Nuclear Operating Company
South Texas Project Electric Generating Station P.O. Box 289 Wadsworth, Texas 77483

July 22, 2004
NOC-AE-04001763
STI: 31770119
File No.: G25, T07.03
10CFR50.55a

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

South Texas Project
Unit 2
Docket No. STN 50-499
Inservice Inspection Summary Report for
Welds and Component Supports – 2RE10

Enclosed are four copies of the South Texas Project Unit 2 inservice inspection summary report describing examinations of welds and component supports performed prior to and during the tenth refueling outage (2RE10) completed in April, 2004. This summary report satisfies the reporting requirements of ASME Section XI, Article IWA-6000, for welds and component supports.

There are no commitments in the attached report.

If there are any questions, please contact either Philip Walker at (361) 972-8392 or me at (361) 972-7030.

Michael J. Berg
Manager,
Testing/Programs Engineering

A047

PLW

Enclosure: 2RE10 Inservice Inspection Summary Report for Welds and Component Supports of the South Texas Project Electric Generating Station - Unit 2

cc:
(paper copy)

*Bruce S. Mallett
Regional Administrator, Region IV
U. S. Nuclear Regulatory Commission
611 Ryan Plaza Drive, Suite 400
Arlington, Texas 76011-8064

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
One White Flint North
11555 Rockville Pike
Rockville, MD 20852

*Richard A. Ratliff
Bureau of Radiation Control
Texas Department of Health
1100 West 49th Street
Austin, TX 78756-3189

*Jeffrey Cruz
U. S. Nuclear Regulatory Commission
P. O. Box 289, Mail Code: MN116
Wadsworth, TX 77483

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

(electronic copy)

*A. H. Gutterman, Esquire
Morgan, Lewis & Bockius LLP

*L. D. Blaylock
City Public Service

*David H. Jaffe
U. S. Nuclear Regulatory Commission

*R. L. Balcom
Texas Genco, LP

*A. Ramirez
City of Austin

*C. A. Johnson
AEP Texas Central Company

*Jon C. Wood
Matthews & Branscomb

* One copy of the attachment is provided.

SOUTH TEXAS PROJECT
ELECTRIC GENERATING
STATION

2RE10 INSERVICE INSPECTION SUMMARY REPORT for the WELDS and COMPONENT SUPPORTS PROGRAMS

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION - UNIT 2

P.O. Box 289

Wadsworth, Texas 77483

Operator:	STP Nuclear Operating Company
Address:	P.O. Box 289 Wadsworth, TX 77483
Commercial Operation:	JUNE 19, 1989
Issue Date:	JULY 2004

2RE10 INSERVICE INSPECTION SUMMARY REPORT
FOR
WELDS AND COMPONENT SUPPORTS
of the
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION
UNIT NO. 2

USNRC DOCKET NO.: 50-499

OPERATING LICENSE NO.: NPF-80

COMMERCIAL OPERATION DATE: June 19, 1989

Prepared by: _____ 8 JULY 2004

J. C. Younger — Date
Consulting Engineer – Test Engineering Section

Reviewed by: _____ 7/13/04

J. E. Stauber — Date
Consulting Engineer – Test Engineering Section

Approved by: _____ 7/14/03

B. L. Jenewein — Date
Supervisor – Test Engineering Section

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

TABLE OF CONTENTS

		Page
1.0	**INTRODUCTION**	1
1.1	**Scope of Summary Report**	1
2.0	**WELDS**	2
2.1	**Scope of Examinations**	2
2.2	**Summary of Examinations**	2
2.2.1	Examination Results and Corrective Actions	3
2.2.2	Additional and Successive Examinations	3
2.3	**Certification of Inspections**	4
3.0	**COMPONENT SUPPORTS**	5
3.1	**Scope of Examinations**	5
3.2	**Summary of Examinations**	5
3.2.1	Examination Results and Corrective Actions	5
3.2.2	Additional and Successive Examinations	5
3.3	**Certification of Inspections**	5

APPENDIX A Welds Listing

APPENDIX B Component Supports Listing

APPENDIX C ISI Limitations

APPENDIX D NIS-1 Forms: Owner's Report for Inservice Inspection

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (**STPEGS-2**) Inservice Inspection (**ISI**) program was developed and is being implemented in accordance with 10CFR50.55a, the 1989 Edition of American Society of Mechanical Engineers (ASME) Section XI Code, and other regulatory and Code bases as specified in the following documents:

1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (**Ten Year ISI Plan**).

2) **Examination Plan** for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the ASME Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The second ten year inspection interval of STPEGS-2 began October 19, 2000. The ISI summarized herein is for second inspection period of STPEGS-2. The second inspection period began October 19, 2003 and extends to October 18, 2007.

This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports. This Summary Report describes STP Nuclear Operating Company's (**STPNOC**) ISI of selected Class 1, 2, and 3 components of the STPEGS-2 performed prior to and during the tenth refueling outage (**2RE10**).

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (**WELDS**) and Class 1, 2, and 3 component supports (**COMPONENT SUPPORTS**). 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**).

2.0 WELDS

2.1 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 Examination Plan.

2.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1 and Class 2 components for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Tables IWB-2412-1 and IWC-2412-1. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWB)	**43 %**
Class 2 (IWC)	**39 %**

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the **Ten Year ISI Plan.** 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 prior to and during 2RE10 for components with less than 90% coverage.

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. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

Leakage at Reactor Coolant Pump 2C Seal Housing resulted in degradation of the seal housing bolting, RCP-2C-SHB. This bolting was replaced and a baseline visual examination (VT-1) was performed. Reference Summary No. 260330. This item was not a scheduled Section XI examination for 2RE10 and no additional examinations were required. However, no leakage was observed on any of the three remaining RCP Seal Housing locations.

2.2.2 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 prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 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.

2.3 Certification of Inspections

ASME Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 weld ISI examinations described in this section of the Summary Report. The STPEGS-2 weld ISI examinations have been certified by our ANII, ABS Group Inc, on the NIS-1 forms included in **Appendix D**.

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports 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 component supports and other pertinent information is contained in **Appendix B**.

3.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1, 2 and Class 3 Component Supports for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Table 2410-2 of ASME Code Case N-491-2. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWF)	**55%**
Class 2 (IWF)	**51%**
Class 3 (IWF)	**37%**

3.2.1 Examination Results and Corrective Actions

The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

3.2.2 Additional and Successive Examinations

The results of the visual examinations of component supports performed during 2RE10 did not require that any additional examinations (IWB/IWC-2430) be performed or any successive examinations (IWB/IWC-2420) be scheduled.

3.3 Certification of Inspections

Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 component support ISI examinations described in this section of the Summary Report. The STPEGS-2 component support ISI examinations have been certified by our ANII, ABS Group Inc, 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
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

.ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1)							
010100	PRZ-2-C1 UPPER HEAD TO SHELL A	B-B B2.11	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-3. Examined 100% of weld length. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* *5-CS-54-STP*
	LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1)							
010300	PRZ-2-L1 SHELL A LONGITUDINAL SEAM WELD	B-B B2.12	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-10. Examine 1 ft of weld adjacent to the circumferential weld C1. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* * 5-CS-54-STP*
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (REF. DWG. NO. A-PRZ-1)							
010900	PRZ-2-N4B SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 79% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
011000	PRZ-2-N4C SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEO M	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
	MANWAY BOLTING (REF. DWG. NO. A-PRZ-1)							
012301	PRZ-2-BOLTING	B-G-2 B7.20	VT-1	ZA0024	C	-	-	03/09/04 - Examined all manway bolting (1-16). ** ** ** ** **
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012420	PZR-2-2A,2B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **
012520	3 SIESMIC LUG	B-H B8.20	PT	ZA0012	-	-	C	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** ** ** **
012530	4 SIESMIC LUG	B-H B8.20	PT	ZA0012	C	-	-	04/11/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. ** ** ** ** **

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)							
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	31-RC-2302-NSS - LOOP 3 (REF. DWG. NO. A-RC-3)							
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102260	4 PIPE TO ELBOW	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102300	8 PIPE TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102340	12 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102350	13 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM MRTHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							
103070	2 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
103080	3 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	8-RC-2214-BB1 (REF. DWG. NO. A-RC-12)							
103360	3 ELBOW TO PIPE	R-A-1 1R1.11.1 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160-.906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF. DWG. NO. A-RC-13)							
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC* ** **
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
103950	7FB FLANGE BOLTING (N2RCPSV3452)	B-G-2 B7.50	VT-1	ZA0024	C	-	-	03/07/04 - THIS IS A SCHEDULED SECTION XI EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222179) ** ** ** ** **
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104130	9FB FLANGE BOLTING (N2RCPSV3451)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222178) ** ** ** ** **
	6-RC-2012-NSS (REF. DWG. NO. A-RC-6)							
104215	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177) ** ** ** ** **
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							
104415	PRZ-2-N4A-SE PRESSURIZER RELIEF NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-SI-2315-BB1 (REF. DWG. NO. A-SI-2)							
230700	9 PIPE TO VALVE	R-A-1 1R2.11.5 MEDIUM	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT PUMP 2C

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB SEAL HOUSING BOLTS	B-G-2 B7.60	VT-1	ZA0024	B	-	-	04/09/04 - Perform baseline VT-1 examination of replacement bolting. WO 440931 / WAN 272050. This was not a scheduled ISI examination for 2RE10. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261100	PSV 3452-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222179) ** ** ** ** **
261120	PSV 3452-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222179) ** ** ** ** **
261160	PSV 3451-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222178) ** ** ** ** **
261180	PSV 3451-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222177) ** ** ** ** **
261220	PSV 3450-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** ** ** **

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)							
551870	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2002-GA2 (REF. DWG. NO. B-MS-3, 4)							
554245	30PL1-30PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2003-GA2 (REF. DWG. NO. B-MS-5, 6)							
556630	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 2 CABZ STATUS COMPONENTS

AIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							
558925	28PL1-28PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)							
705810	14PL1-14PL8	C-C	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20						**
								**
								**
								**
								**

JNTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-CSP-1)							
750120	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
750125	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
J135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.IGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-HHSIP-1)							
751035	SIPHH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-LHSIP-1)							
751320	SIAPLH-2A-PCW1	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	FLANGE TO UPPER CASE	C6.10						**
								**
								**
								**
								**
751335	SIAPLH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

B	Baseline Examination
C	Examination for Section XI Scheduling Credit
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (REF. DWG. NO.)							
108000	RC-2123-SH08 SH-V	F-A F1.10B	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled. ** ** ** ** **
	4-RC-2123-BB1-H (REF. DWG. NO.)							
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	C	-	-	 ** ** ** ** **
	1R122NSG201C (REF. DWG. NO.)							
118450	RSGC1C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Support is nearest RCP2C column support. ** ** ** ** **
118550	RSGC2C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 1C. ** ** ** ** **

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** ** **
118850	RSGL1C RC REPL. S/G LOWER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Lower lateral support. ** ** ** ** **
118950	RSGU1C RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** ** ** **
	1R132NPP201B (REF. DWG. NO.)							

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF. DWG. NO.)							
120200	RPC1B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** ** **
	1R132NPP101B (REF. DWG. NO.)							
120300	RPC2B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120400	RPC3B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 2B. ** ** ** ** **
120500	RPR1B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP101B (REF. DWG. NO.)							
120600	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120700	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle. ** ** ** ** **

NTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (REF. DWG. NO.)							
214400	CS-2302-HL5002	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214500	CS-2302-HL5003	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	8-CS-2302-PB2-D (REF. DWG. NO.)							
214700	CS-2302-RH04	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214800	CS-2302-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-CS-2303-PB2-C (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

ONTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (REF. DWG. NO.)							
217300	CS-2303-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.SIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-RH-2205-KB2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-A (REF. DWG. NO.)							
243900	SI-2101-HL5026	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-B (REF. DWG. NO.)							
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244400	SI-2101-HL5024	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244500	SI-2101-HL5025	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-E (REF. DWG. NO.)							
244600	SI-2101-HL5019	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-AE (REF. DWG. NO.)							
245600	SI-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-P (REF. DWG. NO.)							

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2101-UB2-P (REF. DWG. NO.)							
246100	SI-2101-HL5005	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	12-SI-2101-UB2-AB (REF. DWG. NO.)							
249600	SI-2101-HL5013	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
249700	SI-2101-RR26	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	10-SI-2101-UB2-Y (REF. DWG. NO.)							
253300	SI-2101-RR23	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-SI-2106-DB2-B (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (REF. DWG. NO.)							
263300	SI-2106-RR12	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263400	SI-2106-SH10	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	6-SI-2106-DB2-C (REF. DWG. NO.)							
263700	SI-2106-RH08	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263800	SI-2106-RR09	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							
278300	SI-2139-HF5001	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-C-A1 (REF. DWG. NO.)							
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-D-A1 (REF. DWG. NO.)							
278700	SI-2139-HF5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
278800	SI-2139-HF5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (REF. DWG. NO.)							
303500	AF-2079-HL5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-G (REF. DWG. NO.)							
305700	AF-2079-HL5004	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-H (REF. DWG. NO.)							
305800	AF-2079-HL5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
305900	AF-2079-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2101-WA3-C (REF. DWG. NO.)							
319900	CC-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-B (REF. DWG. NO.)							
320500	CC-2102-HL5001	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-C (REF. DWG. NO.)							
320700	CC-2102-GU04	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-E (REF. DWG. NO.)							
320900	CC-2102-GU02	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-F (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2102-WA3-F (REF. DWG. NO.)							
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

,XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3S142MPA03 (REF. DWG. NO.)							
427100	AFM1C AF MTR PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF. DWG. NO.)							
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at middle. ** ** ** ** **
	3R202NPA201A (REF. DWG. NO.)							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW Pump 2A. Single base support. ** ** ** ** **

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** ** **
430700	JWH2A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is farthest from JW circ pump. ** ** ** ** **
	3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** ** **
431300	JHX2A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
432100	JW1A JW PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Pipe Support 2A. Support is downstream from JW Standby Pump discharge. ** ** ** ** **
432200	JWS1A JW STND PIPE	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Standpipe 2A. Single base support. ** ** ** ** **

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136 (REF. DWG. NO.)							
433300	LHX1A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MPU0134 (REF. DWG. NO.)							
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							
434200	LU1A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil HX inlet. ** ** ** ** **

_ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
434300	LU2A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is downstream of Lube Oil strainers, adjacent to engine(DG21). ** ** ** ** **
434400	LU3A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil strainers, closest to Lube Oil circ pump. ** ** ** ** **
434900	LUF1A LU FILTER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Filter 2A. Single base support.. ** ** ** ** **

.ESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (REF. DWG. NO.)							
436600	DOST1A DO STG TANK	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** ** ** **

APPENDIX C

ISI LIMITATIONS

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
R-A-1	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
C-C	C3.20	2	30-MS-2001-GA2 29PL1-29PL8 551870	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2002-GA2 30PL1-30PL8 554245	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2003-GA2 29PL1-29PL8 556630	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2004-GA2 28PL1-28PL8 558925	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10

APPENDIX D

NIS-1 FORMS
OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant Pump 2C	Westinghouse (M)	2-115E580G02	N.A.	47
Pressurizer Safety Valve PSV3450	Crosby(M)	N60491-00-0003	N.A.	622
Pressurizer Safety Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety Valve PSV3452	Crosby(M)	N60491-00-0007	N.A.	1124

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

STPNOC by J C Younger Date 6/30/04 ABS Group by R. A. Niemann Date 7/30/04
J. C. Younger Insurance Co. R. A. Niemann, ANII

FORM NIS-1 (Back)

8. Examination Dates 3/09/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 (IWB) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 43%.

14. Abstract of Results of Examinations and Tests.
See *Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.

15. Abstract of Corrective Measures.
See *Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.

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 8 JUL 20 04 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/09/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 2 (IWC) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
High Head Safety Injection Pump 2A	Pacific Pumps (M)	51698	N.A.	400
Low Head Safety Injection Pump 2A	Pacific Pumps (M)	51704	N.A.	460
Containment Spray Pump 2A	Pacific Pumps (M)	51710	N.A.	454

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

STPNOC by J C Y Date 8/12/04 ABS Group by Date 7/20/04
J. C. Younger Insurance Co. R. A. Niemann, ANII

FORM NIS-1 (Back)

8. Examination Dates 4/02/04 to 4/13/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 (IWC) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 39%.

14. Abstract of Results of Examinations and Tests.
See ***Section 2.2.1 Examination Results and Corrective Actions*** **of 2RE10 Summary Report.**

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/02/04 to 04/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
(Replacement) Steam Generator 2C	Westinghouse (M)	THXE-40344/3FM2	N.A.	80
Reactor Coolant Pump 2B	Westinghouse (M)	1081-1163E26G01-14	N.A.	47

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

STPNOC by J. C. Younger Date 8/26/2004 ABS Group by R. A. Niemann Date 7/20/04
J. C. Younger Insurance Co. R. A. Niemann,ANII

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/04/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 55%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston. TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/04/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.

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

STPNOC by J. C. Younger Date 8 JUL 2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 51%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 Jul 2004 Signed STP 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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 3 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C (3S142MPA03)	Bingham-Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A (3R202NHX201A)	Struthers-Wells Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A (3R202NPA201A)	Hayward Tyler Corp (M)	804101	N.A.	7
DG JW Heater 2A (3Q152MHT0134)	E. L. Weigand (M)	9B1501	N.A.	1510
DG JW Ht Exch 2A (3Q152MHX0134)	American Standard (M)	77A20006-01-2	N.A.	N.A.
Jckt Water Pipe Spt 2A (3Q152MSA0134)	Ebasco (I)	N.A.	N.A.	N.A.
JW Stand Pipe 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil HX 2A (3Q152MHX0136)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Circ Pump 2A (3Q152MPU0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Pipe Spport 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Filter 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Diesel Oil Stor Tk 2A (3Q152MTF0137)	Ebasco	N.A.	N.A.	N.A.

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

STPNOC by J. C. Younger Date 8 Jul 2004 ABS Group Insurance Co. by R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/31/04 to 4/11/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 3 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 3 examinations is 37%. This completes examinations for the First Period of the Second Interval.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/31/04 to 04/11/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

SOUTH TEXAS PROJECT
ELECTRIC GENERATING
STATION

2RE10 INSERVICE INSPECTION SUMMARY REPORT for the WELDS and COMPONENT SUPPORTS PROGRAMS

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION - UNIT 2

P.O. Box 289

Wadsworth, Texas 77483

Operator:	STP Nuclear Operating Company
Address:	P.O. Box 289 Wadsworth, TX 77483
Commercial Operation:	JUNE 19, 1989
Issue Date:	JULY 2004

2RE10 INSERVICE INSPECTION SUMMARY REPORT

FOR

WELDS AND COMPONENT SUPPORTS

of the

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

UNIT NO. 2

USNRC DOCKET NO.: 50-499

OPERATING LICENSE NO.: NPF-80

COMMERCIAL OPERATION DATE: June 19, 1989

Prepared by: _____ 8 JULY 2004

J. C. Younger — Date
Consulting Engineer – Test Engineering Section

Reviewed by: _____ 7/13/04

J. E. Stauber — Date
Consulting Engineer – Test Engineering Section

Approved by: _____ 7/14/03

B. L. Jenewein — Date
Supervisor – Test Engineering Section

ANI OK 7/10/04

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

TABLE OF CONTENTS

		Page
1.0	**INTRODUCTION**	1
1.1	**Scope of Summary Report**	1
2.0	**WELDS**	2
2.1	**Scope of Examinations**	2
2.2	**Summary of Examinations**	2
2.2.1	Examination Results and Corrective Actions	3
2.2.2	Additional and Successive Examinations	3
2.3	**Certification of Inspections**	4
3.0	**COMPONENT SUPPORTS**	5
3.1	**Scope of Examinations**	5
3.2	**Summary of Examinations**	5
3.2.1	Examination Results and Corrective Actions	5
3.2.2	Additional and Successive Examinations	5
3.3	**Certification of Inspections**	5

APPENDIX A Welds Listing

APPENDIX B Component Supports Listing

APPENDIX C ISI Limitations

APPENDIX D NIS-1 Forms: Owner's Report for Inservice Inspection

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (**STPEGS-2**) Inservice Inspection (**ISI**) program was developed and is being implemented in accordance with 10CFR50.55a, the 1989 Edition of American Society of Mechanical Engineers (**ASME**) Section XI Code, and other regulatory and Code bases as specified in the following documents:

1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (**Ten Year ISI Plan**).

2) **Examination Plan** for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the ASME Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The second ten year inspection interval of STPEGS-2 began October 19, 2000. The ISI summarized herein is for second inspection period of STPEGS-2. The second inspection period began October 19, 2003 and extends to October 18, 2007.

This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports. This Summary Report describes STP Nuclear Operating Company's (**STPNOC**) ISI of selected Class 1, 2, and 3 components of the STPEGS-2 performed prior to and during the tenth refueling outage (**2RE10**).

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (**WELDS**) and Class 1, 2, and 3 component supports (**COMPONENT SUPPORTS**). 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**).

2.0 WELDS

2.1 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 Examination Plan.

2.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1 and Class 2 components for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Tables IWB-2412-1 and IWC-2412-1. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWB)	**43 %**
Class 2 (IWC)	**39 %**

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the **Ten Year ISI Plan.** 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 prior to and during 2RE10 for components with less than 90% coverage.

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. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

Leakage at Reactor Coolant Pump 2C Seal Housing resulted in degradation of the seal housing bolting, RCP-2C-SHB. This bolting was replaced and a baseline visual examination (VT-1) was performed. Reference Summary No. 260330. This item was not a scheduled Section XI examination for 2RE10 and no additional examinations were required. However, no leakage was observed on any of the three remaining RCP Seal Housing locations.

2.2.2 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 prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 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.

2.3 Certification of Inspections

ASME Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 weld ISI examinations described in this section of the Summary Report. The STPEGS-2 weld ISI examinations have been certified by our ANII, ABS Group Inc, on the NIS-1 forms included in **Appendix D**.

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports 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 component supports and other pertinent information is contained in **Appendix B.**

3.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1, 2 and Class 3 Component Supports for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Table 2410-2 of ASME Code Case N-491-2. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWF)	**55%**
Class 2 (IWF)	**51%**
Class 3 (IWF)	**37%**

3.2.1 Examination Results and Corrective Actions

The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

3.2.2 Additional and Successive Examinations

The results of the visual examinations of component supports performed during 2RE10 did not require that any additional examinations (IWB/IWC-2430) be performed or any successive examinations (IWB/IWC-2420) be scheduled.

3.3 Certification of Inspections

Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 component support ISI examinations described in this section of the Summary Report. The STPEGS-2 component support ISI examinations have been certified by our ANII, ABS Group Inc, 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
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

.ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1)							
010100	PRZ-2-C1 UPPER HEAD TO SHELL A	B-B B2.11	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-3. Examined 100% of weld length. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* *5-CS-54-STP*
	LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1)							
010300	PRZ-2-L1 SHELL A LONGITUDINAL SEAM WELD	B-B B2.12	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-10. Examine 1 ft of weld adjacent to the circumferential weld C1. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* * 5-CS-54-STP*
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (REF. DWG. NO. A-PRZ-1)							
010900	PRZ-2-N4B SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 79% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
011000	PRZ-2-N4C SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
	MANWAY BOLTING (REF. DWG. NO. A-PRZ-1)							
012301	PRZ-2-BOLTING	B-G-2 B7.20	VT-1	ZA0024	C	-	-	03/09/04 - Examined all manway bolting (1-16). ** ** ** ** **
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012420	PZR-2-2A,2B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **
012520	3 SIESMIC LUG	B-H B8.20	PT	ZA0012	-	-	C	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** ** ** **
012530	4 SIESMIC LUG	B-H B8.20	PT	ZA0012	C	-	-	04/11/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. ** ** ** ** **

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)							
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	31-RC-2302-NSS - LOOP 3 (REF. DWG. NO. A-RC-3)							
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102260	4 PIPE TO ELBOW	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102300	8 PIPE TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102340	12 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102350	13 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							
103070	2 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
103080	3 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	8-RC-2214-BB1 (REF. DWG. NO. A-RC-12)							
103360	3 ELBOW TO PIPE	R-A-1 1R1.11.1 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160-.906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF. DWG. NO. A-RC-13)							
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC* ** **
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
103950	7FB FLANGE BOLTING (N2RCPSV3452)	B-G-2 B7.50	VT-1	ZA0024	C	-	-	03/07/04 - THIS IS A SCHEDULED SECTION XI EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222179) ** ** ** ** **
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104130	9FB FLANGE BOLTING (N2RCPSV3451)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222178) ** ** ** ** **
	6-RC-2012-NSS (REF. DWG. NO. A-RC-6)							
104215	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177) ** ** ** ** **
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							
104415	PRZ-2-N4A-SE PRESSURIZER RELIEF NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-SI-2315-BB1 (REF. DWG. NO. A-SI-2)							
230700	9 PIPE TO VALVE	R-A-1 1R2.11.5 MEDIUM	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT PUMP 2C

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB SEAL HOUSING BOLTS	B-G-2 B7.60	VT-1	ZA0024	B	-	-	04/09/04 - Perform baseline VT-1 examination of replacement bolting. WO 440931 / WAN 272050. This was not a scheduled ISI examination for 2RE10. ** ** ** ** **

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261100	PSV 3452-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222179) ** ** ** ** **
261120	PSV 3452-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222179) ** ** ** ** **
261160	PSV 3451-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222178) ** ** ** ** **
261180	PSV 3451-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261200	PSV 3450-VE ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222177) ** ** ** ** **
261220	PSV 3450-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** ** ** **

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)							
551870	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2002-GA2 (REF. DWG. NO. B-MS-3, 4)							
554245	30PL1-30PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2003-GA2 (REF. DWG. NO. B-MS-5, 6)							
556630	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							
558925	28PL1-28PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)							
705810	14PL1-14PL8	C-C	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

JNTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-CSP-1)							
750120	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
750125	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
J135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

.IGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-HHSIP-1)							
751035	SIPHH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-LHSIP-1)							
751320	SIAPLH-2A-PCW1	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	FLANGE TO UPPER CASE	C6.10						**
								**
								**
								**
								**
751335	SIAPLH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

B	Baseline Examination
C	Examination for Section XI Scheduling Credit
A	Augmented Examination Complete
Z	Optional Examination Complete

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (REF. DWG. NO.)							
108000	RC-2123-SH08 SH-V	F-A F1.10B	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled. ** ** ** ** **
	4-RC-2123-BB1-H (REF. DWG. NO.)							
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	C	-	-	 ** ** ** ** **
	1R122NSG201C (REF. DWG. NO.)							
118450	RSGC1C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Support is nearest RCP2C column support. ** ** ** ** **
118550	RSGC2C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 1C. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** ** **
118850	RSGL1C RC REPL. S/G LOWER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Lower lateral support. ** ** ** ** **
118950	RSGU1C RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** ** ** **
	1R132NPP201B (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF. DWG. NO.)							
120200	RPC1B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** ** **
	1R132NPP101B (REF. DWG. NO.)							
120300	RPC2B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120400	RPC3B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 2B. ** ** ** ** **
120500	RPR1B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP101B (REF. DWG. NO.)							
120600	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120700	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

NTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (REF. DWG. NO.)							
214400	CS-2302-HL5002	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214500	CS-2302-HL5003	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	8-CS-2302-PB2-D (REF. DWG. NO.)							
214700	CS-2302-RH04	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214800	CS-2302-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-CS-2303-PB2-C (REF. DWG. NO.)							

ANTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (REF. DWG. NO.)							
217300	CS-2303-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.SIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-RH-2205-KB2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-A (REF. DWG. NO.)							
243900	SI-2101-HL5026	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-B (REF. DWG. NO.)							
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244400	SI-2101-HL5024	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244500	SI-2101-HL5025	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-E (REF. DWG. NO.)							
244600	SI-2101-HL5019	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-AE (REF. DWG. NO.)							
245600	SI-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-P (REF. DWG. NO.)							

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2101-UB2-P (REF. DWG. NO.)							
246100	SI-2101-HL5005	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	12-SI-2101-UB2-AB (REF. DWG. NO.)							
249600	SI-2101-HL5013	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
249700	SI-2101-RR26	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	10-SI-2101-UB2-Y (REF. DWG. NO.)							
253300	SI-2101-RR23	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-SI-2106-DB2-B (REF. DWG. NO.)							

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (REF. DWG. NO.)							
263300	SI-2106-RR12	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263400	SI-2106-SH10	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	6-SI-2106-DB2-C (REF. DWG. NO.)							
263700	SI-2106-RH08	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263800	SI-2106-RR09	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							
278300	SI-2139-HF5001	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						** ** ** ** **
	2-SI-2139-DB2-C-A1 (REF. DWG. NO.)							
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						** ** ** ** **
	2-SI-2139-DB2-D-A1 (REF. DWG. NO.)							
278700	SI-2139-HF5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						** ** ** ** **
278800	SI-2139-HF5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						** ** ** ** **

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (REF. DWG. NO.)							
303500	AF-2079-HL5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-G (REF. DWG. NO.)							
305700	AF-2079-HL5004	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-H (REF. DWG. NO.)							
305800	AF-2079-HL5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
305900	AF-2079-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2101-WA3-C (REF. DWG. NO.)							
319900	CC-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-B (REF. DWG. NO.)							
320500	CC-2102-HL5001	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-C (REF. DWG. NO.)							
320700	CC-2102-GU04	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-E (REF. DWG. NO.)							
320900	CC-2102-GU02	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-F (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2102-WA3-F (REF. DWG. NO.)							
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3S142MPA03 (REF. DWG. NO.)							
427100	AFM1C AF MTR PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support. ** ** ** ** **

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF. DWG. NO.)							
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at middle. ** ** ** ** **
	3R202NPA201A (REF. DWG. NO.)							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW Pump 2A. Single base support. ** ** ** ** **

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** ** **
430700	JWH2A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is farthest from JW circ pump. ** ** ** ** **
	3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** ** **
431300	JHX2A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
432100	JW1A JW PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Pipe Support 2A. Support is downstream from JW Standby Pump discharge. ** ** ** ** **
432200	JWS1A JW STND PIPE	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Standpipe 2A. Single base support. ** ** ** ** **

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136 (REF. DWG. NO.)							
433300	LHX1A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MPU0134 (REF. DWG. NO.)							
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							
434200	LU1A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil HX inlet. ** ** ** ** **

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
434300	LU2A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is downstream of Lube Oil strainers, adjacent to engine(DG21). ** ** ** ** **
434400	LU3A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil strainers, closest to Lube Oil circ pump. ** ** ** ** **
434900	LUF1A LU FILTER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Filter 2A. Single base support.. ** ** ** ** **

.ESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (REF. DWG. NO.)							
436600	DOST1A DO STG TANK	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** ** ** **

APPENDIX C

ISI LIMITATIONS

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
R-A-1	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10

ISI LIMITATIONS

2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
C-C	C3.20	2	30-MS-2001-GA2 29PL1-29PL8 551870	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2002-GA2 30PL1-30PL8 554245	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2003-GA2 29PL1-29PL8 556630	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2004-GA2 28PL1-28PL8 558925	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10

APPENDIX D

NIS-1 FORMS
OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 1 (IWB) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant Pump 2C	Westinghouse (M)	2-115E580G02	N.A.	47
Pressurizer Safety Valve PSV3450	Crosby(M)	N60491-00-0003	N.A.	622
Pressurizer Safety Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety Valve PSV3452	Crosby(M)	N60491-00-0007	N.A.	1124

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

STPNOC by J. C. Younger Date 6/30/2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/30/04

FORM NIS-1 (Back)

8. Examination Dates 3/09/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 (IWB) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 43%.

14. Abstract of Results of Examinations and Tests.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

15. Abstract of Corrective Measures.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

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 8 JUL 20 04 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/09/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 2 (IWC) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
High Head Safety Injection Pump 2A	Pacific Pumps (M)	51698	N.A.	400
Low Head Safety Injection Pump 2A	Pacific Pumps (M)	51704	N.A.	460
Containment Spray Pump 2A	Pacific Pumps (M)	51710	N.A.	454

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

STPNOC by J C Yo Date 6/22/04 ABS Group by Date 7/20/04
J. C. Younger Insurance Co. R. A. Niemann,ANII

FORM NIS-1 (Back)

8. Examination Dates 4/02/04 to 4/13/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 (IWC) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 39%.

14. Abstract of Results of Examinations and Tests.
See *Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP 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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/02/04 to 04/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
(Replacement) Steam Generator 2C	Westinghouse (M)	THXE-40344/3FM2	N.A.	80
Reactor Coolant Pump 2B	Westinghouse (M)	1081-1163E26G01-14	N.A.	47

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

STPNOC by J. C. Younger Date 8 JUL 2004 ABS Group by R. A. Niemann Date 7/26/04
Insurance Co. R. A. Niemann,ANII

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/04/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 55%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/04/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.
5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.
7. Components Inspected ASME Code Class 2 Component Supports

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.

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

STPNOC by J. C. Younger Date 8 JUL 2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 51%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP 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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 3 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C (3S142MPA03)	Bingham-Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A (3R202NHX201A)	Struthers-Wells Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A (3R202NPA201A)	Hayward Tyler Corp (M)	804101	N.A.	7
DG JW Heater 2A (3Q152MHT0134)	E. L. Weigand (M)	9B1501	N.A.	1510
DG JW Ht Exch 2A (3Q152MHX0134)	American Standard (M)	77A20006-01-2	N.A.	N.A.
Jckt Water Pipe Spt 2A (3Q152MSA0134)	Ebasco (I)	N.A.	N.A.	N.A.
JW Stand Pipe 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil HX 2A (3Q152MHX0136)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Circ Pump 2A (3Q152MPU0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Pipe Spport 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Filter 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Diesel Oil Stor Tk 2A (3Q152MTF0137)	Ebasco	N.A.	N.A.	N.A.

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

STPNOC by J. C. Younger Date 8 Jul 2004 ABS Group Insurance Co. by R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/31/04 to 4/11/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 3 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 3 examinations is 37%. This completes examinations for the First Period of the Second Interval.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/31/04 to 04/11/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

SOUTH TEXAS PROJECT
ELECTRIC GENERATING
STATION

2RE10 INSERVICE INSPECTION SUMMARY REPORT for the WELDS and COMPONENT SUPPORTS PROGRAMS

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION - UNIT 2

P.O. Box 289

Wadsworth, Texas 77483

Operator:	STP Nuclear Operating Company
Address:	P.O. Box 289 Wadsworth, TX 77483
Commercial Operation:	JUNE 19, 1989
Issue Date:	JULY 2004

2RE10 INSERVICE INSPECTION SUMMARY REPORT
FOR
WELDS AND COMPONENT SUPPORTS
of the
SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION
UNIT NO. 2

USNRC DOCKET NO.: 50-499

OPERATING LICENSE NO.: NPF-80

COMMERCIAL OPERATION DATE: June 19, 1989

Prepared by: _____ 8 JULY 2004

J. C. Younger — Date
Consulting Engineer – Test Engineering Section

Reviewed by: _____ 7/13/04

J. E. Stauber — Date
Consulting Engineer – Test Engineering Section

Approved by: _____ 7/14/03

B. L. Jenewein — Date
Supervisor – Test Engineering Section

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

TABLE OF CONTENTS

		Page
1.0	**INTRODUCTION**	1
1.1	**Scope of Summary Report**	1
2.0	**WELDS**	2
2.1	**Scope of Examinations**	2
2.2	**Summary of Examinations**	2
2.2.1	Examination Results and Corrective Actions	3
2.2.2	Additional and Successive Examinations	3
2.3	**Certification of Inspections**	4
3.0	**COMPONENT SUPPORTS**	5
3.1	**Scope of Examinations**	5
3.2	**Summary of Examinations**	5
3.2.1	Examination Results and Corrective Actions	5
3.2.2	Additional and Successive Examinations	5
3.3	**Certification of Inspections**	5

APPENDIX A Welds Listing

APPENDIX B Component Supports Listing

APPENDIX C ISI Limitations

APPENDIX D NIS-1 Forms: Owner's Report for Inservice Inspection

2RE10 Inservice Inspection Summary Report for
Welds and Component Supports

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (**STPEGS-2**) Inservice Inspection (**ISI**) program was developed and is being implemented in accordance with 10CFR50.55a, the 1989 Edition of American Society of Mechanical Engineers (**ASME**) Section XI Code, and other regulatory and Code bases as specified in the following documents:

1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (**Ten Year ISI Plan**).

2) **Examination Plan** for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the ASME Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The second ten year inspection interval of STPEGS-2 began October 19, 2000. The ISI summarized herein is for second inspection period of STPEGS-2. The second inspection period began October 19, 2003 and extends to October 18, 2007.

This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports. This Summary Report describes STP Nuclear Operating Company's (**STPNOC**) ISI of selected Class 1, 2, and 3 components of the STPEGS-2 performed prior to and during the tenth refueling outage (**2RE10**).

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (**WELDS**) and Class 1, 2, and 3 component supports (**COMPONENT SUPPORTS**). 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**).

2.0 WELDS

2.1 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 Examination Plan.

2.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1 and Class 2 components for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Tables IWB-2412-1 and IWC-2412-1. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWB)	**43 %**
Class 2 (IWC)	**39 %**

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the **Ten Year ISI Plan.** 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 prior to and during 2RE10 for components with less than 90% coverage.

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. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

Leakage at Reactor Coolant Pump 2C Seal Housing resulted in degradation of the seal housing bolting, RCP-2C-SHB. This bolting was replaced and a baseline visual examination (VT-1) was performed. Reference Summary No. 260330. This item was not a scheduled Section XI examination for 2RE10 and no additional examinations were required. However, no leakage was observed on any of the three remaining RCP Seal Housing locations.

2.2.2 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 prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 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.

2.3 Certification of Inspections

ASME Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 weld ISI examinations described in this section of the Summary Report. The STPEGS-2 weld ISI examinations have been certified by our ANII, ABS Group Inc, on the NIS-1 forms included in **Appendix D**.

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports 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 component supports and other pertinent information is contained in **Appendix B**.

3.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1, 2 and Class 3 Component Supports for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Table 2410-2 of ASME Code Case N-491-2. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWF)	**55%**
Class 2 (IWF)	**51%**
Class 3 (IWF)	**37%**

3.2.1 Examination Results and Corrective Actions

The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

3.2.2 Additional and Successive Examinations

The results of the visual examinations of component supports performed during 2RE10 did not require that any additional examinations (IWB/IWC-2430) be performed or any successive examinations (IWB/IWC-2420) be scheduled.

3.3 Certification of Inspections

Section XI NIS-l forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 component support ISI examinations described in this section of the Summary Report. The STPEGS-2 component support ISI examinations have been certified by our ANII, ABS Group Inc, 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
A	Augmented Examination Complete
Z	Optional Examination Complete

.ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1)							
010100	PRZ-2-C1 UPPER HEAD TO SHELL A	B-B B2.11	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-3. Examined 100% of weld length. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* *5-CS-54-STP*
	LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1)							
010300	PRZ-2-L1 SHELL A LONGITUDINAL SEAM WELD	B-B B2.12	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-10. Examine 1 ft of weld adjacent to the circumferential weld C1. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* * 5-CS-54-STP*
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (REF. DWG. NO. A-PRZ-1)							
010900	PRZ-2-N4B SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 79% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
011000	PRZ-2-N4C SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							

.ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
	MANWAY BOLTING (REF. DWG. NO. A-PRZ-1)							
012301	PRZ-2-BOLTING	B-G-2 B7.20	VT-1	ZA0024	C	-	-	03/09/04 - Examined all manway bolting (1-16). ** ** ** ** **
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012420	PZR-2-2A,2B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **
012520	3 SIESMIC LUG	B-H B8.20	PT	ZA0012	-	-	C	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** ** ** **
012530	4 SIESMIC LUG	B-H B8.20	PT	ZA0012	C	-	-	04/11/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)							
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	31-RC-2302-NSS - LOOP 3 (REF. DWG. NO. A-RC-3)							
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102260	4 PIPE TO ELBOW	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102300	8 PIPE TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102340	12 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102350	13 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							
103070	2 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
103080	3 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	8-RC-2214-BB1 (REF. DWG. NO. A-RC-12)							
103360	3 ELBOW TO PIPE	R-A-1 1R1.11.1 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160-.906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF. DWG. NO. A-RC-13)							
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC* ** **
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
103950	7FB FLANGE BOLTING (N2RCPSV3452)	B-G-2 B7.50	VT-1	ZA0024	C	-	-	03/07/04 - THIS IS A SCHEDULED SECTION XI EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222179) ** ** ** ** **
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104130	9FB FLANGE BOLTING (N2RCPSV3451)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222178) ** ** ** ** **
	6-RC-2012-NSS (REF. DWG. NO. A-RC-6)							
104215	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177) ** ** ** ** **
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							
104415	PRZ-2-N4A-SE PRESSURIZER RELIEF NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

.AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-SI-2315-BB1 (REF. DWG. NO. A-SI-2)							
230700	9 PIPE TO VALVE	R-A-1 1R2.11.5 MEDIUM	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT PUMP 2C

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB SEAL HOUSING BOLTS	B-G-2 B7.60	VT-1	ZA0024	E	-	-	04/09/04 - Perform baseline VT-1 examination of replacement bolting. WO 440931 / WAN 272050. This was not a scheduled ISI examination for 2RE10. ** ** ** ** **

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261100	PSV 3452-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222179) ** ** ** ** **
261120	PSV 3452-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222179) ** ** ** ** **
261160	PSV 3451-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222178) ** ** ** ** **
261180	PSV 3451-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222177) ** ** ** ** **
261220	PSV 3450-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** ** ** **

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)							
551870	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2002-GA2 (REF. DWG. NO. B-MS-3, 4)							
554245	30PL1-30PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2003-GA2 (REF. DWG. NO. B-MS-5, 6)							
556630	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							
558925	28PL1-28PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)							
705810	14PL1-14PL8	C-C	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

ONTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-CSP-1)							
750120	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
750125	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
J135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

.IGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-HHSIP-1)							
751035	SIPHH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-LHSIP-1)							
751320	SIAPLH-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
751335	SIAPLH-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

B	Baseline Examination
C	Examination for Section XI Scheduling Credit
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (REF. DWG. NO.)							
108000	RC-2123-SH08 SH-V	F-A F1.10B	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled. ** ** ** ** **
	4-RC-2123-BB1-H (REF. DWG. NO.)							
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	C	-	-	 ** ** ** ** **
	1R122NSG201C (REF. DWG. NO.)							
118450	RSGC1C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Support is nearest RCP2C column support. ** ** ** ** **
118550	RSGC2C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 1C. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** ** **
118850	RSGL1C RC REPL. S/G LOWER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Lower lateral support. ** ** ** ** **
118950	RSGU1C RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** ** ** **
	1R132NPP201B (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF. DWG. NO.)							
120200	RPC1B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** ** **
	1R132NPP101B (REF. DWG. NO.)							
120300	RPC2B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120400	RPC3B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 2B. ** ** ** ** **
120500	RPR1B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP101B (REF. DWG. NO.)							
120600	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120700	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle. ** ** ** ** **

ANTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (REF. DWG. NO.)							
214400	CS-2302-HL5002	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214500	CS-2302-HL5003	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	8-CS-2302-PB2-D (REF. DWG. NO.)							
214700	CS-2302-RH04	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214800	CS-2302-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-CS-2303-PB2-C (REF. DWG. NO.)							

ANTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PE2-C (REF. DWG. NO.)							
217300	CS-2303-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.SIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-RH-2205-KB2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.AFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-A (REF. DWG. NO.)							
243900	SI-2101-HL5026	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-B (REF. DWG. NO.)							
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244400	SI-2101-HL5024	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244500	SI-2101-HL5025	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-E (REF. DWG. NO.)							
244600	SI-2101-HL5019	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-AE (REF. DWG. NO.)							
245600	SI-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-P (REF. DWG. NO.)							

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2101-UB2-P (REF. DWG. NO.)							
246100	SI-2101-HL5005	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	12-SI-2101-UB2-AB (REF. DWG. NO.)							
249600	SI-2101-HL5013	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
249700	SI-2101-RR26	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	10-SI-2101-UB2-Y (REF. DWG. NO.)							
253300	SI-2101-RR23	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-SI-2106-DB2-B (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (REF. DWG. NO.)							
263300	SI-2106-RR12	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263400	SI-2106-SH10	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	6-SI-2106-DB2-C (REF. DWG. NO.)							
263700	SI-2106-RH08	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263800	SI-2106-RR09	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							
278300	SI-2139-HF5001	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-C-A1 (REF. DWG. NO.)							
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-D-A1 (REF. DWG. NO.)							
278700	SI-2139-HF5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
278800	SI-2139-HF5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (REF. DWG. NO.)							
303500	AF-2079-HL5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-G (REF. DWG. NO.)							
305700	AF-2079-HL5004	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-H (REF. DWG. NO.)							
305800	AF-2079-HL5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
305900	AF-2079-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2101-WA3-C (REF. DWG. NO.)							
319900	CC-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-B (REF. DWG. NO.)							
320500	CC-2102-HL5001	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-C (REF. DWG. NO.)							
320700	CC-2102-GU04	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-E (REF. DWG. NO.)							
320900	CC-2102-GU02	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-F (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2102-WA3-F (REF. DWG. NO.)							
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3S142MPA03 (REF. DWG. NO.)							
427100	AFM1C AF MTR PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF. DWG. NO.)							
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at middle. ** ** ** ** **
	3R202NPA201A (REF. DWG. NO.)							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW Pump 2A. Single base support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** ** **
430700	JWH2A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is farthest from JW circ pump. ** ** ** ** **
	3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** ** **
431300	JHX2A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
432100	JW1A JW PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Pipe Support 2A. Support is downstream from JW Standby Pump discharge. ** ** ** ** **
432200	JWS1A JW STND PIPE	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Standpipe 2A. Single base support. ** ** ** ** **

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136 (REF. DWG. NO.)							
433300	LHX1A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MPU0134 (REF. DWG. NO.)							
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							
434200	LU1A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil HX inlet. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
434300	LU2A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is downstream of Lube Oil strainers, adjacent to engine(DG21). ** ** ** ** **
434400	LU3A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil strainers, closest to Lube Oil circ pump. ** ** ** ** **
434900	LUF1A LU FILTER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Filter 2A. Single base support.. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (REF. DWG. NO.)							
436600	DOST1A DO STG TANK	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** ** ** **

APPENDIX C

ISI LIMITATIONS

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
R-A-1	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
C-C	C3.20	2	30-MS-2001-GA2 29PL1-29PL8 551870	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2002-GA2 30PL1-30PL8 554245	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2003-GA2 29PL1-29PL8 556630	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2004-GA2 28PL1-28PL8 558925	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10

APPENDIX D

NIS-1 FORMS
OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant Pump 2C	Westinghouse (M)	2-115E580G02	N.A.	47
Pressurizer Safety Valve PSV3450	Crosby(M)	N60491-00-0003	N.A.	622
Pressurizer Safety Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety Valve PSV3452	Crosby(M)	N60491-00-0007	N.A.	1124

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

STPNOC by J. C. Younger Date 6/14/2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/09/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 (IWB) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 43%.

14. Abstract of Results of Examinations and Tests.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

15. Abstract of Corrective Measures.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

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 8 JUL 20 04 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/09/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 2 (IWC) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
High Head Safety Injection Pump 2A	Pacific Pumps (M)	51698	N.A.	400
Low Head Safety Injection Pump 2A	Pacific Pumps (M)	51704	N.A.	460
Containment Spray Pump 2A	Pacific Pumps (M)	51710	N.A.	454

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

STPNOC by J C Younger Date 8/12/04 ABS Group Insurance Co. by R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/02/04 to 4/13/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 (IWC) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 39%.

14. Abstract of Results of Examinations and Tests.
See *Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/02/04 to 04/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
(Replacement) Steam Generator 2C	Westinghouse (M)	THXE-40344/3FM2	N.A.	80
Reactor Coolant Pump 2B	Westinghouse (M)	1081-1163E26G01-14	N.A.	47

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

STPNOC by J. C. Younger Date 8-26-2004 ABS Group by Insurance Co. R. A. Niemann,ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/04/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 55%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/04/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.
5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.
7. Components Inspected ASME Code Class 2 Component Supports

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.

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

STPNOC by J. C. Younger Date 8 JUL 2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 51%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP 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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 3 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C (3S142MPA03)	Bingham-Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A (3R202NHX201A)	Struthers-Wells Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A (3R202NPA201A)	Hayward Tyler Corp (M)	804101	N.A.	7
DG JW Heater 2A (3Q152MHT0134)	E. L. Weigand (M)	9B1501	N.A.	1510
DG JW Ht Exch 2A (3Q152MHX0134)	American Standard (M)	77A20006-01-2	N.A.	N.A.
Jckt Water Pipe Spt 2A (3Q152MSA0134)	Ebasco (I)	N.A.	N.A.	N.A.
JW Stand Pipe 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil HX 2A (3Q152MHX0136)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Circ Pump 2A (3Q152MPU0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Pipe Spport 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Filter 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Diesel Oil Stor Tk 2A (3Q152MTF0137)	Ebasco	N.A.	N.A.	N.A.

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

STPNOC by J. C. Younger Date 8 Jul 2004 ABS Group Insurance Co. by R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/31/04 to 4/11/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. (ASME Code Class 3 Component Supports)
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 3 examinations is 37%. This completes examinations for the First Period of the Second Interval.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/31/04 to 04/11/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

SOUTH TEXAS PROJECT
ELECTRIC GENERATING
STATION

2RE10 INSERVICE INSPECTION SUMMARY REPORT for the WELDS and COMPONENT SUPPORTS PROGRAMS

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION - UNIT 2

P.O. Box 289

Wadsworth, Texas 77483

Operator:	STP Nuclear Operating Company
Address:	P.O. Box 289 Wadsworth, TX 77483
Commercial Operation:	JUNE 19, 1989
Issue Date:	JULY 2004

2RE10 INSERVICE INSPECTION SUMMARY REPORT

FOR

WELDS AND COMPONENT SUPPORTS

of the

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION

UNIT NO. 2

USNRC DOCKET NO.: 50-499

OPERATING LICENSE NO.: NPF-80

COMMERCIAL OPERATION DATE: June 19, 1989

Prepared by: J C Younger 8 JULY 2004

J. C. Younger — Date
Consulting Engineer – Test Engineering Section

Reviewed by: J E Stauber 7/13/04

J. E. Stauber — Date
Consulting Engineer – Test Engineering Section

Approved by: 7/14/03

B. L. Jenewein — Date
Supervisor – Test Engineering Section

NRC OK 8/10/04

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

TABLE OF CONTENTS

		Page
1.0	**INTRODUCTION**	1
1.1	**Scope of Summary Report**	1
2.0	**WELDS**	2
2.1	**Scope of Examinations**	2
2.2	**Summary of Examinations**	2
2.2.1	Examination Results and Corrective Actions	3
2.2.2	Additional and Successive Examinations	3
2.3	**Certification of Inspections**	4
3.0	**COMPONENT SUPPORTS**	5
3.1	**Scope of Examinations**	5
3.2	**Summary of Examinations**	5
3.2.1	Examination Results and Corrective Actions	5
3.2.2	Additional and Successive Examinations	5
3.3	**Certification of Inspections**	5

APPENDIX A Welds Listing

APPENDIX B Component Supports Listing

APPENDIX C ISI Limitations

APPENDIX D NIS-1 Forms: Owner's Report for Inservice Inspection

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (**STPEGS-2**) Inservice Inspection (**ISI**) program was developed and is being implemented in accordance with 10CFR50.55a, the 1989 Edition of American Society of Mechanical Engineers (**ASME**) Section XI Code, and other regulatory and Code bases as specified in the following documents:

1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (**Ten Year ISI Plan**).

2) **Examination Plan** for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the ASME Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The second ten year inspection interval of STPEGS-2 began October 19, 2000. The ISI summarized herein is for second inspection period of STPEGS-2. The second inspection period began October 19, 2003 and extends to October 18, 2007.

This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports. This Summary Report describes STP Nuclear Operating Company's (**STPNOC**) ISI of selected Class 1, 2, and 3 components of the STPEGS-2 performed prior to and during the tenth refueling outage (**2RE10**).

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (**WELDS**) and Class 1, 2, and 3 component supports (**COMPONENT SUPPORTS**). 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**).

2.0 WELDS

2.1 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 Examination Plan.

2.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1 and Class 2 components for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Tables IWB-2412-1 and IWC-2412-1. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWB)	**43 %**
Class 2 (IWC)	**39 %**

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the **Ten Year ISI Plan.** 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 prior to and during 2RE10 for components with less than 90% coverage.

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. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

Leakage at Reactor Coolant Pump 2C Seal Housing resulted in degradation of the seal housing bolting, RCP-2C-SHB. This bolting was replaced and a baseline visual examination (VT-1) was performed. Reference Summary No. 260330. This item was not a scheduled Section XI examination for 2RE10 and no additional examinations were required. However, no leakage was observed on any of the three remaining RCP Seal Housing locations.

2.2.2 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 prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 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.

2.3 Certification of Inspections

ASME Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 weld ISI examinations described in this section of the Summary Report. The STPEGS-2 weld ISI examinations have been certified by our ANII, ABS Group Inc, on the NIS-1 forms included in **Appendix D**.

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports 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 component supports and other pertinent information is contained in **Appendix B**.

3.2 Summary of Examinations

The examinations completed during 2RE10 constitute the following percentages of completion of Distributed ISI Examinations for Class 1, 2 and Class 3 Component Supports for the Second Inspection Interval. Distributed ISI examinations are those examinations required to be distributed across the three inspection periods and performed within the percentage completion ranges listed in Table 2410-2 of ASME Code Case N-491-2. The percentage range of completion of ISI examinations required by the end of the Second Period is between 50% and 67%. There are two refueling outages remaining prior to the completion of the Second Period on October 18, 2007.

	Cumulative (1st Period/Second Interval)
Class 1 (IWF)	**55%**
Class 2 (IWF)	**51%**
Class 3 (IWF)	**37%**

3.2.1 Examination Results and Corrective Actions

The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

3.2.2 Additional and Successive Examinations

The results of the visual examinations of component supports performed during 2RE10 did not require that any additional examinations (IWB/IWC-2430) be performed or any successive examinations (IWB/IWC-2420) be scheduled.

3.3 Certification of Inspections

Section XI NIS-1 forms, "Owner's Report for Inservice Inspections", have been prepared to certify the STPEGS-2 component support ISI examinations described in this section of the Summary Report. The STPEGS-2 component support ISI examinations have been certified by our ANII, ABS Group Inc, 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
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1)							
010100	PRZ-2-C1 UPPER HEAD TO SHELL A	B-B B2.11	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-3. Examined 100% of weld length. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* *5-CS-54-STP*
	LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1)							
010300	PRZ-2-L1 SHELL A LONGITUDINAL SEAM WELD	B-B B2.12	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-10. Examine 1 ft of weld adjacent to the circumferential weld C1. *CSCL-89 , CS-54* ** ** *5-CSCL-89-W-STP* * 5-CS-54-STP*
	NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (REF. DWG. NO. A-PRZ-1)							
010900	PRZ-2-N4B SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 79% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
011000	PRZ-2-N4C SAFETY NOZZLE	B-D B3.110	UT	UTI024	C	-	-	03/09/04 - Reference Figure D-4. 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** *3-CSCL-56-STP* *5-CS-54-STP*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							

PRESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)							
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UTI016	C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
	MANWAY BOLTING (REF. DWG. NO. A-PRZ-1)							
012301	PRZ-2-BOLTING	B-G-2 B7.20	VT-1	ZA0024	C	-	-	03/09/04 - Examined all manway bolting (1-16). ** ** ** ** **
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012420	PZR-2-2A,2B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** ** **
012520	3 SIESMIC LUG	B-H B8.20	PT	ZA0012	-	-	C	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** ** ** **
012530	4 SIESMIC LUG	B-H B8.20	PT	ZA0012	C	-	-	04/11/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. ** ** ** ** **

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)							
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	31-RC-2302-NSS - LOOP 3 (REF. DWG. NO. A-RC-3)							
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size. *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102260	4 PIPE TO ELBOW	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102300	8 PIPE TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102340	12 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102350	13 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							

..EACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							
103070	2 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
103080	3 ELBOW TO PIPE	R-A-1 1R1.11.3 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
	8-RC-2214-BB1 (REF. DWG. NO. A-RC-12)							
103360	3 ELBOW TO PIPE	R-A-1 1R1.11.1 HIGH	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160-.906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF. DWG. NO. A-RC-13)							
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC* ** **
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF. DWG. NO. A-RC-6)							
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
103950	7FB FLANGE BOLTING (N2RCPSV3452)	B-G-2 B7.50	VT-1	ZA0024	C	-	-	03/07/04 - THIS IS A SCHEDULED SECTION XI EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222179) ** ** ** ** **
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2009-NSS (REF. DWG. NO. A-RC-6)							
104130	9FB FLANGE BOLTING (N2RCPSV3451)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222178) ** ** ** ** **
	6-RC-2012-NSS (REF. DWG. NO. A-RC-6)							
104215	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 B7.50	VT-1	ZA0024	Z	-	-	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177) ** ** ** ** **
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							
104415	PRZ-2-N4A-SE PRESSURIZER RELIEF NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-SI-2315-BB1 (REF. DWG. NO. A-SI-2)							
230700	9 PIPE TO VALVE	R-A-1 1R2.11.5 MEDIUM	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT PUMP 2C

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB SEAL HOUSING BOLTS	B-G-2 B7.60	VT-1	ZA0024	B	-	-	04/09/04 - Perform baseline VT-1 examination of replacement bolting. WO 440931 / WAN 272050. This was not a scheduled ISI examination for 2RE10. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

VALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261100	PSV 3452-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222179) ** ** ** ** **
261120	PSV 3452-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222179) ** ** ** ** **
261160	PSV 3451-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222178) ** ** ** ** **
261180	PSV 3451-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF. DWG. NO.)							
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	B	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-M-2(CD) IS TO BE EXAMINED. (REFERENCE WAN 222177) ** ** ** ** **
261220	PSV 3450-VIS ON FIG. NO. A-RC-6	B-M-2(CD) B12.50	VT-3	ZA0024	B	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)							
551870	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2002-GA2 (REF. DWG. NO. B-MS-3, 4)							
554245	30PL1-30PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2003-GA2 (REF. DWG. NO. B-MS-5, 6)							
556630	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

AIN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)							
558925	28PL1-28PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)							
705810	14PL1-14PL8	C-C	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

JNTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-CSP-1)							
750120	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
750125	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
J135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.IGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-HHSIP-1)							
751035	SIPHH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE	C6.10						**
								**
								**
								**
								**

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. NO. B-LHSIP-1)							
751320	SIAPLH-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **
751335	SIAPLH-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

B	Baseline Examination
C	Examination for Section XI Scheduling Credit
A	Augmented Examination Complete
Z	Optional Examination Complete

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (REF. DWG. NO.)							
108000	RC-2123-SH08 SH-V	F-A F1.10B	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled. ** ** ** ** **
	4-RC-2123-BB1-H (REF. DWG. NO.)							
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	C	-	-	 ** ** ** ** **
	1R122NSG201C (REF. DWG. NO.)							
118450	RSGC1C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Support is nearest RCP2C column support. ** ** ** ** **
118550	RSGC2C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 1C. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** ** **
118850	RSGL1C RC REPL. S/G LOWER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Lower lateral support. ** ** ** ** **
118950	RSGU1C RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** ** ** **
	1R132NPP201B (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF. DWG. NO.)							
120200	RPC1B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** ** **
	1R132NPP101B (REF. DWG. NO.)							
120300	RPC2B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120400	RPC3B RC PUMP COL	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 2B. ** ** ** ** **
120500	RPR1B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle. ** ** ** ** **

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP101B (REF. DWG. NO.)							
120600	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** ** **
120700	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle. ** ** ** ** **

NTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (REF. DWG. NO.)							
214400	CS-2302-HL5002	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214500	CS-2302-HL5003	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	8-CS-2302-PB2-D (REF. DWG. NO.)							
214700	CS-2302-RH04	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
214800	CS-2302-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-CS-2303-PB2-C (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

ANTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (REF. DWG. NO.)							
217300	CS-2303-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.SIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-RH-2205-KB2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-A (REF. DWG. NO.)							
243900	SI-2101-HL5026	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-B (REF. DWG. NO.)							
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-D (REF. DWG. NO.)							
244400	SI-2101-HL5024	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
244500	SI-2101-HL5025	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	24-SI-2101-UB2-E (REF. DWG. NO.)							
244600	SI-2101-HL5019	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-AE (REF. DWG. NO.)							
245600	SI-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	16-SI-2101-UB2-P (REF. DWG. NO.)							

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2101-UB2-P (REF. DWG. NO.)							
246100	SI-2101-HL5005	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	12-SI-2101-UB2-AB (REF. DWG. NO.)							
249600	SI-2101-HL5013	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
249700	SI-2101-RR26	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	10-SI-2101-UB2-Y (REF. DWG. NO.)							
253300	SI-2101-RR23	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	6-SI-2106-DB2-B (REF. DWG. NO.)							

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (REF. DWG. NO.)							
263300	SI-2106-RR12	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263400	SI-2106-SH10	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	SH-V	F1.20B						**
								**
								**
								**
								**
	6-SI-2106-DB2-C (REF. DWG. NO.)							
263700	SI-2106-RH08	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
263800	SI-2106-RR09	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								**
								**
								**
								**
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							

.FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	2-SI-2139-DB2-A-A1 (REF. DWG. NO.)							
278300	SI-2139-HF5001	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-C-A1 (REF. DWG. NO.)							
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
	2-SI-2139-DB2-D-A1 (REF. DWG. NO.)							
278700	SI-2139-HF5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**
278800	SI-2139-HF5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.20D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (REF. DWG. NO.)							
303500	AF-2079-HL5003	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-G (REF. DWG. NO.)							
305700	AF-2079-HL5004	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	6-AF-2079-WB3-H (REF. DWG. NO.)							
305800	AF-2079-HL5005	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
305900	AF-2079-HL5006	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2101-WA3-C (REF. DWG. NO.)							
319900	CC-2101-HL5004	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-B (REF. DWG. NO.)							
320500	CC-2102-HL5001	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.30A						**
								**
								**
								**
								**
	24-CC-2102-WA3-C (REF. DWG. NO.)							
320700	CC-2102-GU04	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-E (REF. DWG. NO.)							
320900	CC-2102-GU02	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**
	24-CC-2102-WA3-F (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-CC-2102-WA3-F (REF. DWG. NO.)							
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3S142MPA03 (REF. DWG. NO.)							
427100	AFM1C AF MTR PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support. ** ** ** ** **

MPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF. DWG. NO.)							
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at middle. ** ** ** ** **
	3R202NPA201A (REF. DWG. NO.)							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW Pump 2A. Single base support. ** ** ** ** **

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** ** **
430700	JWH2A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is farthest from JW circ pump. ** ** ** ** **
	3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** ** **
431300	JHX2A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
432100	JW1A JW PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Pipe Support 2A. Support is downstream from JW Standby Pump discharge. ** ** ** ** **
432200	JWS1A JW STND PIPE	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Standpipe 2A. Single base support. ** ** ** ** **

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136 (REF. DWG. NO.)							
433300	LHX1A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** ** **
	3Q152MPU0134 (REF. DWG. NO.)							
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** ** **
	3Q152MSA0134 (REF. DWG. NO.)							
434200	LU1A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil HX inlet. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NOREC	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF. DWG. NO.)							
434300	LU2A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is downstream of Lube Oil strainers, adjacent to engine(DG21). ** ** ** ** **
434400	LU3A LU PIPE SUPT	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil strainers, closest to Lube Oil circ pump. ** ** ** ** **
434900	LUF1A LU FILTER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Lube Oil Filter 2A. Single base support.. ** ** ** ** **

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 3 CABZ STATUS COMPONENTS

.ESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	NORE C	GEOM	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (REF. DWG. NO.)							
436600	DOST1A	F-A	VT-3	ZA0023	C	-	-	03/08/04 - Diesel Oil Storage Tank
	DO STG TANK	F1.43						2A. Single base support.
								**
								**
								**
								**
								**

APPENDIX C

ISI LIMITATIONS

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
R-A-1	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10

ISI LIMITATIONS
2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2

ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage
C-C	C3.20	2	30-MS-2001-GA2 29PL1-29PL8 551870	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2002-GA2 30PL1-30PL8 554245	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2003-GA2 29PL1-29PL8 556630	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-C	C3.20	2	30-MS-2004-GA2 28PL1-28PL8 558925	Pipe Lugs	N/A	54%	Limited MT coverage due to configuration of the lugs and proximity of permanent pipe support.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10

APPENDIX D

NIS-1 FORMS
OWNER'S REPORT FOR INSERVICE INSPECTIONS

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 1 (IWB) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant Pump 2C	Westinghouse (M)	2-115E580G02	N.A.	47
Pressurizer Safety Valve PSV3450	Crosby(M)	N60491-00-0003	N.A.	622
Pressurizer Safety Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety Valve PSV3452	Crosby(M)	N60491-00-0007	N.A.	1124

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

STPNOC by J. C. Younger Date 6/14/2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/09/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 (IWB) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 43%.

14. Abstract of Results of Examinations and Tests.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

15. Abstract of Corrective Measures.
See ***Section 2.2.1 Examination Results and Corrective Actions* of 2RE10 Summary Report.**

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 8 JUL 20 04 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/09/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 2 (IWC) Items

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
High Head Safety Injection Pump 2A	Pacific Pumps (M)	51698	N.A.	400
Low Head Safety Injection Pump 2A	Pacific Pumps (M)	51704	N.A.	460
Containment Spray Pump 2A	Pacific Pumps (M)	51710	N.A.	454

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

STPNOC by J C Yg Date 8/12/04 ABS Group by Date 7/20/04
J. C. Younger Insurance Co. R. A. Niemann,ANII

FORM NIS-1 (Back)

8. Examination Dates 4/02/04 to 4/13/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 (IWC) Items - Welds Program)**
See *Appendix A* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 39%.

14. Abstract of Results of Examinations and Tests.
See ***Section 2.2.1 Examination Results and Corrective Actions*** **of 2RE10 Summary Report.**

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/02/04 to 04/13/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 1 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
(Replacement) Steam Generator 2C	Westinghouse (M)	THXE-40344/3FM2	N.A.	80
Reactor Coolant Pump 2B	Westinghouse (M)	1081-1163E26G01-14	N.A.	47

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

STPNOC by J. O. Younger Date 8 JUL 2004 ABS Group by R. A. Niemann Date 7/20/04
J. O. Younger Insurance Co. R. A. Niemann,ANII

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/04/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 1 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 55%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/04/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

7. Components Inspected ASME Code Class 2 Component Supports

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 2 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.

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

STPNOC by J. C. Younger Date 8 JUL 2004 ABS Group by Insurance Co. R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 4/01/04 to 4/12/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 2 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 2 examinations is 51%.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP 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 ABSGroup Inc. of Houston. TX have inspected the components described in this Owner's Report during the period 04/01/04 to 04/12/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

1. Owner STP 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 2 4. Owner and Certificate of Authorization (if required) N.A.

5. Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.

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

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Class 3 Piping	Ebasco and Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C (3S142MPA03)	Bingham-Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A (3R202NHX201A)	Struthers-Wells Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A (3R202NPA201A)	Hayward Tyler Corp (M)	804101	N.A.	7
DG JW Heater 2A (3Q152MHT0134)	E. L. Weigand (M)	9B1501	N.A.	1510
DG JW Ht Exch 2A (3Q152MHX0134)	American Standard (M)	77A20006-01-2	N.A.	N.A.
Jckt Water Pipe Spt 2A (3Q152MSA0134)	Ebasco (I)	N.A.	N.A.	N.A.
JW Stand Pipe 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil HX 2A (3Q152MHX0136)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Circ Pump 2A (3Q152MPU0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Pipe Spport 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil Filter 2A (3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Diesel Oil Stor Tk 2A (3Q152MTF0137)	Ebasco	N.A.	N.A.	N.A.

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

STPNOC by J. C. Younger Date 8 Jul 2004 ABS Group Insurance Co. by R. A. Niemann, ANII Date 7/20/04

FORM NIS-1 (Back)

8. Examination Dates 3/31/04 to 4/11/04

9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)

10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)

11. Applicable Edition of Section XI 1989 Edition Addenda none

12. Date/Revision of Inspection Plan: January 2004/Revision 1

13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. **(ASME Code Class 3 Component Supports)**
See *Appendix B* of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 3 examinations is 37%. This completes examinations for the First Period of the Second Interval.

14. Abstract of Results of Examinations and Tests.
The visual examinations performed on component supports during 2RE10 did not reveal any relevant conditions.

15. Abstract of Corrective Measures.
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 8 JUL 2004 Signed STP Nuclear Operating Company By
Owner J. C. Younger

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 ABSGroup Inc. of Houston, TX have inspected the components described in this Owner's Report during the period 03/31/04 to 04/11/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests 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, tests, 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 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004