



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

July 22, 2004
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U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
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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.

A handwritten signature in black ink that reads "Michael J. Berg".

Michael J. Berg
Manager,
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PLW

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

A047

cc:

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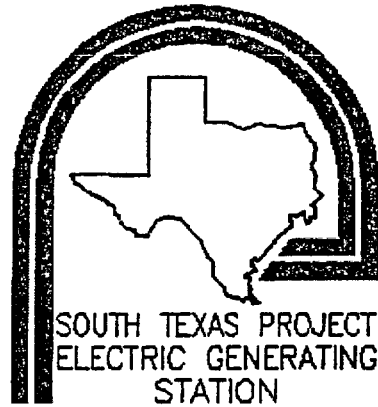
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**2RE10 INSERVICE INSPECTION
SUMMARY REPORT
for the
WELDS
and
COMPONENT SUPPORTS
PROGRAMS**

**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 6 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: B. L. Jenewein 7/14/03
B. L. Jenewein Date
Supervisor - Test Engineering Section

Handwritten signature and date: 7/14/04

**2RE10 Inservice Inspection Summary Report for
Welds and Component Supports
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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).

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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 %

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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**.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	XI CATEGORY	ITEM NO	EXAM METHOD	PROCEDURE	N O R E C M	G E O M E T R Y	O T H E R	REMARKS
		RISK RANK								
NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)										
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UT1016			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	UT1016			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	PRZ-2-2A,2B SUPPORT BRACKET	B-E 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. ** ** ** ** **

DATE: 07/13/04
REVISION: 0

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

PAGE: 3

ESSURIZER

ESSURIZER

					REMARKS		
					CALIBRATION BLOCK		
					APP VIII SUPP		
					DEGRADATION MECH		
					CAL BLOCK ID 1		
					CAL BLOCK ID 2		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E
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 SEISMIC 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 SEISMIC 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. ** ** ** ** **		

DATE: 07/03/04
REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E O C	G T H E R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK					*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	R-A-1	UT	UTI018	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20					38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM					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	R-A-1	UT	UTI018	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20					38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM					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)							
102260	3	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102260	4	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T H O E M	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK					*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	R-A-1	UT	UTII-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO PIPE	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102340	12	R-A-1	UT	UTII-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.3					*SS-21*
		HIGH					*S2*
							TASCS - TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102350	13	R-A-1	UT	UTII-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.3					*SS-21*
		HIGH					*S2*
							TASCS - TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102360	14	R-A-1	UT	UTII-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO BRANCH	1R1.11.2					*SS-21*
	CONNECTION	HIGH					*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)

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 1 CABZ STATUS COMPONENTS

REMARKS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G E O M	T H E M	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*APP VIII SUPP*
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 experience 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)

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM						REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK					*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 experience 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 experience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	*CALIBRATION BLOCK*
		XI CATEGORY					*APP VIII SUPP*
		ITEM NO					*DEGRADATION MECH*
		RISK RANK					*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 experience 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)

DATE: 07/03/04
REVISION: 0

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

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SAFETY INJECTION SYSTEM

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

DATE: 07/03/04
REVISION: 0

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

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FACTOR COOLANT PUMP 2C

					REMARKS		
		ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB	B-G-2	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.
	SEAL HOUSING BOLTS	B7.60					**
							**
							**
							**
							**

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STPEGS - INTERVAL 2 - WELDS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ALVES

								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	XI CATEGORY	EXAM METHOD	PROCEDURE	N O R E C	O G E O M R	*CALIBRATION BLOCK*
		ITEM NO	RISK RANK					*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) ** ** ** ** ** **

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

ALVES

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK	METHOD					*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) ** ** ** ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

IN STEAM SYSTEM

SUMMARY		ASME SEC		N O G T		REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	ITEM NO	EXAM	R E H	*CALIBRATION BLOCK*
	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E O E	*APP VIII SUPP*
					C M R	*DEGRADATION MECH*
						CAL BLOCK ID 1
						CAL BLOCK ID 2
30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)						
551870	29PL1-29PL8	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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)						

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STPEGS - INTERVAL 2 - WELDS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
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CLASS 2 CABZ STATUS COMPONENTS

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MAIN STEAM SYSTEM

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

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

SAFETY INJECTION SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C O G T E O E M R	O T H E R	*CALIBRATION BLOCK*
		XI CATEGORY					*APP VIII SUPP*
		ITEM NO					*DEGRADATION MECH*
		RISK RANK					*CAL BLOCK ID 1*
							CAL BLOCK ID 2

16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)							
05810	14PL1-14PL8	C-C	PT	ZA0012	C	-	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20					**
							**
							**
							**
							**

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 2 CABZ STATUS COMPONENTS

REMARKS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T E O M	O T H E R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*APP VIII SUPP*
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. ** ** ** ** **

LOW HEAD SAFETY INJECTION PUMPS

LIGH HEAD SAFETY INJECTION PUMPS					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			O	G	T	*APP VIII SUPP*
		ITEM NO			R	E	H	*DEGRADATION MECH*
		RISK RANK			E	O	E	*CAL BLOCK ID 1*
						M	R	*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						**
								**
								**
								**
								**

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 2 CABZ STATUS COMPONENTS

REMARKS

```
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

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY		ASME SEC			N	O	REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	EXAM		O	G	*CALIBRATION BLOCK*
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
							CAL BLOCK ID 2
1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. From above,
	RC REPL. S/G COL	F1.41					support is clockwise from 2C.
							**
							**
							**
							**
							**

118750	RSGC4C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. From above,
	RC REPL. S/G COL	F1.41					support is clockwise from 3C.
							**
							**
							**
							**
							**

118850	RSG11C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. Lower lateral
	RC REPL. S/G LOWER	F1.41					support.
							**
							**
							**
							**
							**

118950	RSG11C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. Upper lateral
	RC REPL. S/G UPPER	F1.41					support.
							**
							**
							**
							**
							**

1R132NPP201B (REF. DWG. NO.)

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
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CLASS 1 CABZ STATUS COMPONENTS

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FACTOR COOLANT 1

FACTOR COOLANT 1					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			G	T		*APP VIII SUPP*
		ITEM NO			E	H		*DEGRADATION MECH*
		RISK RANK			O	E		*CAL BLOCK ID 1*
					C	M	R	*CAL BLOCK ID 2*
1R132NPP201B (REF. DWG. NO.)								
120200	RPC1B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is
	RC PUMP COL	F1.41						nearest RSG2B column support.
								**
								**
								**
								**
								**

1R132NPP101B (REF. DWG. NO.)								
120300	RPC2B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above,
	RC PUMP COL	F1.41						support is clockwise from 1B.
								**
								**
								**
								**
								**

120400	RPC3B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above,
	RC PUMP COL	F1.41						support is clockwise from 2B.
								**
								**
								**
								**
								**

120500	RPR1B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above,
	RC PUMP RODS	F1.41						support is clockwise from discharge
								nozzle.
								**
								**
								**
								**
								**

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

ASME SEC				REMARKS	
XI CATEGORY				*CALIBRATION BLOCK*	
ITEM NO				*APP VIII SUPP*	
RISK RANK				*DEGRADATION MECH*	
METHOD				*CAL BLOCK ID 1*	
PROCEDURE				*CAL BLOCK ID 2*	
SUMMARY	EXAMINATION AREA			N	O
NUMBER	IDENTIFICATION			G	T
				R	H
				E	E
				C	R

1R132NPP101B (REF. DWG. NO.)

```

120600 RPR2B      F-A          VT-3       ZA0023        C - -   03/08/04 - RCP2B. From above,
RC PUMP RODS     FL41                                support is clockwise from 1B.
                                                    **
                                                    **
                                                    **
                                                    **
                                                    **

```

120700	RPR3E	F-A	VT-3	ZA0023	C - -	03/08/04 - RCP2E. From above,
	RC PUMP RODS	F1.41				support is counterclockwise from
						discharge nozzle.
						**
						**
						**
						**
						**

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
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CLASS 2 CABZ STATUS COMPONENTS

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MAINTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T H E M	O T H E R	REMARKS
		XI CATEGY ITEM NO RISK RANK						*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.)

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CLASS 2 CABZ STATUS COMPONENTS

ENTAINMENT SPRAY 2

ENTAINMENT SPRAY 2					REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C M	O T H E R
		XI CATEGORY ITEM NO RISK RANK				
6-CS-2303-PB2-C (REF. DWG. NO.)						
217300	CS-2303-EL5006	F-A	VT-3	ZA0023	C	- -
	GUIDE	F1.20D				**
						**
						**
						**
						**

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CLASS 2 CABZ STATUS COMPONENTS

SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R E H	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E O E C M R	*CAL BLOCK ID 1*
						CAL BLOCK ID 2
<hr/>						
	24-SI-2101-UB2-A (REF. DWG. NO.)					
243900	SI-2101-HL5026	F-A	VT-3	ZA0023	C - -	
	RR	F1.20A				**
						**
						**
						**
						**
<hr/>						
	24-SI-2101-UB2-B (REF. DWG. NO.)					
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	C - -	
	RR	F1.20A				**
						**
						**
						**
						**
<hr/>						
	24-SI-2101-UB2-D (REF. DWG. NO.)					
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C - -	
	RR	F1.20A				**
						**
						**
						**
						**
<hr/>						
	24-SI-2101-UB2-E (REF. DWG. NO.)					
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	C - -	
	RR	F1.20A				**
						**
						**
						**
						**

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

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LEFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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.)

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

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

SUMMARY		ASME SEC			N	O	REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	ITEM NO	EXAM	O	G	*CALIBRATION BLOCK*
	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
					E	H	*DEGRADATION MECH*
					O		*CAL BLOCK ID 1*
					C	M	*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.)							

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 2 CABZ STATUS COMPONENTS

REMARKS

		ASME SEC			N	O
		II CATEGORY			G	T
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	X
					C	M

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				**	
						**	
						**	
						**	
						**	

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.)

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 2 CABZ STATUS COMPONENTS

REMARKS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM	PROCEDURE	N O R E C	G E O M	O T H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
		XI CATEGY	ITEM NO RISK RANK					
2-SI-21139-DB2-A-A1 (REF. DWG. NO.)								
278300	SI-21139-HF5001 GUIDE	F-A F1.20D	VT-3	ZA0023	C	-	-	** ** ** ** **

2-SI-21139-DB2-C-A1 (REF. DWG. NO.)								
278500	SI-21139-HF5003 GUIDE	F-A F1.20D	VT-3	ZA0023	C	-	-	** ** ** ** **

2-SI-21139-DB2-D-A1 (REF. DWG. NO.)								
278700	SI-21139-HF5005 GUIDE	F-A F1.20D	VT-3	ZA0023	C	-	-	** ** ** ** **

278800	SI-21139-HF5006 GUIDE	F-A F1.20D	VT-3	ZA0023	C	-	-	** ** ** ** **

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CLASS 3 CABZ STATUS COMPONENTS

				REMARKS			
		ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			N	G	*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*

303500	AF-2079-HL5003	F-A	VT-3	ZA0023	C - -	
	GUIDE	F1.30D				**
						**
						**
						**
						**

305700	AF-2079-EL5004	F-A	VT-3	ZA0023	C - -	
	GUIDE	F1.30D				**
						**
						**
						**
						**

305800	AF-2079-HL5005	F-A	VT-3	ZA0023	C - -	**
	GUIDE	F1.30D				**
						**
						**
						**
						**

305900	AF-2079-XL5006	F-A	VT-3	ZA0023	C - -	
	GUIDE	F1.30D				**
						**
						**
						**
						**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

COMPONENT COOLING 3				REMARKS	
		ASME SEC		N	O
		XI CATEGORY		O	T
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM	R	E
NUMBER	IDENTIFICATION	RISK RANK	METHOD	E	O
				C	M
					R
					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-BL5004	F-A	VT-3	ZA0023	C - -
	RR	F1.30A			**
					**
					**
					**
					**
					**

24-CC-2102-WA3-B (REF. DWG. NO.)

```

320500 CC-2102-BL5001 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.)

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

CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

COMPONENT COOLING 3					REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C M	O T H E R
		XI CATEGORY ITEM NO RISK RANK				
24-CC-2102-WA3-F (REF. DWG. NO.)						
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	- -
	GUIDE	F1.30D				**
						**
						**
						**
						**

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

..ILIARY FEEDWATER 3

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

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CLASS 3 CABZ STATUS COMPONENTS

REMARKS
CALIBRATION BLOCK
APP VIII SUPP
DEGRADATION MECH
CAL BLOCK ID 1
CAL BLOCK ID 2

429500	CCP1A	F-A	VT-3	ZA0023	C - -	03/08/04 - CCW Pump 2A. Single base support.
	CC CLG PUMP	F1.43				**
						**
						**
						**
						**

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INSERVICE INSPECTION SUMMARY - 2RE10

SEEL JACKET WATER 3

SUMMARY		ASME SEC			N	O	REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	EXAM		O	G	*CALIBRATION BLOCK*
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
							CAL BLOCK ID 2
3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is closest to JW circ pump.
							**
							**
							**
							**
							**

430700	JWH2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is farthest from JW circ pump.
							**
							**
							**
							**
							**

3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is closest to engine(DG21).
							**
							**
							**
							**
							**

431300	JHX2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is farthest from engine(DG21).
							**
							**
							**
							**
							**

3Q152MSA0134 (REF. DWG. NO.)							

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL JACKET WATER 3

JACKET WATER 3					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*
		XI CATEGORY			G	T	*APP VIII SUPP*
		ITEM NO			R	E	*DEGRADATION MECH*
		RISK RANK			E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
3Q152MSA0134 (REF. DWG. NO.)							
432100	JW1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Pipe
	JW PIPE SUPT	F1.43					Support 2A. Support is downstream
							from JW Standby Pump discharge.
							**
							**
							**
							**
							**

432200	JWS1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Standpipe
	JW STND PIPE	F1.43					2A. Single base support.
							**
							**
							**
							**
							**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESSEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G T H E M R	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.. ** ** ** ** **

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 3 CABZ STATUS COMPONENTS

.ESEL OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T E O M	O T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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	I	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	I	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	I	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	I	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	I	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	I	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 PCWI 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2RE10
C-G	C6.10	2	CIAPCS-2A PCWI 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 6/20/02 ABS Group by R. A. Niemann, ANII Date 7/30/02
 Insurance Co.

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 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 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Tex 756
Commissions
National Board, State, Province, and Endorsements

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 6/20/04 ABS Group by R. A. Niemann, ANII Date 7/20/04
 Insurance Co.

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.

Robert Niemann Commissions
Inspector's Signature
Robert Niemann

Tex 756
National Board, State, Province, and Endorsements

Date 7/20/2004

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

[illegible]

STPNOC by J. C. Younger Date 8-21-2008 ABS Group by R. A. Niemann, ANII Date 12-9-04
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 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 04/04/04, 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

[illegible]

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

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 8/26 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/04

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 Ssport 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 8/20/04 ABS Group by R. A. Niemann, ANII Date 8/20/04
 Insurance Co.

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.

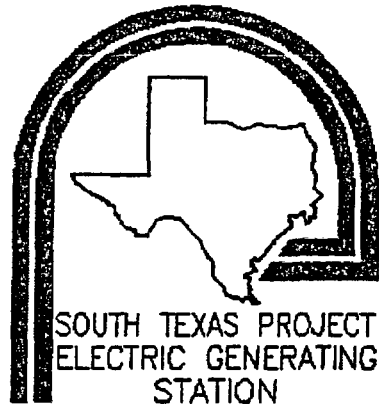
Date 8 JUL 2004 Signed STP Nuclear Operating Company By J.C. Younger
Owner

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 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann
Date 7/20/2004



**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 6 July 2004

J. C. Younger
Consulting Engineer – Test Engineering Section

Date

Reviewed by: J E Stauber 7/13/04

J. E. Stauber
Consulting Engineer – Test Engineering Section

Date

Approved by: B L Jenewein 7/14/03

B. L. Jenewein
Supervisor – Test Engineering Section

Date

APR 11
2004

**2RE10 Inservice Inspection Summary Report for
Welds and Component Supports
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 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).

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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 %

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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**.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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

PAGE: 1

INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 1 CABZ STATUS COMPONENTS

REMARKS

CALIBRATION BLOCK
APP VIII SUPP
DEGRADATION MECH
CAL BLOCK ID 1
CAL BLOCK ID 2

010100	PRZ-2-C1	B-B	UT	UTI024	C - -	03/09/04 - Reference Figure D-3.
	UPPER HEAD TO SHELL A B2.11					Examined 100% of weld length.
						CSCL-89 , CS-54
						**
						**
						5-CSCL-89-W-STP
						5-CS-54-STP

010300	PRZ-2-L1	B-B	UT	UTI024	C - -	03/09/04 - Reference Figure D-10.
	SHELL A LONGITUDINAL	B2.12				Examine 1 ft of weld adjacent to
	SEAM WELD					the circumferential weld C1.
						CSCL-89 , CS-54
						**
						**
						5-CSCL-89-W-STP
						* 5-CS-54-STP*

010900	PRZ-2-N4B	B-D	UT	UTI024	C - -	03/09/04 - Reference Figure D-4.
	SAFETY NOZZLE	B3.110				79% coverage due to nozzle weld configuration.
						CSCL-56, CS-54
						**
						**
						3-CSCL-56-STP
						5-CS-54-STP

011000	PRZ-2-N4C	B-D	UT	UTI024	C - -	03/09/04 - Reference Figure D-4.
	SAFETY NOZZLE	E3.110				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)

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	II CATEGORY	EXAM METHOD	PROCEDURE	N O R E E C M R	G E O M E T R Y	O T H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
		ITEM NO	RISK RANK						
NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)									
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UT1016		C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-8A508-CL2-CSCL-42-STP* **
011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UT1016		C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-8A508-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	PRZ-2-2A,2B SUPPORT BRACKET	B-E 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. ** ** ** ** **

DATE: 07/13/04
REVISION: 0

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

PAGE: 3

ESSURIZER

ESSURIZER

		ASME SEC			REMARKS		
		XI CATEGORY			N	O	*CALIBRATION BLOCK*
		ITEM NO			O	G	*APP VIII SUPP*
		RISK RANK	EXAM		R	E	*DEGRADATION MECH*
SUMMARY	EXAMINATION AREA				E	O	*CAL BLOCK ID 1*
NUMBER	IDENTIFICATION		METHOD	PROCEDURE	C	M	*CAL BLOCK ID 2*
INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B	B-H	PT	ZA0012	C	-	03/09/04 - Reference Figure D-5.
	SUPPORT BRACKET	B8.20					PT used in lieu of MT due to
							limited access for MT yoke. 70%
							coverage due to proximity of
							support frame.
							**
							**
							**
							**
							**
							**

012520	3	B-H	PT	ZA0012	-	-	03/09/04 - Reference Figure D-5.
	SEISMIC LUG	B8.20					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	B-H	PT	ZA0012	C	-	04/11/04 - Reference Figure D-5.
	SEISMIC LUG	B8.20					PT used in lieu of MT due to
							limited access for MT yoke.
							**
							**
							**
							**
							**

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS		
SUMMARY	EXAMINATION AREA	ASME SEC	EXAM	PROCEDURE	N	O	*CALIBRATION BLOCK*
NUMBER	IDENTIFICATION	XI CATEGORY	METHOD		O	G	*APP VIII SUPP*
		ITEM NO			R	E	*DEGRADATION MECH*
		RISK RANK			E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
12-RC-2125-BB1 (REF. DWG. NO. A-RC-9)							
102300	8	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO PIPE	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102340	12	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.3					*SS-21*
		HIGH					*S2*
							TASCS - TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102350	13	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.3					*SS-21*
		HIGH					*S2*
							TASCS - TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102360	14	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO BRANCH	1R1.11.2					*SS-21*
	CONNECTION	HIGH					*S2*
							TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M
12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)					*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*	
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 experience 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)

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM				ASME SEC			REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGORY	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	*CALIBRATION BLOCK*	
		ITEM NO RISK RANK						*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 experience 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 experience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **	

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	*CALIBRATION BLOCK*
		XI CATEGORY						*APP VIII SUPP*
		ITEM NO						*DEGRADATION MECH*
		RISK RANK						*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 experience 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 E7.50	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)

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REMARKS			
CALIBRATION BLOCK			
APP VIII SUPP			
DEGRADATION MECH			
CAL BLOCK ID 1			
CAL BLOCK ID 2			

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	O T H E R
6-RC-2015-NSS (REF. DWG. NO. A-RC-7)							
104415	PRZ-2-N4A-8E 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 experience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **		

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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CLASS 1 CABZ STATUS COMPONENTS

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AFETY INJECTION SYSTEM

		ASME SEC					*CALIBRATION BLOCK*
		XI CATEGORY					*APP VIII SUPP*
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	*DEGRADATION MECH*
							CAL BLOCK ID 1
							CAL BLOCK ID 2
12-SI-2315-BE1 (REF. DWG. NO. A-SI-2)							
30700	9	R-A-1	UT	UT1-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO VALVE	1R2.11.5					*SS-21*
		MEDIUM					*S2*
							TT - IGSCC
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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CLASS 1 CABZ STATUS COMPONENTS

FACTOR COOLANT PUMP 2C

					REMARKS		
		ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB	B-G-2	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.
	SEAL HOUSING BOLTS	B7.60					**
							**
							**
							**
							**

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ALVES

								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E C	G T H E M R		*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*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) ** ** ** ** ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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ALVES

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	REMARKS
		XI CATEGORY ITEM NO RISK RANK					*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) ** ** ** ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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IN STEAM SYSTEM

SUMMARY		ASME SEC		N O G T		REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	ITEM NO	EXAM	R E H	*CALIBRATION BLOCK*
	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E O E	*APP VIII SUPP*
					C M R	*DEGRADATION MECH*
						CAL BLOCK ID 1
						CAL BLOCK ID 2
30-MS-2001-GA2 (REF. DWG. NO. B-MS-1, 2)						
551870	29PL1-29PL8	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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	C-C	MT	ZA0018	C - -	03/09/04 - Reference Figure D-5.
	PIPE LUGS	C3.20				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)						

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SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
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AIN STEAM SYSTEM

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

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STPEGS - INTERVAL 2 - WELDS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
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CLASS 2 CABZ STATUS COMPONENTS

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SAFETY INJECTION SYSTEM

ASME SEC					REMARKS		
XI CATEGORY					N	O	*CALIBRATION BLOCK*
ITEM NO					O	G	*APP VIII SUPP*
EXAM					R	E	*DEGRADATION MECH*
RISK RANK					E	O	*CAL BLOCK ID 1*
METHOD					C	M	*CAL BLOCK ID 2*
PROCEDURE							
16-SI-2201-UE2 (REF. DWG. NO. B-SI-4)							
05810	14PL1-14PL8	C-C	PT	ZA0012	C	-	03/09/04 - Reference Figure D-5.
PIPE LUGS							**
							**
							**
							**
							**

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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CLASS 2 CABZ STATUS COMPONENTS

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LOW HEAD SAFETY INJECTION PUMPS

HIGH PRESSURE SAFETY INJECTION PUMPS					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O T H E R	*CALIBRATION BLOCK*
		XI CATEGORY					*APP VIII SUPP*
		ITEM NO					*DEGRADATION MECH*
		RISK RANK					*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					**
							**
							**
							**
							**

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			O	G	T	*APP VIII SUPP*
		ITEM NO			R	E	H	*DEGRADATION MECH*
		RISK RANK			E	O	E	*CAL BLOCK ID 1*
					C	M	R	*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 SIAPLEH-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 |

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

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ACTOR COOLANT 1

ACTOR COOLANT 1					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C M	G T H E O R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK					*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. ** ** ** ** **

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY		ASME SEC			N	O	REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	EXAM		O	G	*CALIBRATION BLOCK*
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
							CAL BLOCK ID 2
1R122NSG201C (REF. DWG. NO.)							
118650	RSGC3C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. From above,
	RC REPL. S/G COL	F1.41					support is clockwise from 2C.
							**
							**
							**
							**
							**

118750	RSGC4C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. From above,
	RC REPL. S/G COL	F1.41					support is clockwise from 3C.
							**
							**
							**
							**
							**

118850	RSG11C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. Lower lateral
	RC REPL. S/G LOWER	F1.41					support.
							**
							**
							**
							**
							**

118950	RSG11C	F-A	VT-3	ZA0023	C	-	03/08/04 - RSG2C. Upper lateral
	RC REPL. S/G UPPER	F1.41					support.
							**
							**
							**
							**
							**

1R132NFP201B (REF. DWG. NO.)							

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
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CLASS 1 CABZ STATUS COMPONENTS

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FACTOR COOLANT 1

SUMMARY		ASME SEC				REMARKS		
NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G O M	T H E R	*CALIBRATION BLOCK*
								APP VIII SUPP
								DEGRADATION MECH
								CAL BLOCK ID 1
								CAL BLOCK ID 2
1R132NPP201B (REF. DWG. NO.)								
120200	RPC1B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support.
	RC PUMP COL	F1.41						**
								**
								**
								**
								**

1R132NPP101B (REF. DWG. NO.)								
120300	RPC2B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B.
	RC PUMP COL	F1.41						**
								**
								**
								**
								**

120400	RPC3B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from 2B.
	RC PUMP COL	F1.41						**
								**
								**
								**
								**

120500	RPR1B	F-A	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle.
	RC PUMP RODS	F1.41						**
								**
								**
								**
								**
								**

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CLASS 2 CABZ STATUS COMPONENTS

ENTAINMENT SPRAY 2

				REMARKS		
		ASME SEC		N	O	*CALIBRATION BLOCK*
		XI CATEGORY		N	G	*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM	R	E	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	E	O	*CAL BLOCK ID 1*
			PROCEDURE	C	M	*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.)

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.SIDUAL HEAT REMOVAL 2

		ASME SEC				REMARKS	
		XI CATEGORY				*CALIBRATION BLOCK*	
		ITEM NO				*APP VIII SUPP*	
		RISK RANK				*DEGRADATION MECH*	
						CAL BLOCK ID 1	
						CAL BLOCK ID 2	
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM				
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	C	M	R
8-RH-2205-KE2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-
	RR	F1.20A					**
							**
							**
							**
							**

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
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CLASS 2 CABZ STATUS COMPONENTS

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FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	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.)

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

					REMARKS		
					CALIBRATION BLOCK		
					APP VIII SUPP		
					DEGRADATION MECH		
					CAL BLOCK ID 1		
					CAL BLOCK ID 2		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E E C	O G T H E O M R	
16-SI-2101-UB2-P (REF. DWG. NO.)							
246100	SI-2101-HL5005 SH-V	F-A F1.20B	VT-3	ZA0023	C	-	- 03/08/04 - Examine when filled. ** ** ** ** **

12-SI-2101-UB2-AB (REF. DWG. NO.)							
249600	SI-2101-HL5013 RR	F-A F1.20A	VT-3	ZA0023	C	-	- ** ** ** ** **

249700	SI-2101-RR26 RR	F-A F1.20A	VT-3	ZA0023	C	-	- ** ** ** ** **

10-SI-2101-UB2-Y (REF. DWG. NO.)							
253300	SI-2101-RR23 RR	F-A F1.20A	VT-3	ZA0023	C	-	- ** ** ** ** **

6-SI-2106-DE2-B (REF. DWG. NO.)							

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FETY INJECTION 2

2-SI-2139-DB2-A-A1 (REF. DWG. NO.)

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

FETTY INSPECTION 2				REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	ITEM NO	EXAM	REMARKS
		XI CATEGORY	RISK RANK	METHOD	
					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-BF5001	F-A	VT-3	ZA0023	C - -
	GUIDE	F1.20D			**
					**
					**
					**
					**

2-SI-2139-DB2-C-A1 (REF. DWG. NO.)

278500	SI-2139-KF5003	F-A	VT-3	ZA0023	C - -
	GUIDE	F1.20D			**
					**
					**
					**
					**

2-SI-2139-DB2-D-A1 (REF. DWG. NO.)

278700	SI-2139-BF5005	F-A	VT-3	ZA0023	C - -	**
	GUIDE	Fl.20D				**
						**
						**
						**

278800	SI-2139-HF5006	F-1	VT-3	ZA0023	C - -
	GUIDE	F1.20D			**
					**
					**
					**
					**

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

ASME SEC XI CATEGORY				N O		REMARKS
EXAM ITEM NO				G T		*CALIBRATION BLOCK*
RISK RANK				R E		*APP VIII SUPP*
METHOD				E O		*DEGRADATION MECH*
PROCEDURE				C M		*CAL BLOCK ID 1*
				R		*CAL BLOCK ID 2*
SUMMARY	EXAMINATION AREA					
NUMBER	IDENTIFICATION					

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-EL5004	F-A	VT-3	ZA0023	C - -	
	GUIDE	F1.30D				**
						**
						**
						**
						**

6-AF-2079-WB3-H (REF. DWG. NO.)

305800	AF-2079-BL5005	F-A	VT-3	ZA0023	C - -	**
	GUIDE	F1.30D				**
						**
						**
						**

305900	AF-2079-KL5006	F-A	VT-3	ZA0023	C - -	
	GUIDE	F1.30D				**
						**
						**
						**
						**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

PAGE: 14

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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.)

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

COMPONENT COOLING 3					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	T
		ITEM NO			R	E	H
		RISK RANK			E	O	E
					C	M	R
24-CC-2102-WA3-F (REF. DWG. NO.)							
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-
	GUIDE	F1.30D					**
							**
							**
							**
							**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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AUXILIARY FEEDWATER 3

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

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

COMPONENT COOLING 3					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R M
		XI CATEGORY ITEM NO RISK RANK					
3R202NEX201A (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. ** ** ** ** **

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INSERVICE INSPECTION SUMMARY - 2RE10

SEEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C M	G T H E R	O E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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.)								

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	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. ** ** ** ** **

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 20

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T H O E M	REMARKS
		XI CATEGORY ITEM NO RISK RANK					*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	LCPIA 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. ** ** ** ** **

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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.ESEL LUBE OIL 3

		ASME SEC			N	O	REMARKS
		XI CATEGORY			O	G	*CALIBRATION BLOCK*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E	*APP VIII SUPP*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
						R	*CAL BLOCK ID 2*
3Q152MSA0134 (REF. DWG. NO.)							
434300	LU2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Lube Oil Pipe Support.
	LU PIPE SUPT	F1.43					Train 2A. Support is downstream of
							Lube Oil strainers, adjacent to
							engine(DG21).
							**
							**
							**
							**
							**

434400	LU3A	F-A	VT-3	ZA0023	C	-	03/08/04 - Lube Oil Pipe Support.
	LU PIPE SUPT	F1.43					Train 2A. Support is upstream of
							Lube Oil strainers, closest to Lube
							Oil circ pump.
							**
							**
							**
							**
							**

434900	LUF1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Lube Oil Filter 2A.
	LU FILTER	F1.43					Single base support..
							**
							**
							**
							**
							**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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.ESEL OIL 3

ESEL OIL 3					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			G	T	*APP VIII SUPP*	
		ITEM NO			E	H	*DEGRADATION MECH*	
		RISK RANK			E	E	*CAL BLOCK ID 1*	
					C	M	R	*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	I	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	I	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	I	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	I	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
R-A-I	1R2.20	I	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-I	1R2.20	I	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
 J. C. Younger

Date

6/14/2004

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 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 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Commissions

Tex 756

National Board, State, Province, and Endorsements

Date 7/20/20 04

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 6/20/04 ABS Group by R. A. Niemann, ANII Date 7/20/04
 Insurance Co.

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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

[illegible]

STPNOC by J. C. Younger Date 8-21-2008 ABS Group by R. A. Niemann, ANII Date 12-26-04
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 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 04/04/04, 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Tex 756
Commissions
National Board, State, Province, and Endorsements

Date 7/20/2004

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

[illegible]

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

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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/04

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 6/20/04 ABS Group by R. A. Niemann, ANII Date 7/20/04
 Insurance Co.

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.

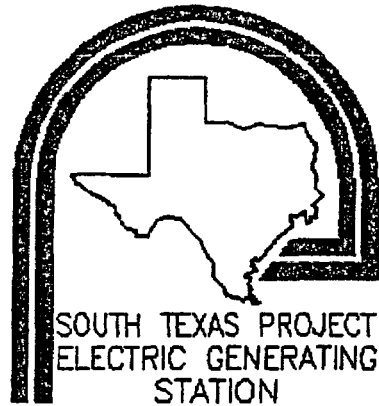
Date 8 JUL 2004 Signed STP Nuclear Operating Company By J. C. Younger
Owner

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 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann
Date 7/20/04 2004



**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
Consulting Engineer – Test Engineering Section

Date

Reviewed by: J E Stauber 7/13/04

J. E. Stauber
Consulting Engineer – Test Engineering Section

Date

Approved by: B. L. Jenewein 7/14/03

B. L. Jenewein
Supervisor – Test Engineering Section

Date

Handwritten initials and date: 8/10/04

**2RE10 Inservice Inspection Summary Report for
Welds and Component Supports
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 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).

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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 %

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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**.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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

LESSURIZER

SUMMARY		ASME SEC			REMARKS	
NUMBER	EXAMINATION AREA	XI CATEGORY	ITEM NO	EXAM	N O G T	*CALIBRATION BLOCK*
	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	R E H	*APP VIII SUPP*
					E O E	*DEGRADATION MECH*
					C M R	*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 B2.11	B-B	UT	UT1024	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	UT	UT1024	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	UT	UT1024	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	UT	UT1024	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)

PAGE: 2

INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 1 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	XI CATEGORY	EXAM METHOD	PROCEDURE	N O R E C M	G E O M E T R Y	T E S T I N G	REMARKS
		ITEM NO RISK RANK							
NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1)									
011500	PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UT1016		C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-8A508-CL2-CSCL-42-STP* **

011600	PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	UT	UT1016		C	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-8A508-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	PRZ-2-2A,2B SUPPORT BRACKET	B-E 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. ** ** ** ** **

DATE: 07/13/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 3

REVISION: 0

INSERVICE INSPECTION PLAN - 2R10

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

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

ESSURIZER

					REMARKS		
					CALIBRATION BLOCK		
					APP VIII SUPP		
					DEGRADATION MECH		
					CAL BLOCK ID 1		
					CAL BLOCK ID 2		
SUMMARY	EXAMINATION AREA	ASME SEC	EXAM	PROCEDURE	N	O	
NUMBER	IDENTIFICATION	XI CATEGORY	METHOD		O	G	T
		ITEM NO			R	E	H
		RISK RANK			E	O	E
					C	M	R
INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1)							
012440	PRZ-2-3A,3B	B-H	PT	ZA0012	C	-	-
	SUPPORT BRACKET	B8.20					
					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	B-H	PT	ZA0012	-	-	C
	SEISMIC LUG	B8.20					
					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	B-H	PT	ZA0012	C	-	-
	SEISMIC LUG	B8.20					
					04/11/04 - Reference Figure D-5.		
					PT used in lieu of MT due to		
					limited access for MT yoke.		
					**		
					**		
					**		
					**		
					**		
					**		

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS		
SUMMARY	EXAMINATION AREA	ASME SEC	EXAM	PROCEDURE	N	O	*CALIBRATION BLOCK*
NUMBER	IDENTIFICATION	XI CATEGORY	METHOD		O	G	*APP VIII SUPP*
		ITEM NO			R	E	*DEGRADATION MECH*
		RISK RANK			E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)							
100260	9	R-A-1	UT	UTI018	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20					38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM					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	R-A-1	UT	UTI018	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20					38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM					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	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

102260	4	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.2					*SS-21*
		HIGH					*S2*
							TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

DATE: 07/03/04
REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM				REMARKS		
SUMMARY	EXAMINATION AREA	ASME SEC XI CATEGORY	EXAM	PROCEDURE	N O R E E C	O G T H E M R
NUMBER	IDENTIFICATION	ITEM NO RISK RANK	METHOD			
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)

DATE: 07/03/04
REVISION: 0

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

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM		ASME SEC			N	O	REMARKS
SUMMARY	EXAMINATION AREA	XI CATEGORY	EXAM		O	G	*CALIBRATION BLOCK*
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
							CAL BLOCK ID 2
12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)							
103070	2	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.3					*SS-21*
		HIGH					*S2*
							TASCS - TT
							*12-140-1.125-SA376-GR316-SS-21-STP
							*
							PDI Alternate Calibration Block

103080	3	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.3					*SS-21*
		HIGH					*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	R-A-1	UT	UTI-PDI-UT2	C	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.1					*SS-11*
		HIGH					*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	MRP	VT-1	ZA0024	A	-	03/09/04 - This examination is
	PRESSURIZER SPRAY	039					being performed as a result of
	NOZZLE TO SAFE END	HIGH					recent operating experience 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)

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C M	O G E O M R	*CALIBRATION BLOCK*	
		XI CATEGORY					*APP VIII SUPP*	
		ITEM NO					*DEGRADATION MECH*	
		RISK RANK					*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 experience 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 experience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM					REMARKS				
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	XI CATEGORY	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	*CALIBRATION BLOCK*
		ITEM NO	RISK RANK						*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 experience 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)

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

FACTOR COOLANT SYSTEM

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

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

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SAFETY INJECTION SYSTEM

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

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STPEGS - INTERVAL 2 - WELDS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT PUMP 2C

EACTOR COOLANT PUMP 2C					REMARKS		
		ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM		R	E	*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	E	O	*CAL BLOCK ID 1*
					C	M	*CAL BLOCK ID 2*
PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB	B-G-2	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.
	SEAL HOUSING BOLTS	B7.60					**
							**
							**
							**
							**

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

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ALVES

		ASME SEC			N	O	REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGORY	EXAM METHOD	PROCEDURE	O	G	*CALIBRATION BLOCK*
		ITEM NO			R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
						R	*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) ** ** ** ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 1 CABZ STATUS COMPONENTS

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ALVES

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	O T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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) ** ** ** ** **

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STPEGS - INTERVAL 2 - WELDS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

IN STEAM SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R M	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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)								

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STPEGS - INTERVAL 2 - WELDS UNIT 2
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SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 2 CABZ STATUS COMPONENTS

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MAIN STEAM SYSTEM

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

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

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SAFETY INJECTION SYSTEM

		ASME SEC				REMARKS	
		XI CATEGORY				*CALIBRATION BLOCK*	
		ITEM NO				*APP VIII SUPP*	
		RISK RANK				*DEGRADATION MECH*	
						CAL BLOCK ID 1	
						CAL BLOCK ID 2	
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM	PROCEDURE	N	O	
NUMBER	IDENTIFICATION	RISK RANK	METHOD		O	G	T
					R	E	H
					E	O	E
					C	M	R
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					**
							**
							**
							**
							**

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

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HIGH HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY						*CALIBRATION BLOCK*
		ITEM NO						*APP VIII SUPP*
RISK RANK								*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						**
								**
								**
								**
								**

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INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 2 CABZ STATUS COMPONENTS

JW HEAD SAFETY INJECTION PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	G T H E E M	O P E N I N G	*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 SIAPLE-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 |

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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 CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	O G T H E R	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. ** ** ** ** **

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

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ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E C	O G T H E O E M	REMARKS
		XI CATEGORY ITEM NO RISK RANK					*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	RSSL1C 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.)

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

FACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	G T H E R	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. ** ** ** ** **

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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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	EXAM METHOD	PROCEDURE	N O T E S C M R	O T H E R C M R	REMARKS
		XI CATEGORY					ITEM NO

1R132NPP101B (REF. DWG. NO.)

120600	RPR2B	F-A	VT-3	ZA0023	C - -	03/08/04 - RCP2B. From above,
	RC PUMP RODS	F1.41				support is clockwise from 1B.
						**
						**
						**
						**
						**

120700	RPR3B	F-A	VT-3	ZA0023	C - -	03/08/04 - RCP2B. From above,
	RC PUMP RODS	F1.41				support is counterclockwise from
						discharge nozzle.
						**
						**
						**
						**
						**

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RP)
CLASS 2 CABZ STATUS COMPONENTS

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MAINTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	ITEM NO	EXAM METHOD	PROCEDURE	N O R E E O M	O G T E E E M R	REMARKS
		RISK RANK						*CALIBRATION BLOCK*

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.)

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

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MAINTAINMENT SPRAY 2

					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC			N	O	*CALIBRATION BLOCK*
		II CATEGORY			O	G	*APP VIII SUPP*
		ITEM NO	EXAM		R	E	*DEGRADATION MECH*
		RISK RANK	METHOD		E	O	*CAL BLOCK ID 1*
				PROCEDURE	C	M	*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					**
							**
							**
							**
							**

DATE: 07/03/04
REVISION: 0

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

PAGE: 7

.SIDUAL HEAT REMOVAL 2

ASME SEC					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*
					O	G	T
					R	E	H
					E	O	E
					C	M	R
8-RH-2205-KE2-C (REF. DWG. NO.)							
237400	RH-2205-RR05	F-A	VT-3	ZA0023	C	-	-
	RR	F1.20A					**
							**
							**
							**
							**

REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 8

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SAFETY INJECTION 2

SAFETY INJECTION 2				REMARKS	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC		N	O
		XI CATEGORY		G	T
		ITEM NO	EXAM	R	E
		RISK RANK	METHOD	E	O
			PROCEDURE	C	R
					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-BL5022	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				**
						**
						**
						**
						**

DATE: 07/03/04
REVISION: 0

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

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LEFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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.)

REVISION: 0

CLASS 2 CABZ STATUS COMPONENTS

PAGE: 10

FETY INJECTION 2

6-SI-2106-DB2-B (REF. DWG. NO.)

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CLASS 2 CABZ STATUS COMPONENTS

REMARKS

USE WEEK 10 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C G T H E M R	*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 RR	F-A F1.20A	VT-3	ZA0023	C - -	** ** ** ** **

263400	SI-2106-SH10 SH-V	F-A F1.20B	VT-3	ZA0023	C - -	03/08/04 - Examine when filled. ** ** ** ** **

6-SI-2106-DB2-C (REF. DWG. NO.)						
263700	SI-2106-RH08 RR	F-A F1.20A	VT-3	ZA0023	C - -	** ** ** ** **

263800	SI-2106-RR09 RR	F-A F1.20A	VT-3	ZA0023	C - -	** ** ** ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-	** ** ** ** **
--------	-------------------------	---------------	------	--------	---	---	---	----------------------------

6-AF-2079-WB3-G (REF. DWG. NO.)

305700	AF-2079-HL5004 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-	** ** ** ** **
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6-AF-2079-WB3-H (REF. DWG. NO.)

305800	AF-2079-HL5005 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-	** ** ** ** **
--------	-------------------------	---------------	------	--------	---	---	---	----------------------------

305900	AF-2079-HL5006 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-	** ** ** ** **
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DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	O G E O M	T H E R	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.)

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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COMPONENT COOLING 3

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

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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AUXILIARY FEEDWATER 3

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

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O G T R E H E O E C M R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
3R202NEX201A (REF. DWG. NO.)						
428600	CCK1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C - -	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **

428700	CCK2A 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. ** ** ** ** **

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SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

ESEL JACKET WATER 3					REMARKS		
		ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	*APP VIII SUPP*
		ITEM NO	EXAM		R	E	*DEGRADATION MECH*
SUMMARY	EXAMINATION AREA	RISK RANK	METHOD	PROCEDURE	E	O	*CAL BLOCK ID 1*
NUMBER	IDENTIFICATION				C	M	*CAL BLOCK ID 2*
3Q152MHT0134 (REF. DWG. NO.)							
430600	JWH1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is closest to JW circ pump.
							**
							**
							**
							**
							**

430700	JWH2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is farthest from JW circ pump.
							**
							**
							**
							**
							**

3Q152MHX0134 (REF. DWG. NO.)							
431200	JHX1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is closest to engine(DG21).
							**
							**
							**
							**
							**

431300	JHX2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is farthest from engine(DG21).
							**
							**
							**
							**
							**

3Q152MSA0134 (REF. DWG. NO.)							

REVISION: 0

CLASS 3 CABZ STATUS COMPONENTS

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ESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E O C	G E H E M R	REMARKS
		XI CATEGORY ITEM NO RISK RANK					*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	LCF1A 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	LUIA 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 OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	O T H E R	REMARKS
		II CATEGORY ITEM NO RISK RANK						*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	I	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	I	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	I	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	I	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	I	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	I	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 6/20/04 ABS Group by R. A. Niemann, ANII Date 7/20/04
 Insurance Co.

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 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 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Commissions

Tex 756

National Board, State, Province, and Endorsements

Date 7/20/2004

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

[illegible]

STPNOC by JC Younger Date 8/2/2014 ABS Group by R. A. Niemann, ANII Date 8/20/14
J. C. Younger Insurance Co.

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.

Robert Niemann Commissions
Inspector's Signature
Robert Niemann

Tex 756
National Board, State, Province, and Endorsements

Date 7/20/2004

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

[illegible]

STPNOC by J. C. Younger Date 8/1/2004 ABS Group by R. A. Niemann, ANII Date 12/6/04
Insurance Co. _____

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 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 04/04/04, 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Commissions Tex 756
National Board, State, Province, and Endorsements

Date 7/20/2004

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 8/26 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/04

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 8/20/04 ABS Group by R. A. Niemann, ANII Date 7/20/04
Insurance Co.

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.

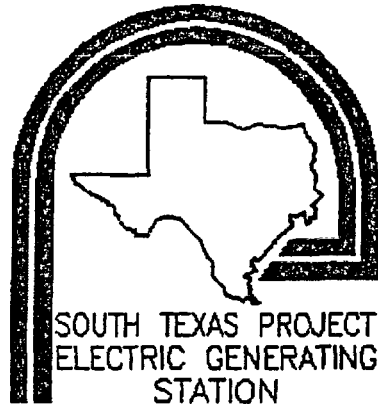
Date 8 JUL 2004 Signed STP Nuclear Operating Company By J.C. Younger
Owner

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 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann
Date 7/20/04 2004



**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: B. L. Jenewein 7/14/03
B. L. Jenewein Date
Supervisor - Test Engineering Section

Handwritten signature/initials

**2RE10 Inservice Inspection Summary Report for
Welds and Component Supports
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 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).

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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 %

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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**.

2RE10 Inservice Inspection Summary Report for Welds and Component Supports

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 ANIL, 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

PAGE: 1

INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 1 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G E O M	T H E M R	
		XI CATEGORY ITEM NO RISK RANK						
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)

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 2

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

LESSURIZER

LESSURIZER

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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. ** ** ** ** ** **

DATE: 07/13/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 3

REVISION: 0

INSERVICE INSPECTION PLAN - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ESSURIZER

								REMARKS
					N		O	*CALIBRATION BLOCK*
					O	G	T	*APP VIII SUPP*
					R	E	H	*DEGRADATION MECH*
					E	O	E	*CAL BLOCK ID 1*
					C	M	R	*CAL BLOCK ID 2*
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE				
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 SEISMIC 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 SEISMIC 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. ** ** ** ** **

DATE: 07/03/04
REVISION: 0

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

PAGE: 4

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*APP VIII SUPP*
31-RC-2202-NSS - LOOP 2 (REF. DWG. NO. A-RC-2)								
100260	9	R-A-1	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20						38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM						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	R-A-1	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1.
	ELBOW TO REACTOR	1R2.20						38% coverage due to cast SS weld
	COOLANT PUMP	MEDIUM						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	R-A-1	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.2						*SS-21*
		HIGH						*S2*
								TT
								12-140-1.125-SA376-GR316-SS-21-STP
								*
								PDI Alternate Calibration Block
102260	4	R-A-1	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.2						*SS-21*
		HIGH						*S2*
								TT
								12-140-1.125-SA376-GR316-SS-21-STP
								*
								PDI Alternate Calibration Block

PAGE: 5

INSERVICE INSPECTION SUMMARY - 28E10

CLASS 1 CABZ STATUS COMPONENTS

REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM		ASME SEC XI CATEGORY	EXAM METHOD	PROCEDURE	N O R E C	G T H E M R	REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ITEM NO RISK RANK					*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)

DATE: 07/03/04
REVISION: 0

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

PAGE: 6

REACTOR COOLANT SYSTEM

SUMMARY		EXAMINATION AREA	ASME SEC	XI CATEGORY	ITEM NO	EXAM	PROCEDURE	N O R E C	O G T H E M	REMARKS
NUMBER		IDENTIFICATION	RISK RANK							*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 experience 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)

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STEPS - INTERVAL 2 - WELDS UNIT 2
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REACTOR COOLANT SYSTEM

		ASME SEC				REMARKS	
		XI CATEGORY				*CALIBRATION BLOCK*	
		ITEM NO				*APP VIII SUPP*	
		RISK RANK				*DEGRADATION MECH*	
						CAL BLOCK ID 1	
						CAL BLOCK ID 2	
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION		EXAM METHOD	PROCEDURE	N O R E C	O G E O M	
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 experience 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 experience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **

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REACTOR COOLANT SYSTEM

REACTOR COOLANT SYSTEM								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	*CALIBRATION BLOCK*
		XI CATEGORY						*APP VIII SUPP*
		ITEM NO RISK RANK						*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 experience 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) ** ** ** ** **

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REACTOR COOLANT SYSTEM

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

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CLASS 1 CABZ STATUS COMPONENTS

SAFETY INJECTION SYSTEM

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

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CLASS 1 CABZ STATUS COMPONENTS

FACTOR COOLANT PUMP 2C

REACTOR COOLANT PUMP 2C					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC			N	O	*CALIBRATION BLOCK*
		XI CATEGORY			O	G	*APP VIII SUPP*
		ITEM NO	EXAM		R	E	*DEGRADATION MECH*
		RISK RANK	METHOD		E	O	*CAL BLOCK ID 1*
					C	M	R
PUMP BOLTING (REF. DWG. NO. A-RCP-1)							
260330	RCP-2C-SHB	B-G-2	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.
	SEAL HOUSING BOLTS	B7.60					**
							**
							**
							**
							**

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CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	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) ** ** ** ** **

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

CLASS 1 CABZ STATUS COMPONENTS

ALVES

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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) ** ** ** ** **

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CLASS 2 CABZ STATUS COMPONENTS

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MAIN STEAM SYSTEM

MAIN STEAM SYSTEM					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			O	G	T	*APP VIII SUPP*
		ITEM NO			R	E	H	*DEGRADATION MECH*
		RISK RANK			E	O	E	*CAL BLOCK ID 1*
					C	M	R	*CAL BLOCK ID 2*
<hr/>								
30-MS-2004-GA2 (REF. DWG. NO. B-MS-7, 8)								
558925	28PL1-28PL8	C-C	MT	ZA0018	C	-	03/09/04 - Reference Figure D-5.	
	PIPE LUGS	C3.20					54% coverage due to configuration	
							of the lugs and proximity of	
							permanent pipe support.	
							**	
							**	
							**	
							**	
							**	
							**	

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

CLASS 2 CABZ STATUS COMPONENTS

SAFETY INJECTION SYSTEM

		ASME SEC				N O		*CALIBRATION BLOCK*	
		XI CATEGORY				O G T		*APP VIII SUPP*	
		ITEM NO		EXAM		R E H		*DEGRADATION MECH*	
		RISK RANK		METHOD		E O E		*CAL BLOCK ID 1*	
				PROCEDURE		C M R		*CAL BLOCK ID 2*	
16-SI-2201-UB2 (REF. DWG. NO. B-SI-4)									
05810	14PL1-14PL8	C-C	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-5.	
	PIPE LUGS	C3.20						**	
								**	
								**	
								**	
								**	

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INSERVICE INSPECTION SUMMARY - 2RE10

CLASS 2 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C G E O M T H E M R	*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. ** ** ** ** **
<hr/>						
750125	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C - -	03/09/04 - Reference Figure D-9. ** ** ** ** **
<hr/>						
J135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	C - -	03/09/04 - Reference Figure D-9. ** ** ** ** **

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CLASS 2 CABZ STATUS COMPONENTS

IGH HEAD SAFETY INJECTION PUMPS

					N	O	*CALIBRATION BLOCK*	
					O	G	T	*APP VIII SUPP*
					R	E	H	*DEGRADATION MECH*
					E	O	E	*CAL BLOCK ID 1*
					C	M	R	*CAL BLOCK ID 2*
SUMMARY	EXAMINATION AREA	ASME SEC	EXAM					
NUMBER	IDENTIFICATION	XI CATEGORY	RISK RANK	METHOD	PROCEDURE			
PUMP 2A (REF. DWG. NO. B-HHSIP-1)								
51035	SIPHH-2A-PCW4	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
								**
								**
								**
								**
								**

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JW HEAD SAFETY INJECTION PUMPS

PUMP HEAD SAFETY INJECTION PUMPS					REMARKS			
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			G	T	*APP VIII SUPP*	
		ITEM NO			E	H	*DEGRADATION MECH*	
		RISK RANK			E	E	*CAL BLOCK ID 1*	
					C	M	R	*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

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CLASS 1 CABZ STATUS COMPONENTS

REMARKS

ONE BLOCK IS 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E O C	G E O M	T H E R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*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. ** ** ** ** **

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY		EXAMINATION AREA		ASME SEC	ITEM NO	EXAM	PROCEDURE	REMARKS		
NUMBER	IDENTIFICATION	RISK RANK	METHOD					N	O	
								G	T	*CALIBRATION BLOCK*
								R	E	*APP VIII SUPP*
								E	O	*DEGRADATION MECH*
								C	M	*CAL BLOCK ID 1*
										CAL BLOCK ID 2
1R122NSG201C (REF. DWG. NO.)										
118650	RSGC3C	F-A	VT-3	ZA0023	C	-	-	03/08/04	-	RSG2C. From above, support is clockwise from 2C.
	RC REPL. S/G COL	F1.41						**		
								**		
								**		
								**		
								**		

118750	RSGC4C	F-A	VT-3	ZA0023	C	-	-	03/08/04	-	RSG2C. From above, support is clockwise from 3C.
	RC REPL. S/G COL	F1.41						**		
								**		
								**		
								**		
								**		

118850	RSG11C	F-A	VT-3	ZA0023	C	-	-	03/08/04	-	RSG2C. Lower lateral support.
	RC REPL. S/G LOWER	F1.41						**		
								**		
								**		
								**		
								**		

118950	RSG11C	F-A	VT-3	ZA0023	C	-	-	03/08/04	-	RSG2C. Upper lateral support.
	RC REPL. S/G UPPER	F1.41						**		
								**		
								**		
								**		
								**		

1R132NPP201B (REF. DWG. NO.)										

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CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	R E H E R	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. ** ** ** ** ** **

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MAINTAINMENT SPRAY 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E O C	G T H E E M R	REMARKS
		II CATEGORY ITEM NO RISK RANK					

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.)

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INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 2 CABZ STATUS COMPONENTS

ENTAINMENT SPRAY 2

ENTAINMENT SPRAY 2					REMARKS		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	O G T H E C M R	*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 GUIDE	F-A F1.20D	VT-3	ZA0023	C	- -	** ** ** ** **

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INDIVIDUAL HEAT REMOVAL 2

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CLASS 2 CABZ STATUS COMPONENTS

SAFETY INJECTION 2

SAFETY INJECTION 2				REMARKS	
		ASME SEC		N	O
		XI CATEGORY		O	G
SUMMARY	EXAMINATION AREA	ITEM NO	EXAM	R	E
NUMBER	IDENTIFICATION	RISK RANK	METHOD	E	O
				C	M
			PROCEDURE	R	
					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-EL5018	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-EL5020	F-A	VT-3	ZA0023	C - -	
	RR	F1.20A				**
						**
						**
						**
						**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

SUMMARY		ASME SEC	EXAM	N O		REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	METHOD	R E	G T	*CALIBRATION BLOCK*
	IDENTIFICATION	ITEM NO		E O	H	*APP VIII SUPP*
		RISK RANK		E O	E	*DEGRADATION MECH*
				C M	R	*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.)						

REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

FETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G T H O E M	O T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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 SH-V	F-A F1.20B	VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled. ** ** ** ** **

12-SI-2101-UB2-AB (REF. DWG. NO.)								
249600	SI-2101-HL5013 RR	F-A F1.20A	VT-3	ZA0023	C	-	-	** ** ** ** **

249700	SI-2101-RR26 RR	F-A F1.20A	VT-3	ZA0023	C	-	-	** ** ** ** **

10-SI-2101-UB2-Y (REF. DWG. NO.)								
253300	SI-2101-RR23 RR	F-A F1.20A	VT-3	ZA0023	C	-	-	** ** ** ** **

6-SI-2106-DB2-B (REF. DWG. NO.)								

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INSERVICE INSPECTION SUMMARY - 2RE10

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SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

SUMMARY		EXAMINATION AREA	ASME SEC	EXAM	PROCEDURE	REMARKS	
NUMBER	IDENTIFICATION		XI CATEGORY	METHOD			
			ITEM NO				
			RISK RANK				
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	-	-
	SH-V	F1.20B					03/08/04 - Examine when filled.
							**
							**
							**
							**
							**

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.)

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

AFETY INJECTION 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C M	O G T H E E R	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 GUIDE	F-A F1.20D	VT-3	ZA0023	C	- -	** ** ** ** **

2-SI-2139-DB2-C-A1 (REF. DWG. NO.)							
278500	SI-2139-HF5003 GUIDE	F-A F1.20D	VT-3	ZA0023	C	- -	** ** ** ** **

2-SI-2139-DB2-D-A1 (REF. DWG. NO.)							
278700	SI-2139-HF5005 GUIDE	F-A F1.20D	VT-3	ZA0023	C	- -	** ** ** ** **

278800	SI-2139-HF5006 GUIDE	F-A F1.20D	VT-3	ZA0023	C	- -	** ** ** ** **

DATE: 07/03/04
REVISION: 0

STEPS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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AUXILIARY FEEDWATER 3

SUMMARY					REMARKS			
NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R	*CALIBRATION BLOCK*
		XI CATEGORY ITEM NO RISK RANK						*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						**
								**
								**
								**
								**
6-AF-2079-WB3-I (REF. DWG. NO.)								
305900	AF-2079-HL5006	F-A	VT-3	ZA0023	C	-	-	**
	GUIDE	F1.30D						**
								**
								**
								**
								**

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

					REMARKS		
					CALIBRATION BLOCK		
					APP VIII SUPP		
					DEGRADATION MECH		
					CAL BLOCK ID 1		
					CAL BLOCK ID 2		
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGORY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M E	O T H E R
24-CC-2101-WA3-C (REF. DWG. NO.)							
319900	CC-2101-HL5004 RR	F-A F1.30A	VT-3	ZA0023	C	-	-
						**	
						**	
						**	
						**	
						**	

24-CC-2102-WA3-B (REF. DWG. NO.)							
320500	CC-2102-HL5001 RR	F-A F1.30A	VT-3	ZA0023	C	-	-
						**	
						**	
						**	
						**	
						**	

24-CC-2102-WA3-C (REF. DWG. NO.)							
320700	CC-2102-GU04 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-
						**	
						**	
						**	
						**	
						**	

24-CC-2102-WA3-E (REF. DWG. NO.)							
320900	CC-2102-GU02 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-
						**	
						**	
						**	
						**	
						**	

24-CC-2102-WA3-F (REF. DWG. NO.)							

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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COMPONENT COOLING 3

		ASME SEC			N O			REMARKS
		XI CATEGORY			O G T			*CALIBRATION BLOCK*
		ITEM NO			R E H			*APP VIII SUPP*
SUMMARY	EXAMINATION AREA	EXAM			E O E			*DEGRADATION MECH*
NUMBER	IDENTIFICATION	RISK RANK	METHOD	PROCEDURE	C	M	R	*CAL BLOCK ID 1*
24-CC-2102-WA3-F (REF. DWG. NO.)								
321000	CC-2102-HL5002	F-A	VT-3	ZA0023	C	-	-	
	GUIDE	F1.30D						**
								**
								**
								**
								**

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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AUXILIARY FEEDWATER 3

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

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INSERVICE INSPECTION SUMMARY - 2RE10

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CLASS 3 CABZ STATUS COMPONENTS

COMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	O G E O M	T H E R M	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
3R202NHX201A (REF. DWG. NO.)								
428600	CCK1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** ** **

428700	CCK2A 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. ** ** ** ** **

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY		ASME SEC			N	O	REMARKS
NUMBER	EXAMINATION AREA	XI CATEGORY	EXAM		O	G	*CALIBRATION BLOCK*
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	R	E	*APP VIII SUPP*
		RISK RANK			E	O	*DEGRADATION MECH*
					C	M	*CAL BLOCK ID 1*
							CAL BLOCK ID 2
3Q152MET0134 (REF. DWG. NO.)							
430600	JWH1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is closest to JW circ pump.
							**
							**
							**
							**
							**

430700	JWH2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water Heater 2A.
	JW HEATER	F1.43					Support is farthest from JW circ pump.
							**
							**
							**
							**
							**

3Q152MEX0134 (REF. DWG. NO.)							
431200	JHX1A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is closest to engine(DG21).
							**
							**
							**
							**
							**

431300	JHX2A	F-A	VT-3	ZA0023	C	-	03/08/04 - Jacket Water HX 2A.
	JW HEAT EXCH	F1.43					Support is farthest from engine(DG21).
							**
							**
							**
							**
							**

3Q152MSA0134 (REF. DWG. NO.)							

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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E C	G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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. ** ** ** ** ** **

DATE: 07/03/04

REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

SEEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E C	O G E O M	T H E R	REMARKS
		XI CATEGORY ITEM NO RISK RANK						*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	LCPIA 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. ** ** ** ** **

DATE: 07/03/04
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STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

SEEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N O R E E O C	O G T H E R M	REMARKS
		XI CATEGORY ITEM NO RISK RANK					*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.. ** ** ** ** **

DATE: 07/03/04
REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2
INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)
CLASS 3 CABZ STATUS COMPONENTS

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ESEL OIL 3

				REMARKS				
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC	EXAM METHOD	PROCEDURE	N	O	*CALIBRATION BLOCK*	
		XI CATEGORY			O	G	T	*APP VIII SUPP*
		ITEM NO			R	E	H	*DEGRADATION MECH*
		RISK RANK			E	O	E	*CAL BLOCK ID 1*
					C	M	R	*CAL BLOCK ID 2*
<hr/>								
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	I	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-D	B3.110	I	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10
B-H	B8.20	I	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10
B-H	B8.20	I	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	I	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	I	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
 J. C. Younger

Date 6/14/04

ABS Group by R. A. Niemann
 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 A. 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 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.

Robert Niemann
Inspector's Signature
Robert Niemann

Tex 756
Commissions

National Board, State, Province, and Endorsements

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 6/20/04 ABS Group by R. A. Niemann, ANII Date 6/20/04
 Insurance Co.

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.

Robert Niemann
Inspector's Signature
Robert Niemann

Commissions Tex 756
National Board, State, Province, and Endorsements

Date 7/20/04

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

[illegible]

STPNOC by J. C. Younger Date 2-21-2004 ABS Group by R. A. Niemann, ANII Date 12-26-04
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 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 04/04/04, 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/2004

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

[illegible]

STPNOC by J. C. Younger Date 6 Jul 2008 ABS Group by R. A. Niemann, ANII Date 7/20/08
Insurance Co. _____

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 8/11/2004 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.

Robert Niemann 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 8/20/04

ABS Group by R. A. Niemann, ANII
 Insurance Co.

Date 8/20/04

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 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 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.

Robert Niemann Commissions Tex 756
Inspector's Signature National Board, State, Province, and Endorsements
Robert Niemann

Date 7/20/04