1REO8 Inservice Inspection Summary Report for Welds and Component Supports

of the South Texas Project Electric Generating Station - Unit 1

Operator: South Texas Project
Nuclear Operating Company

Address: P. O. Box 289
Wadsworth, Texas 77483

Commercial Operation: August 25, 1988

Issue Date: May 1999

1RE08 INSERVICE INSPECTION SUMMARY REPORT
FOR
WELDS AND COMPONENT SUPPORTS
of the
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION
UNIT NO. 1

USNRC DOCKET NO.: 50-498

OPERATING LICENSE NO.: NPF-76

COMMERCIAL OPERATION DATE: August 25, 1988

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1RE08 Inservice Inspection Summary Report for
Welds and Component Supports

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INTRODUCTION

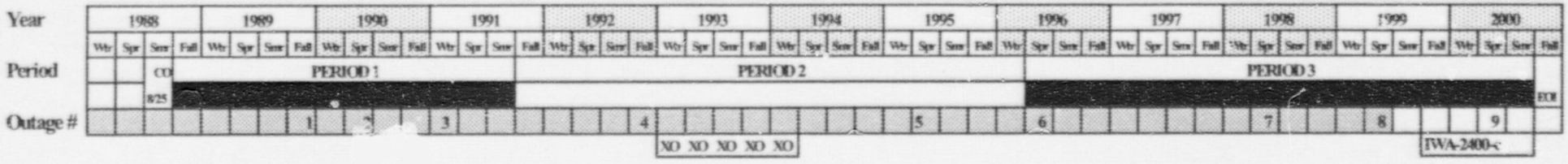
This Summary Report describes South Texas Project Nuclear Operating Company's (STPNOC) inservice inspection (ISI) of selected Class 1, 2, and 3 components of the South Texas Project Electric Generating Station, Unit 1 (STPEGS-1) performed prior to and during the eighth refueling outage (1RE08) of STPEGS-1. The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the American Society of Mechanical Engineers (ASME) Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The first ten year inspection interval of STPEGS-1 began August 25, 1988. Because STPEGS-1 was out of service continuously for 13 months, the inspection interval was extended for an equivalent period in accordance with IWA-2400(c) of ASME Section XI. ***The inspection interval is also extended an additional 12 months as allowed by IWA-2400(c). This extends the first inspection interval to September 24, 2000.*** The ISI summarized herein is for the second ISI of the third inspection period of STPEGS-1. The third inspection period began April 25, 1996 and extends to September 24, 2000. Figure 1 of this Section depicts the first ten year interval and Periods 1 through 3 for STPEGS-1. The percentages completion of examinations performed through 1RE07 for STPEGS-1 welds and component supports are also summarized in Figure 1.

The STPEGS-1 ISI program for the first inspection interval is described in the Ten Year ISI Plan previously filed with the Nuclear Regulatory Commission (NRC) and the State of Texas. The STPEGS-1 ISI program was developed and is being implemented in accordance with 10CFR50.55a, the 1983 Edition of Section XI Code with the Summer 1983 Addenda, and other regulatory and Code bases as specified in the Ten Year ISI Plan. This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports.

Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 1RE08 refueling outage on Class 1 and 2 welds (Section 2) and Class 1, 2, and 3 component supports (Section 3). Each of these sections describes the scope of examinations performed; examination results, and corrective actions (if needed). The appendices of this report provide a listing of the weld examinations (Appendix A), listing of component supports examinations (Appendix B), ISI limitations (Appendix C) and copies of the NIS-1 Forms: Owner's Report for Inservice Inspection (Appendix D).

ISI WELDS AND COMPONENT SUPPORTS PROGRAMS
FIRST 10-YEAR INSPECTION INTERVAL CALENDAR and STATUS
UNIT 1



CO - Commercial Operation August 25, 1988
EOI - End of Interval (extended by 1 year as allowed by IWA-2400-c) September 24, 2000
XO - Extended Outage (as defined by IWA-2400-c) from February 4, 1993 to March 28, 1994

PERIOD 1 Minimum 16 %
PERIOD 1 Maximum 34 %

PERIOD 1 SUMMARY	% Complete
Welds Program	31 %
Supports Program	34 %

PERIOD 2 Minimum 50 %
PERIOD 2 Maximum 67 %

PERIOD 2 SUMMARY	% Complete
Welds Program	61 %
Supports Program	61 %

PERIOD 3 Minimum 100 %
PERIOD 3 Maximum 100 %

Refueling Outage	6	7	8	Cumulative
PERIOD 3 SUMMARY	% Complete	% Complete	% Complete	% Complete
Welds Program	17 %	10 %	9 %	97 %
Supports Program	12 %	14 %	13 %	100 %

FIGURE 1

WELDS

This section of the Summary Report documents the examinations performed by STPNOC NDE Group and contractor nondestructive examination (NDE) personnel in accordance with the following documents:

(1) First 10-Year Long-Term Inservice Examination Plan for the South Texas Project Electric Generating Station, Unit 1 (LTP),

(2) Examination Plan for the 1999 - 1RE08 Inservice Inspection of Welds and Component Supports at the South Texas Project Electric Generating Station, Unit 1, (including any changes made during the performance of the examinations)

The Long-Term Plan (LTP) provides a detailed description of the rules for exemption, selection, allocation, and scheduling of Class 1 and 2 welds and examination areas for ISI.

Scope of Examinations

NDE was performed on selected Class 1 and Class 2 components and examination areas as contained in the Examination Plan. Any deviations or changes were documented as Examination Plan Changes to the Examination Plan. A complete listing of the components and examination areas and other pertinent information is contained in Appendix A. Class 1 and Class 2 weld identification figures referenced in the Tables of Appendix A are contained in the LTP.

Reactor Vessel (RV) examinations (excluding the RV Closure Head) were performed with both manual and automated NDE methods by WesDyne International personnel and equipment. This included all RV shell welds and nozzle welds, nozzle to safe-end welds, adjacent safe-end to pipe/fitting welds, and nozzle inner radii. A manual examination of the flange to shell weld was conducted from the seal surface to obtain maximum coverage. Remote visual examinations were also conducted on the RV internals and the RV interior surfaces.

Manual UT examinations were conducted by STPNOC NDE Group and contractor NDE personnel on the RV flange threads and flange bushings (Roto-Lok inserts). The UT examinations on the flange bushings were performed as described in Relief Request RR-ENG-23 in lieu of the Section XI required visual examination.

The spare RCP motor and flywheel were installed on RCP 1A during 1RE08. Baseline magnetic particle and ultrasonic examinations were performed on the replacement flywheel prior to the outage. These examinations are also summarized in this report.

1RE08 Inservice Inspection Summary Report for Welds and Component Supports

The examinations completed during 1RE08 and previous refueling outages constitute the following percentages of completion for Class 1 and Class 2 components during the first inspection interval:

	Cumulative (1st Interval)
Class 1 (IWB)	**98 %**
Class 2 (IWC)	**96 %**

Summary of Examinations

Examination Methods

The following examination methods were conducted:

VT Examinations

VT-1: Visual examination conducted to determine the condition of the part, component, or surface examined, including such conditions as cracks, wear, corrosion, erosion, or physical damage on the surfaces of the part or component.

VT-2: Visual examination conducted to locate evidence of leakage from pressure retaining components, or abnormal leakage.

VT-3: Visual examination conducted to determine the general mechanical and structural conditions of components.

PT Examinations

PT: Liquid penetrant examination conducted to detect surface defects.

MT Examinations

MT: Magnetic particle examination conducted to detect surface defects.

UT Examinations

UT: Ultrasonic examination conducted to detect the presence of discontinuities throughout the volume of weld and base material.

Examination Results and Corrective Actions

Examination area coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and Code Case N-408. In those cases where physical conditions of the component restricted examination of the required area, the amount of coverage achieved was assessed. Appendix C, ISI Examination Limitations, contains a detailed account of examination limitations encountered during 1RE08 weld examinations for limitations that were 10% or greater.

All UT indications determined to be recordable, regardless of signal amplitude, were investigated to determine the nature of the reflector. Indications determined to be other than geometry were evaluated to ASME Section XI criteria.

Additional and Successive Examinations

If examinations reveal indications that exceed allowable indication standards, additional examinations are required as prescribed in IWB-2430 and IWC-2430. No additional examinations of Class 1 or Class 2 components (IWB/IWC-2430) were required during this outage.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3122.4 and the component qualifies as acceptable for continued service. No successive examinations (IWB-2420 or IWC-2420) will be scheduled as a result of examinations performed during this outage.

Certification of Inspections

ASME Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-1 weld ISI examinations described in this section of the Summary Report. The STPEGS-1 weld ISI examinations have been certified by our ANII, Arkwright Mutual Insurance Company, on the NIS-1 forms included in Appendix D.

COMPONENT SUPPORTS

Introduction

This Section of the Summary Report documents the examinations of component supports performed by STPNOC NDE Group and contractor NDE personnel in accordance with the following documents:

(1) STPNOC (HL&P) Specification 5U035JS0003: Inservice Inspection Examination of Component Supports of South Texas Project Electric Generating Station, Unit 1, First Inspection Interval

(2) Examination Plan for the 1999 - 1RE08 Inservice Inspection of Welds and Component Supports at the South Texas Project Electric Generating Station, Unit 1, including changes made during the outage (Examination Plan).

The Specification provides a detailed description of the rules for exemption and selection of Class 1, 2, and 3 component supports for ISI. The 1RE08 Examination Plan is an individual Examination Plan for implementing ISI component support examinations as designated in the Specification. Any deviations or changes were documented as Examination Plan Changes to the Examination Plan.

Scope of Examinations

A complete listing of component supports examined during 1RE08 is contained in Appendix B. The examinations completed during 1RE08 and previous refueling outages constitute the following percentages of completion for Class 1, 2, and 3 component supports:

	Cumulative (1st Interval)
Class 1 (IWF)	**100 %**
Class 2 (IWF)	**100%**
Class 3 (IWF)	**100%**

Summary of Examinations

Examination Methods

The following visual examination methods were conducted for the ISI of component supports:

VT-3: Visual examination conducted to determine the general mechanical and structural conditions of components.

VT-4: Visual examination conducted to determine conditions related to the operability of components or devices.

Examination Results and Corrective Actions

The visual examinations performed on component supports during 1RE08 detected one(1) relevant condition. A spring hanger on a Class 3 Component Cooling piping had a cold load setting which was out of tolerance. Engineering evaluation CREE 99-5790-2 concluded the support to be operable and functional in each case and no additional or successive examinations are required. The hanger settings were reset and reexamined with satisfactory results.

Additional and Successive Examinations

The results of the visual examinations of component supports performed during 1RE08 did not require that any additional examinations (IWF-2430) be performed or any successive examinations (IWF-2420) be scheduled.

Certification of Inspections

Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-1 component support ISI examinations described in this section of the Summary Report. The STPEGS-1 component support ISI examinations have been certified by our ANII, Arkwright Mutual Insurance Company, on the NIS-1 forms included in Appendix D.

APPENDIX A

WELDS LISTING

EXAMINATION RESULTS LEGEND

B	Baseline Examination
C	Examination for Section XI Scheduling Credit
D	Examination Deferrable to End of Interval
W	RCP Flywheel Examination

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CAL	OGE OME	OTH ER	REMARKS **CALIBRATION BLOCK**
	CIRCUMFERENTIAL VESSEL WELDS (FIG NO A-RPV-1,2)							
000101	RPV1-101-121(B) FLANGE TO UPPER SHELL	B-A(D) B1.30	UT	WESDYNE UTI-013 R1	D	-	-	EXAMINED 100% OF WELD LENGTH FROM THE SEAL SURFACE. PERFORMED BY WESDYNE PERSONNEL WITH STPNOC PROCEDURE. **CSCL-43**
000102	RPV1-101-121(C) FLANGE TO UPPER SHELL	B-A(D) B1.30	M-UT	WESDYNE TGX-ISI-254	D	-	-	EXAMINE 100% OF WELD LENGTH FROM VESSEL WALL. **CSCL-39/CSCL-38**
	CIRCUMFERENTIAL VESSEL WELDS (FIG NO A-RPV-1)							
000200	RPV1-103-121 UPPER SHELL TO INTERMEDIATE SHELL	B-A(D) B1.11	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-38**
000300	RPV1-101-171 INTERMEDIATE SHELL TO LOWER SHELL	B-A(D) B1.11	M-UT	WESDYNE TGX-ISI-254	-	-	D	THREE INDICATIONS RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-1). **CSCL-38**
000400	RPV1-101-141 LOWER SHELL TO BOTTOM HEAD TORUS	B-A(D) B1.11	M-UT	WESDYNE TGX-ISI-254	-	-	D	THREE INDICATIONS RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-1). **CSCL-37/CSCL-38**
000500	RPV1-102-151 BOTTOM HEAD TORUS TO BOTTOM HEAD DOME	B-A(D) B1.21	M-UT	WESDYNE TGX-ISI-254	-	-	D	THREE INDICATIONS RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-1). **CSCL-37/CSCL-38**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	LONGITUDINAL VESSEL WELDS (FIG NO A-RPV-1)							
000800	RPV1-101-122A LONGITUDINAL WELD ON THE UPPER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	D	-	-	LIMITED EXAMINATION COVERAGE(RR-ENG-21). **CSCL-39/CSCL-38**
000900	RPV1-101-122B LONGITUDINAL WELD ON THE UPPER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-39/CSCL-38**
001000	RPV1-101-122C LONGITUDINAL WELD ON THE UPPER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-39/CSCL-38**
001100	RPV1-101-124A LONGITUDINAL WELD ON THE INTERMED SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	-	-	D	ONE INDICATION RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-2). **CSCL-38**
001200	RPV1-101-124B LONGITUDINAL WELD ON THE INTERMED SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	-	-	D	TWO INDICATIONS RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-2). ONE GEOMETRIC INDICATION ON THE OUTSIDE SURFACE. **CSCL-38**
001300	RPV1-101-124C LONGITUDINAL WELD ON THE INTERMED SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	-	-	D	ONE INDICATION RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-2). **CSCL-38**

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	LONGITUDINAL VESSEL WELDS (FIG NO A-RPV-1)							
001400	RPV1-101-142A LONGITUDINAL WELD ON THE LOWER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-38**
001500	RPV1-101-142B LONGITUDINAL WELD ON THE LOWER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	-	-	D	TWO INDICATIONS RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-2). **CSCL-38**
001600	RPV1-101-142C LONGITUDINAL WELD ON THE LOWER SHELL	B-A(D) B1.12	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-38**
	MERIDIONAL BOTTOM HEAD WELDS (FIG NO A-RPV-1)							
001700	RPV1-101-154A BOTTOM HEAD MERIDIONAL WELD AT 0 DEG	B-A(D) B1.22	M-UT	WESDYNE TGX-ISI-254	-	-	D	ONE INDICATION RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-3). **CSCL-37/CSCL-38**
001800	RPV1-101-154B BOTTOM HEAD MERIDIONAL WELD AT 90 DEG	B-A(D) B1.22	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-37/CSCL-38**
001900	RPV1-101-154C BOTTOM HEAD MERIDIONAL WELD AT 180 DEG	B-A(D) B1.22	M-UT	WESDYNE TGX-ISI-254	D	-	-	**CSCL-37/CSCL-38**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	OGE OM	OTH ER	REMARKS **CALIBRATION BLOCK**
	MERIDIONAL BOTTOM HEAD WELDS (FIG NO A-RPV-1)							
002000	RPV1-101-154D BOTTOM HEAD MERIDIONAL WELD AT 270 DEG	B-A(D) B1.22	M-UT	WESDYNE TGX-ISI-254	-	-	D	ONE INDICATION RECORDED AND EVALUATED TO BE ACCEPTABLE PER IWB-3510.1 (REF. CR 99-5294-3). **CSCL-37/CSCL-38**
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-RPV-1)							
002500	RPV1-107-121A LOOP A OUTLET NOZZLE AT 22 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
002600	RPV1-105-121A LOOP A INLET NOZZLE AT 67 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
002700	RPV1-105-121B LOOP B INLET NOZZLE AT 113 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
002800	RPV1-107-121B LOOP B OUTLET NOZZLE AT 158 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
002900	RPV1-107-121C LOOP C OUTLET NOZZLE AT 202 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (FIG NO A-RPV-1)							
003000	RPV1-105-121C LOOP C INLET NOZZLE AT 247 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
003100	RPV1-105-121D LOOP D INLET NOZZLE AT 293 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
003200	RPV1-107-121D LOOP D OUTLET NOZZLE AT 338 DEG	B-D B3.90	M-UT	WESDYNE TGX-ISI-254	C	-	-	**CSCL-39/CSCL-53/CSCL-38**
	NOZZLE INSIDE RADIUS SECTION (FIG NO A-RPV-2)							
003300	RPV1-N1AIR LOOP A OUTLET NOZZLE AT 22 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
003400	RPV1-N2AIR LOOP A INLET NOZZLE AT 67 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
003500	RPV1-N2BIR LOOP B INLET NOZZLE AT 113 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	NOZZLE INSIDE RADIUS SECTION (FIG NO A-RPV-2)							
003600	RPV1-N1BIR LOOP B OUTLET NOZZLE AT 158 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
003700	RPV1-N1CIR LOOP C OUTLET NOZZLE AT 202 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	-	-	C	ONE SUBSURFACE FLAW RECORDED FOR INFORMATION ONLY. ACCEPTABLE PER IWB-3512.1 (REF. CR 99-5294-6). **MU-44**
03800	RPV1-N2CIR LOOP C INLET NOZZLE AT 247 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
003900	RPV1-N2DIR LOOP D INLET NOZZLE AT 293 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
004000	RPV1-N1DIR LOOP D OUTLET NOZZLE AT 338 DEG	B-D B3.100	M-UT	WESDYNE TGX-ISI-254	C	-	-	**MU-44**
	NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-RPV-2)							
004500	RPV1-N1ASE LOOP A OUTLET NOZZLE AT 22 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	NOZZLE TO SAFE-END AND SAFE-END TO NOZZLE WELDS (FIG NO A-RPV-2)							
004600	RPV1-N2ASE LOOP A INLET NOZZLE AT 67 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
004700	RPV1-N2BSE LOOP B INLET NOZZLE AT 113 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
004800	RPV1-N1BSE LOOP B OUTLET NOZZLE AT 158 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
004900	RPV1-N1CSE LOOP C OUTLET NOZZLE AT 202 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
005000	RPV1-N2CSE LOOP C INLET NOZZLE AT 247 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
005100	RPV1-N2DSE LOOP D INLET NOZZLE AT 293 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**
005200	RPV1-N1DSE LOOP D OUTLET NOZZLE AT 338 DEG	B-F B5.10	M-UT	WESDYNE TGX-ISI-254	C	-	-	RR-ENG-22 **CSCL-48/CSS-80/MU-44**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005501	1 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005502	2 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005503	3 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005504	4 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005505	5 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005506	6 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005507	7 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005508	8 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005509	9 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005510	10 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005511	11 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005512	12 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005513	13 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005514	14 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGE OM	OTH ER	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005515	15 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005516	16 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005517	17 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005518	18 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005519	19 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005520	20 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005521	21 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005522	22 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005523	23 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005524	24 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005525	25 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005526	26 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005527	27 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005528	28 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G E M	O T H E R	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005529	29 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005530	30 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005531	31 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005532	32 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005533	33 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005534	34 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**
005535	35 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	**CS-47**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CME	OGE TOH	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)						
005536	36 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	- -	**CS-47**
005701	1 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**
005702	2 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**
005703	3 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**
005704	4 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**
005705	5 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**
005706	6 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	- -	RR-ENG-23 **CS-100**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGE CM	OTH ER	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005707	7 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005708	8 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005709	9 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005710	10 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005711	11 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005712	12 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005713	13 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CODE	NOG EOM	NOT EOR	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005714	14 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005715	15 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005716	16 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005717	17 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005718	18 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005719	19 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005720	20 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T E R	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005721	21 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005722	22 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005723	23 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005724	24 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005725	25 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005726	26 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005727	27 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)							
005728	28 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005729	29 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005730	30 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005731	31 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005732	32 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005733	33 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**
005734	34 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	RR-ENG-23 **CS-100**

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CME OTH	REMARKS **CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO A-RPV-2, 3A)					
005735	35 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D - -	RR-ENG-23 **CS-100**
005736	36 FLANGE BUSHING	B-G-1(D) B6.50	UT	UTI-052 R1	D - -	RR-ENG-23 **CS-100**
	VESSEL INTERIOR (FIG NO A-RPV-1)					
006200	VESSEL INTERIOR	B-N-1 B13.10	VT-3	WESDYNE TGX-ISI-88	C - -	FIVE TIEWRAPS LOCATED IN BOTTOM HEAD AREA. TIEWRAPS WERE REMOVED (CR 99-6134).
006400	VESSEL INTERIOR ATTACHMENTS BEYOND BELTLINE REGION	B-N-2(D) B13.60	VT-3	WESDYNE TGX-ISI-88	D - -	INCLUDES SIX CORE SUPPORT LUGS.
	VESSEL CORE SUPPORT STRUCTURE (FIG NO A-RPV-5)					
006502	ITEM NO. 1 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D - -	THERMOCOUPLE CLAMPS.
006504	ITEM NO. 2 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D - -	CONDUIT SWAGLOCK FITTINGS, BANDINGS, AND TAB LOCKS.
006506	ITEM NO. 3 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D - -	CLAMPS ON MOUNTING BRACKETS.

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CODE	OGE OMR	OTH ER	REMARKS **CALIBRATION BLOCK**
	VESSEL CORE SUPPORT STRUCTURE (FIG NO A-RPV-5)							
006508	ITEM NO. 4 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	CONDUIT CLAMP WELDS.
006510	ITEM NO. 5 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER SUPPORT COLUMN NUT TO EXTENSION WELDS.
006512	ITEM NO. 6 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	CONDUIT SUPPORT BRACKET WELDS.
006514	ITEM NO. 7 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	HOLD-DOWN SPRING INTERFACE SURFACE.
006516	ITEM NO. 8 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	WELDS ON SUPPORT COLUMN LOWER NOZZLES.
006518	ITEM NO. 9 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER CORE PLACE INSERTS.
006520	ITEM NO. 10 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	THERMOCOUPLE COLUMN AND GUIDE TUBE LOCKING DEVICES.
006522	ITEM NO. 11 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	SUPPORT COLUMN AND CORE INSERT SCREW LOCKING DEVICE.

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O C	G E M	O T E R	REMARKS **CALIBRATION BLOCK**
	VESSEL CORE SUPPORT STRUCTURE (FIG NO A-RPV-5)							
006523	ITEM NO. 12 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER SUPPORT SKIRT TO PLATE GIRTH WELD.
006524	ITEM NO. 13 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER SUPPORT SKIRT TO FLANGE GIRTH WELD.
006526	ITEM NO. 14 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	GUIDE TUBE WELDS.
006528	ITEM NO. 15 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER CORE PLATE LOCKING DEVICES.
006530	ITEM NO. 16 UPPER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	LIFTING ROD LOCK WELDS.
006532	ITEM NO. 17 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER BARREL TO FLANGE GIRTH WELD.
006534	ITEM NO. 18 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER BARREL TO LOWER BARREL GIRTH WELD.
006536	ITEM NO. 19 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	LOWER BARREL TO CORE SUPPORT WELD.

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	VESSEL CORE SUPPORT STRUCTURE (FIG NO A-RPV-5)							
006538	ITEM NO. 20 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	UPPER CORE PLATE ALIGNING PIN WELDS AND BEARING SURFACES. SURFACE CONDITIONS NOTED ON TOP OF CORE BARREL FLANGE. THESE CONDITIONS HAVE BEEN PREVIOUSLY DISPOSITIONED (REF. RFA 91-0153/SPR 910019).
006540	ITEM NO. 21 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	OUTLET NOZZLE INTERFACE SURFACE CONDITIONS.
006542	ITEM NO. 22 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	NEUTRON SHIELD PANEL DOWEL PIN COVER PALTE WELDS.
006544	ITEM NO. 23 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	NEUTRON SHIELD PANEL SCREW LOCKING DEVICES.
006546	ITEM NO. 24 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	INTERFACE SURFACES AT THE SPACER PADS ALONG TOP AND BOTTOM ENDS OF THE NEUTRON PANELS.
006548	ITEM NO. 25 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	BAFFLE ASSEMBLY SCREW LOCKING ARRANGEMENTS AT THE TWO TOP AND BOTTOM ELEVATIONS.
006550	ITEM NO. 26 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	FUEL PIN TO CORE SUPPORT LOCKING DEVICES.
006552	ITEM NO. 27 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	SECONDARY CORE SUPPORT HOUSING TO BASE PLATE WELD.

REACTOR PRESSURE VESSEL

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGM	OTHER	REMARKS **CALIBRATION BLOCK**
	VESSEL CORE SUPPORT STRUCTURE (FIG NO A-RPV-5)							
006554	ITEM NO. 28 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	LOCKING DEVICES AND CONTACT OF THE BOTTOM INSTRUMENTATION GUIDE COLUMNS WHERE ATTACHED TO THE CORE SUPPORT AND TIE PLATES.
006556	ITEM NO. 29 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	LOCKING DEVICES OF THE SECONDARY CORE SUPPORT COLUMNS WHERE ATTACHED TO THE CORE SUPPORT AND TIE PLATES.
006558	ITEM NO. 30 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	RADIAL SUPPORT KEY WELDS.
006560	ITEM NO. 31 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	RADIAL SUPPORT KEY LOCKING ARRANGEMENTS AND BEARING SURFACES.
006562	ITEM NO. 32 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	HEAD AND VESSEL ALIGNING PINS SCREW LOCKING DEVICES AND BEARING SURFACES.
006564	ITEM NO. 33 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	WESDYNE TGX-ISI-88	D	-	-	IRRADIATION SPECIMEN GUIDE SCREW LOCKING DEVICES AND DOWEL PINS.

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGO EM	OTH ER	REMARKS **CALIBRATION BLOCK**
	29-RC-1101-NSS - LOOP 1 (FIG NO A-RC-1)							
100720	1 SAFE END TO PIPE	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	29-RC-1201-NSS - LOOP 2 (FIG NO A-RC-2)							
100860	1 SAFE END TO PIPE	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	29-RC-1301-NSS - LOOP 3 (FIG NO A-RC-3)							
101000	1 SAFE END TO PIPE	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	29-RC-1401-NSS - LOOP 4 (FIG NO A-RC-4)							
101140	1 SAFE END TO PIPE	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	27.5-RC-1103-NSS - LOOP 1 (FIG NO A-RC-1)							
101330	7 ELBOW TO SAFE END	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	27.5-RC-1203-NSS - LOOP 2 (FIG NO A-RC-2)							
101470	5 ELBOW TO SAFE END	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	27.5-RC-1303-NSS - LOOP 3 (FIG NO A-RC-3)							
101620	6 ELBOW TO SAFE END	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	27.5-RC-1403-NSS - LOOP 4 (FIG NO A-RC-4)							
101760	6 ELBOW TO SAFE END	B-J B9.11	M-UT	WESDYNE TGX-ISI-254	C	-	-	MANDATORY ISI - TE. RR-ENG-22. **CSS-80/MU-44/CSCL-48**
	6-RC-1003-BB1 (FIG NO A-RC-13)							
103750	11 ELBOW TO PIPE	B-J B9.11	PT UT	ZA-0012 R2 UTI-001 R3	C -	- C	- -	MANDATORY ISI - HS-F. REMOVAL OF PIPE HANGER RESTRAINT REQUIRED. **SS-8**
	6-RC-1004-NSS (FIG NO A-RC-6)							
103950	7FB FLANGE BOLTING (N1RCPSV3452)	B-G-2 B7.50	VT-1	ZA-0024 R2	B	-	-	BASELINE PM98000518/WAN135432.
	6-RC-1009-NSS (FIG NO A-RC-6)							
104130	9FB FLANGE BOLTING (N1RCPSV3451)	B-G-2 B7.50	VT-1	ZA-0024 R2	B	-	-	BASELINE PM98000517/WAN135431.
	6-RC-1012-NSS (FIG NO A-RC-6)							
104330	11FB FLANGE BOLTING (N1RCPSV3450)	B-G-2 B7.50	VT-1	ZA-0024 R2	B	-	-	BASELINE PM98000516/WAN135430.

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR COOLANT PUMP 1A

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	PUMP CASING (FIG NO A-RCP-1)							
260141	RCP-101A-PC PUMP CASING	N-481 --	VT-2	0PSP15-RC-0001	C	-	-	VISUAL EXAMINATION FOR LEAKAGE DURING CATEGORY B-P PRESSURE TEST (BY SED).
	FLYWHEEL (FIG NO A-RCP-2)							
260170	RCP-101A-FW FLYWHEEL	RG 1.14	MT UT	ZA-0018 R2 UTI-003 R2	C C	- -	- -	10 YEAR RG 1.14 EXAMINATION: MT ON FLYWHEEL SURFACES AND UT OF BORE KEYWAY, BOLTHOLES, AND BASE METAL. FLYWHEEL ORIGINALLY FROM RCP-2D(2RE06). **CS-76**

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR COOLANT PUMP 1B

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	PUMP CASING (FIG NO A-RCP-1)							
260241	RCP-101B-PC PUMP CASING	N-481 --	VT-2	0PSP14-RC-0001	C	-	-	VISUAL EXAMINATION FOR LEAKAGE DURING CATEGORY B-P PRESSURE TEST (BY SED).

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 CBWD STATUS COMPONENTS

REACTOR COOLANT PUMP 1C

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	PUMP CASING (FIG NO A-RCP-1)							
260341	RCP-101C-PC PUMP CASING	N-481 --	VT-2	0PSP15-RC-0001	C	-	-	VISUAL EXAMINATION FOR LEAKAGE DURING CATEGORY B-P PRESSURE TEST (BY SED).
	PUMP CASING WELDS (FIG NO A-RCP-1)							
260342	RCP-101C-PCW PUMP CASING WELD	N-481 --	VT-1	ZA-0024 R2	C	-	-	VT-1 ON EXTERIOR OF THE PUMP CASING WELD PER ASME CODE CASE N-481.

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 CBWD STATUS COMPONENTS

REACTOR COOLANT PUMP 1D

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	PUMP CASING (FIG NO A-RCP-1)							
260441	RCP-101D-PC PUMP CASING	N-481 --	VT-2	0PSP15-RC-0001	C	-	-	VISUAL EXAMINATION FOR LEAKAGE DURING CATEGORY B-P PRESSURE TEST (BY SED).

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 CBWD STATUS COMPONENTS

VALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	NOG EO	NOT EH	REMARKS **CALIBRATION BLOCK**
	VALVE GROUP 1							
261100	PSV 3452-VB ON 6-RC-1004 FIG NO A-RC-6	B-G-2 B7.70	VT-1	ZA-0024 R2	B	-	-	BASELINE PM 98000518/WAN135432.
261150	PSV 3452-VIS ON 6-RC-1004 FIG NO A-RC-6	B-M-2 B12.50	VT-3	ZA-0024 R2	B	-	-	BASELINE PM 98000518/WAN135432.
261200	PSV 3451-VB ON 6-RC-1009 FIG NO A-RC-6	B-G-2 B7.70	VT-1	ZA-0024 R2	B	-	-	BASELINE PM 98000517/WAN135431.
261250	PSV 3451-VIS ON 6-RC-1009 FIG NO A-RC-6	B-M-2 B12.50	VT-3	ZA-0024 R2	B	-	-	BASELINE PM 98000517/WAN135431.
261300	PSV 3450-VB ON 6-RC-1012 FIG NO A-RC-6	B-G-2 B7.70	VT-1	ZA-0024 R2	B	-	-	BASELINE PM 98000515/WAN135430.
261350	PSV 3450-VIS ON 6-RC-1012 FIG NO A-RC-6	B-M-2 B12.50	VT-3	ZA-0024 R2	B	-	-	BASELINE PM 98000515/WAN135430.

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 CBWD STATUS COMPONENTS

CONTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	G M	OTHER	REMARKS **CALIBRATION BLOCK**
	PUMP 1A (FIG NO B-CSP-1)							
750133	CIAPCS-1A-PCW3 LOWER CASE TO BOTTOM HEAD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.
750140	CIAPCS-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	PT	ZA-0012 R2	C	-	-	EXAMINE ACCESSIBLE LENGTH DOWN TO FLOOR SEAL.
750145	CIAPCS-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 CBWD STATUS COMPONENTS

HIGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	PUMP 1A (FIG NO B-HHSIP-1)							
751033	SIAPHH-1A-PCW3 LOWER CASE TO BOTTOM HEAD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.
751040	SIAPHH-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	PT	ZA-0012 R2	C	-	-	EXAMINE ACCESSIBLE LENGTH DOWN TO FLOOR SEAL.
751045	SIAPHH-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.

LOW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	GEO M	OTH ER	REMARKS **CALIBRATION BLOCK**
	PUMP 1A (FIG NO B-LHSIP-1)							
751333	SIAPLH-1A-PCW3 LOWER CASE TO BOTTOM HEAD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.
751340	SIAPLH-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	PT	ZA-0012 R2	C	-	-	EXAMINE ACCESSIBLE LENGTH DOWN TO FLOOR SEAL.
751345	SIAPLH-1A-PCW5 LOWER CASE SEAM WELD	C-G C6.10	VT-1	ZA-0024 R2	C	-	-	VT-1 BOROSCOPIC EXAM OF WELD PER CR 98-10926. RR-ENG-24.

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

C Examination for Section XI Scheduling Credit

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 COMPLETED COMPONENTS

CHEMICAL&VOLUME CONTROL 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR EC	OG EM	OTH ER	REMARKS **CALIBRATION BLOCK**
	2-CV-1121-BB1-B1A1							
100600	CV-1121-HS5006	PIPING-1	VT-1	ZA-0023 R1	C	-	-	
	RR	-						
	2-CV-1141-BB1-A-A1							
101700	CV-1141-HS5003	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O E C	G E O M	O T H R	REMARKS **CALIBRATION BLOCK**
	12-RC-1125-BB1-B							
103700	RC-1125-HL5003	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	4-RC-1000-BB1-B							
106400	RC-1000-SH02	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	
	4-RC-1123-BB1-D							
107200	RC-1123-HL5005	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
107300	RC-1123-HL5006	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	2-RC-1121-BB1-A1-A1							
110600	RC-1121-HS5002	PIPING-1	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 1 COMPLETED COMPONENTS

RESIDUAL HEAT REMOVAL 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	8-RH-1208-BB1-A							
115000	RH-1208-HL5003 RR	PIPING-1 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 1 COMPLETED COMPONENTS

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	1R111NPZ101A							
117300	PRU2	EQUIP-1	VT-3	ZA-0023 R1	C	-	-	
	RC PRES UPPR	-						
117400	PRU3	EQUIP-1	VT-3	ZA-0023 R1	C	-	-	
	RC PRES UPPR	-						
117500	PRU4	EQUIP-1	VT-3	ZA-0023 R1	C	-	-	
	RC PRES UPPR	-						

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 COMPLETED COMPONENTS

AUXILIARY FEEDWATER 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS **CALIBRATION BLOCK**
	8-AF-1012-GA2-D							
205100	AF-1012-HL5004	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
205200	AF-1012-HL5005	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	8-AF-1012-GA2-J							
206400	AF-1012-HL5015	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 2 COMPLETED COMPONENTS

COMPONENT COOLING 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G M	O T H E R	REMARKS **CALIBRATION BLOCK**
	14-CC-1318-WA2-A							
210900	CC-1318-HL5002 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 COMPLETED COMPONENTS

CONTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	6-CS-1303-PB2-C							
216400	CS-1303-HL5004 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
216500	CS-1303-HL5005 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 COMPLETED COMPONENTS

FEED WATER 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E M	O T H E R	REMARKS **CALIBRATION BLOCK**
	18-FW-1016-GA2-C							
219000	FW-1016-HL5015 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 COMPLETED COMPONENTS

MAIN STEAM 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R	G E O	O T H E R	REMARKS **CALIBRATION BLOCK**
	30-MS-1003-GA2-C							
224900	MS-1003-HL5011	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 2 COMPLETED COMPONENTS

RESIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G E M	O T E R	REMARKS **CALIBRATION BLOCK**
	B-RH-1106-KB2-C							
232100	RH-1106-RR03 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	B-RH-1110-KB2-B							
232600	RH-1110-HL5004 ANCHOR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	B-RH-1110-KB2-C							
232700	RH-1110-HL5003 GUIDE	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	B-RH-1111-BB2-A							
232800	RH-1111-HL5001 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	B-RH-1204-KB2-F							
235200	RH-1204-RR10 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	B-RH-1205-KB2-B							
236000	RH-1205-SH10 SH-V (2)	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
		-	VT-4	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 2 COMPLETED COMPONENTS

RESIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	8-RH-1205-KB2-E							
236800	RH-1205-HL5009 GUIDE	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	

SAFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	24-SI-1101-UB2-D							
243400	SI-1101-HL5024	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	24-SI-1101-UB2-F							
243900	SI-1101-RR19	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	8-SI-1102-PB2-C							
253600	SI-1102-SH09	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	
	8-SI-1102-PB2-E							
253800	SI-1102-HL5001	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	8-SI-1105-KB2-B							
254100	SI-1105-HL5004	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	
	8-SI-1105-KB2-G							
255100	SI-1105-RR26	PIPING-2	VT-3	ZA-0023 R1	C	-	-	
	RR	-						

SAFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS **CALIBRATION BLOCK**
	8-SI-1105-KB2-J							
255400	SI-1105-HL5001 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	6-SI-1106-DB2-L							
264000	SI-1106-RR69 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	6-SI-1106-DB2-N							
264600	SI-1106-RR60 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	6-SI-1106-DB2-Q							
265800	SI-1106-RR76 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	6-SI-1106-DB2-R							
266100	SI-1106-SS53 RR	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	
	2-SI-1139-DB2-C-A							
277100	SI-1139-HF5004 GUIDE	PIPING-2 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 2 COMPLETED COMPONENTS

RESIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	2R161NPA101A							
282400	RHP1A RH PUMP SUPT	EQUIP-2 -	VT-3	ZA-0023 R1	C	-	-	

SAFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	2N121NPA102A							
283000	LH1A	EQUIP-2	VT-3	ZA-0023 R1	C	-	-	
	SI LH PUMP	-						

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

AUXILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS **CALIBRATION BLOCK**
	12-AF-1054-WA3-E							
300200	AF-1054-HL5003	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	SH-V (2)	-	VT-4	ZA-0023 R1	C	-	-	
	12-AF-1054-WA3-F							
300300	AF-1054-HL5005	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	GUIDE	-						
	12-AF-1054-WA3-G							
300400	AF-1054-HL5006	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	GUIDE	-						
	8-AF-1079-WB3-D							
303300	AF-1079-HL5003	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	GUIDE	-						
	1.5-AF-1053-GA3-EA03							
316900	AF-1053-HF5006	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	GUIDE	-						
	1.5-AF-1053-WA3-AA03							
317400	AF-1053-HF5001	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	U-BOLT	-						

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G E M	O T H E R	REMARKS **CALIBRATION BLOCK**
	20-CC-1103-WA3-B							
326000	CC-1103-HL5011	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	ANCHOR	-						
	20-CC-1109-WA3-E							
326800	CC-1109-RR09	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	GUIDE	-						
	20-CC-1109-WA3-J							
327500	CC-1109-SH01	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	SH-V (2)	-	VT-4	ZA-0023 R1	C	-	-	
	20-CC-1110-WA3-E							
327600	CC-1110-HL5004	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	16-CC-1105-WA3-K							
334300	CC-1105-SH01	PIPING-3	VT-3	ZA-0023 R1	C	-	-	COLD LOAD SETTING WAS FOUND OUT OF
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	TOLERANCE. ENF-99-531 AND CR 99-5790 WERE ISSUED BY NDE EXAMINER. CREE 99-5790-2 CONCLUDED THE SUPPORT WAS STILL OPERABLE. NO ADDITIONAL OR SUCCESSIVE EXAMS WERE REQUIRED. SPRING HANGER WAS RESET AND REEXAMINED WITH ACCEPTABLE RESULTS. SPRING HANGER IS
	16-CC-1106-WA3-C							
334500	CC-1106-HL5018	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OG EM	OTH ER	REMARKS **CALIBRATION BLOCK**
	16-CC-1106-WA3-G							
335200	CC-1106-HL5013	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	16-CC-1106-WA3-H							
335900	CC-1106-RR14	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	16-CC-1106-WA3-J							
336400	CC-1106-RR19	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	16-CC-1109-WA3-D							
336900	CC-1109-HL5003	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	14-CC-1111-WA3-C							
344300	CC-1111-SH02	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	RR	-						
	14-CC-1120-WA3-B							
345300	CC-1120-HL5003	PIPING-3	VT-3	ZA-0023 R1	C	-	-	
	SH-V	-	VT-4	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 3 COMPLETED COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O H E R	REMARKS **CALIBRATION BLOCK**
	14-CC-1120-WA3-C							
345500	CC-1120-RR04 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1114-WA3-C							
350600	CC-1114-RR29 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1114-WA3-E							
350900	CC-1114-GU19 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
351000	CC-1114-HL5004 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1114-WA3-J							
351900	CC-1114-RR10 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
352000	CC-1114-RR11 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1115-WA3-U							
355300	CC-1115-RR16 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	10-CC-1115-WA3-W							
355700	CC-1115-HL5002 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1116-WA3-C							
356500	CC-1116-HL5003 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	10-CC-1117-WA3-R							
359300	CC-1117-HL5004 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

ESSENTIAL COOLING WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGE OME	OTH ER	REMARKS **CALIBRATION BLOCK**
	30-EW-1105-WT3-CC1							
381100	EW-1105-HL5001 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
381200	EW-1105-HL5002 RR	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	6-EW-1107-WT3-A							
409100	EW-1107-HL5005 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
409400	EW-1107-HL5004 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	6-EW-1125-WT3-A1							
410100	EW-1125-HL5008 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	
	6-EW-1188-WT3-A							
411100	EW-1188-HL5008 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 3 COMPLETED COMPONENTS

CHEMICAL&VOLUME CONTROL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	3R171NPA104A							
418900	RCPP1	EQUIP-3	VT-3	ZA-0023 R1	C	-	-	
	CV PURF PUMP	-						

DIESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	3Q151MHT013S							
421100	JWH2A JW HEATER	EQUIP-3 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY

FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)

CLASS 3 COMPLETED COMPONENTS

DIESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	NOR CE	OGM -	OTH ER	REMARKS **CALIBRATION BLOCK**
	3Q151MSA0134							
424600	LU1A LU PIPE SUPT	EQUIP-3 -	VT-3	ZA-0023 R1	C	-	-	
425200	LU7A LU PIPE SUPT	EQUIP-3 -	VT-3	ZA-0023 R1	C	-	-	

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 1
INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

DIESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	3Q151MTF0137							
427000	DOST1A DO STG TANK	EQUIP-3 -	VT-3	ZA-0023 R1	C	-	-	

INSERVICE INSPECTION SUMMARY
FIRST INTERVAL, THIRD PERIOD, THIRD OUTAGE (99RF)
CLASS 3 COMPLETED COMPONENTS

ESSENTIAL COOLING WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	N O R C	G E O M	O T H E R	REMARKS **CALIBRATION BLOCK**
	3R28INSP101A							
429100	SCS1A	EQUIP-3	VT-3	ZA-0023 R1	C	-	-	
	EW STRN ASS	-						

APPENDIX C

ISI LIMITATIONS

APPENDIX C
ISI LIMITATIONS

Table of Contents

APPENDIX C
ISI LIMITATIONS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 1
SUMMARY OF INSERVICE INSPECTION LIMITATIONS

The following tables provide details on the limitations which were encountered during the ISI examinations at the South Texas Project Electric Generating Station, Unit 1 (STPEGS-1). Each table of this summary provides the following information as described:

Column 1 - Class/Category/Item No./Examination Requirement

Identifies the ASME Section XI Code Class, Category, Item Number, and Examination Requirement (volumetric or surface) for the specific examination area listed in Column 2. This information is derived from Tables IWB-2500-1 and IWC-2500-1 of the 1983 Edition of ASME Section XI (with Addenda through Summer 1983), and Tables 1 and 2 of Code Case N-408.

Column 2 - Line No./Subassembly
Weld Identification
Weld ID Figure
Weld Configuration
Examination Method

Provides information for each examination area by line number (piping) or subassembly number (vessel), unique weld identification number, weld ID figure reference, weld configuration (pipe-to-tee, head-to-shell, etc.), and examination method (UT, UT/PT, or UT/MT).

Column 3 - Exam Type

Lists the Methods of Examinations used for each area by specific angles for UT (0, 45, 45T, 60, 60T) and surface technique (MT or PT), if required.

Column 4 - % Coverage

The extent of coverage for each exam type is expressed in percentages based on the examination volume/area required in Section XI. Depending on method, the percentage coverage may be represented in more than one way.

Surface methods are the simplest and are expressed as a percentage of the required surface area receiving no coverage and the remaining balance from 100% as the total coverage.

Ultrasonic coverage may be first expressed for each exam type as a percentage of the volume receiving no coverage, angle-beam coverage in one direction, and angle-beam coverage in two directions. These percentages are then used to compute the effective coverage for that exam type. In the case of 0 degree, the effective coverage is equal to the balance of 100% minus the percentage receiving no coverage.

The effective coverage for angle beam is calculated from the following formula:

$$c = \frac{a + 2*b}{2}$$ (effective coverage formula, angle beam)

where a = one direction only percentage
b = two direction percentage
c = effective coverage as a percentage

Examples:

(1) none 1 dir 2 dir
0% 0% 100%

$$c = \frac{0 + 2*100}{2}$$ = 100% effective coverage

(2) none 1 dir 2 dir
0% 100% 0%

$$c = \frac{100 + 2*0}{2}$$ = 50% effective coverage

(3) none 1 dir 2 dir
50% 50% 0%

$$c = \frac{50 + 2*0}{2}$$ = 25% effective coverage

The total UT coverage is then expressed as the average of the effective coverage percentages for each UT exam type. As an alternative to the above method, coverage may be directly listed as the effective coverage. Each UT exam type is considered as equal weight in the calculation of the average.

Column 5 - Limitation

A description of the type of limitation and primary reason for why the coverage was limited is provided in this section.

ASME SECTION XI CODE COVERAGE/LIMITATIONS

1999 1RE08 ISI

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 1

ASME CATEGORY B-A

SYSTEM: REACTOR PRESSURE VESSEL

CLASS / CAT'Y / ITEM NO / EXM RQT / SUM NO	LINE NO / SUBASSEMBLY / WELD IDENTIFICATION / WELD ID FIGURE / WELD CONFIGURATION / EXAMINATION METHOD	EXAM TYPE	% COVERAGE					LIMITATION
			NONE	1 DIR ONLY	2 DIR	EFF. COV.	TOTAL	
1	CIRCUMFERENTIAL WELD	UT0	-	-	-	61		Limited UT due to proximity of Core Support Lugs. Calibration of 45 and 60 extended to full-vize for maximum coverage.
B-A	RPV1-101-141	UT45	33	-	67	67		
B1.11	A-RPV-1	UT45T	39	-	61	61		
VOL	Lower Shell to Bottom Head Torus	UT60	34		66	66		
000400	UT(Automated)	UT60T	39	-	61	61		
		UT70	40	-	60	60		
		UT70T	39	-	61	61		
							62	

APPENDIX D

NIS-1 FORMS
OWNER'S REPORT FOR INSERVICE INSPECTIONS

FORM NIS-1 OWNER'S REPORT INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Owner)

2. Plant South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Plant)

3. Plant Unit 1 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 08/25/88 6. National Board Number for Unit N.A.

7. Components Inspected **ASME Code Class 1 (IWB) Items - Welds Program**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Pressure Vessel	Combustion Engineering / Westinghouse (M)	11073	N. A.	22190
Reactor Coolant Pump 1A	Westinghouse (M)	1007-1163E26G01/R14	N. A.	W1869
Class 1 Piping	Ebasco (I)	N. A.	N. A.	N. A.
Class 1 Valves	Ebasco (I)	N. A.	N. A.	N. A.

* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

STPNOC by J.C.Younger Date 7/5/99 Arkwright Mutual by Insurance Co. B.R.Russell,ANII Date 7-13-99

FORM NIS-1 (Back)

8. Examination Dates 03/17/99 to 04/27/99 9. Inspection Interval from 08/25/88 to 09/24/00

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. **(ASME Code Class 1 (IWB) Items - Welds Program)**

    See Section Appendix A of the 1RE08 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 98%.

11. Abstract of Conditions Noted.

    None.

12. Abstract of Corrective Measures Recommended and Taken.

    None.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of ASME Code, Section XI.

Certificate of Authorization No.(if applicable) N.A. Expiration Date N.A.

Date 7/5 19 99 Signed South Texas Project Nuclear Operating Company By J.C. Younger
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Arkwright Mutual Insurance Co. of Waltham, Mass have inspected the components described in this Owner's Report during the period 03/17/99 to 04/27/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Commissions Tex 826

Inspector's Signature
B. R. Russell

National Board, State, Province, and Endorsements

Date 7-13- 19 99

FORM NIS-1 OWNER'S REPORT INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Owner)

2. Plant South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Plant)

3. Plant Unit 1 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 08/25/88 6. National Board Number for Unit N.A.

7. Components Inspected **ASME Code Class 2 (IWC) Items - Welds Program**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
High Head Safety Injection Pump 1A	Pacific Pumps (M)	51695	N. A.	382
Low Head Safety Injection Pump 1A	Pacific Pumps (M)	51701	N. A.	420
Containment Spray Pump 1A	Pacific Pumps (M)	51707	N.A.	441

* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

STPNOC by J. C. Younger Date 7/7/99 Arkwright Mutual Insurance Co. by B.R.Russell,ANII Date 7-13-99

FORM NIS-1 (Back)

8. Examination Dates 11/30/98 to 12/02/98 9. Inspection Interval from 08/25/88 to 09/24/00

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. **(ASME Code Class 2 (IWC) Items - Welds Program)**
See Appendix A of the 1RE08 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 96%.

11. Abstract of Conditions Noted.
None.

12. Abstract of Corrective Measures Recommended and Taken.
None.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of ASME Code, Section XI.

Certificate of Authorization No.(if applicable) N.A. Expiration Date N.A.

Date 7/5 19 99 Signed South Texas Project Nuclear Operating Company By J. C. Younger
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Arkwright Mutual Insurance Co. of Waltham, Mass have inspected the components described in this Owner's Report during the period 11/30/98 to 12/02/98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B. Russell Commissions Tex 826
Inspector's Signature National Board, State, Province, and Endorsements
B. R. Russell

Date 7-13- 1999

FORM NIS-1 OWNER'S REPORT INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Owner)

2. Plant South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Plant)

3. Plant Unit 1 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 08/25/88 6. National Board Number for Unit N.A.

7. Components Inspected **ASME Code Class 1 - Component Supports Program**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Pressurizer	Westinghouse (M)	2141	N.A.	W18590
Class 1 Piping Supports	Ebasco (I)	N.A.	N.A.	N.A.

* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

STPNOC by J. C. Younger Date 7/5/99 Arkwright Mutual by B.R.Russell, ANII Insurance Co. Date 7-13-99

FORM NIS-1 (Back)

8. Examination Dates 03/31/99 to 04/04/99 9. Inspection Interval from 08/25/88 to 09/24/00

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. **(ASME Code Class 1 Component Supports - Piping and Equipment)**
See Appendix B of 1RE08 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval is 100%.

11. Abstract of Conditions Noted.
None.

12. Abstract of Corrective Measures Recommended and Taken.
None.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of ASME Code, Section XI.

Certificate of Authorization No.(if applicable) N.A. Expiration Date N.A.

Date 7/5 19 99 Signed South Texas Project Nuclear Operating Company By J.C. Younger
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Arkwright Mutual Insurance Co. of Waltham, Mass have inspected the components described in this Owner's Report during the period 03/31/99 to 04/04/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B. Russell Commissions Tex 826
Inspector's Signature National Board, State, Province, and Endorsements
B. R. Russell

Date 7-13-1999

FORM NIS-1 OWNER'S REPORT INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Owner)

2. Plant South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Plant)

3. Plant Unit 1 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 08/25/88 6. National Board Number for Unit N.A.

7. Components Inspected **ASME Code Class 2 - Component Supports Program**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Residual Heat Removal Pump 1A	Pacific Pumps (M)	51731	N. A.	343
Low head Safety Injection Pump 1A	Pacific Pumps (M)	51701	N. A.	420
Class 2 Piping Supports	Ebasco (I)	N. A.	N. A.	N. A.

* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

STPNOC by J.C.Younger Date 7/5/99 Arkwright Mutual Insurance Co. by B.R.Russell,ANII Date 7-13-99

FORM NIS-1 (Back)

8. Examination Dates 11/25/98 to 04/12/99 9. Inspection Interval from 08/25/88 to 09/24/00

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. **(ASME Code Class 2 Component Supports - Piping and Equipment)**
See Appendix B of the 1RE08 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.

11. Abstract of Conditions Noted.
None.

12. Abstract of Corrective Measures Recommended and Taken.
None.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of ASME Code, Section XI.

Certificate of Authorization No.(if applicable) N.A. Expiration Date N.A.

Date 7/5 19 99 Signed South Texas Project Nuclear Operating Company By J C Younger
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Arkwright Mutual Insurance Co. of Waltham, Mass have inspected the components described in this Owner's Report during the period 11/25/98 to 04/12/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B Russell Commissions Tex 826
Inspector's Signature National Board, State, Province, and Endorsements
B. R. Russell

Date 7-13-1999

FORM NIS-1 OWNER'S REPORT INSERVICE INSPECTIONS
As required by the Provisions of the ASME Code Rules

1. Owner South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Owner)

2. Plant South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483
(Name and Address of Plant)

3. Plant Unit 1 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 08/25/88 6. National Board Number for Unit N.A.

7. Components Inspected **ASME Code Class 3 - Component Supports Program**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Reactor Coolant Purification Pump 1A	Goulds Pumps, Inc. (M)	N242B077	N. A.	366
Diesel Generator Auxiliary Skid #11	Cooper Energy Services (M)	8L0101	N. A.	N. A.
Diesel Fuel Oil Storage Tank #11	Brown - Minneapolis Tank (M)	1153-01A	N. A.	N. A.
Essential Cooling Water Self-Cleaning Strainer	Zurn Industries, Inc. (M)	7585	N. A.	N. A.
Class 3 Piping Supports	Ebasco (I)	N. A.	N. A.	N. A.

* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

STPNOC by J.C.Younger Date 7/9/99 Arkwright Mutual Insurance Co. by B.R.Russell,ANII Date 7-13-99

FORM NIS-1 (Back)

8. Examination Dates 01/13/99 to 04/14/99 9. Inspection Interval from 08/25/88 to 09/24/00

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. **(ASME Code Class 3 Component Supports - Piping and Equipment)**
See Appendix B of the 1RE08 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.

11. Abstract of Conditions Noted.
None.

12. Abstract of Corrective Measures Recommended and Taken.
None.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of ASME Code, Section XI.

Certificate of Authorization No.(if applicable) N.A. Expiration Date N.A.

Date 7/5 19 99 Signed South Texas Project Nuclear Operating Company By J. C. Younger
Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Arkwright Mutual Insurance Co. of Waltham, Mass have inspected the components described in this Owner's Report during the period 01/13/99 to 04/14/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B. R. Russell Commissions Tex 826
Inspector's Signature National Board, State, Province, and Endorsements
B. R. Russell

Date 7-13- 19 99