemispheric weld mock up are in progress.

The licensee is evaluating other NDE techniques to provide information that will be useful to the understanding of the root cause.

Schedule for the next week

Special Inspection team will be on site. The licensee will keep the team informed. Licensee plans to have the next public meeting in the week of June 2, 2003.

*/RA/*

Mohan C. Thadani, Senior Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-498

Enclosures: 1. List of Participants  
2. Conference Call Agenda

cc w/encls: See next page

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***/RA/***

Mohan C. Thadani, Senior Project Manager, Section 1  
Project Directorate IV  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

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cc w/encls: See next page

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ACCESSION NO: ML031681113

\*See previous concurrence

NRR-001

OFFICE	PDIV-1/PM	PDIV-1/LA	RIV (e-mail concurrence)	PDIV-1/SC
NAME	MThadani:sab	MMcAllister*	WJohnson	RGramm*
DATE	6/17/03	6/13/03	6/17/03	6/13/03

LIST OF PARTICIPANTS

Licensee's Participants

Tom Jordan	Vice President Engineering and Technical Services
Mark McBurnet	Manager, Quality & Licensing
Steve Thomas	Manager, Plant Design Engineering
Tim Bowman	Manager, Unit 1 Operations
Paul Serra	Manager, Plant Protection
Kevin Richards	Outage Manager
Tom Strochein	Supervising Engineer
Harry Murray	BMI Project Manager
Wayne Harrison	Sr. Staff Licensing Engineer

NRC Participants

Headquarters

Bob Gramm  
Herb Berkow  
Karen Gott  
Carol Moyer  
Mark Hartzman  
Bill Cullen  
Brian McDermott  
Allen Hiser  
Mohan Thadani  
Chris Gratton  
Matt Mitchell

Region IV

Art Howell  
Dwight Chamberlain  
Gail Good  
Bill Johnson  
Charles Marschall  
Lee Ellershaw  
Tom Farnholtz  
Victor Dricks  
Russ Bywater

## CONFERENCE CALL AGENDA

	What	How	Who	Time (minutes)
1.	Desired Outcomes & Agenda	Review	McBurnett	1400 CDT (2)
2.	Overall status of unit 1	Discuss	Bowman	(5)
3.	High level status of NDE demonstration activities and planned activities for following week*	Discuss	McBurnett	(5)
4.	Status of repair design activities	Discuss	Thomas	(15)
5.	Response to some of the NRC questions from May 1 <sup>st</sup> meeting	Discuss	Thomas	(10)
6.	Schedule for next call and handle any coordination needed for inspections or other communications	Discuss	McBurnett	(10)

\*STPNOC NDE personnel are on travel this week in support of the NDE demonstration activities and will not be on the call. This agenda item will be primarily schedule status.

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

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