

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

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

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

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

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

There are no commitments in the attached report.

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

Michael J. Berg

Manager,

Testing/Programs Engineering

PLW

Enclosure:

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

cc: (paper copy)

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

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

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

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

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

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

*L. D. Blaylock City Public Service

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

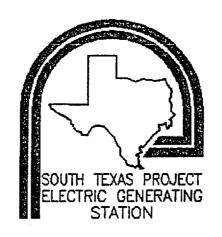
*R. L. Balcom Texas Genco, LP

*A. Ramirez City of Austin

*C. A. Johnson AEP Texas Central Company

*Jon C. Wood Matthews & Branscomb

^{*} One copy of the attachment is provided.



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:_	1 CM2	BJVLY 2004
	J. C. Younger Consulting Engineer – Test Engineering	Date
Reviewed by:	J E Staulier	7/13/04
	J. E. Stauber Consulting Engineer - Test Engineering	Date Section
Approved by:		7/14/03
	B. L. Jenewein Supervisor – Test Engineering Section	Date

Allelak

2RE10 Inservice Inspection Summary Report for Welds and Component Supports TABLE OF CONTENTS

			Page
1.0	INTRO	DUCTION	1
	1.1	Scope of Summary Report	1
2.0	WELD	S	2
	2.1	Scope of Examinations	2
	2.2	Summary of Examinations	2
	2.2.1	Examination Results and Corrective Actions	3
	2.2.2	Additional and Successive Examinations	3
	2.3	Certification of Inspections	4
3.0	COMP	ONENT SUPPORTS	5
	3.1	Scope of Examinations	5
	3.2	Summary of Examinations	5
	3.2.1	Examination Results and Corrective Actions	5
	3.2.2	Additional and Successive Examinations	5
	3.3	Certification of Inspections	5
API	PENDIX	A Welds Listing	
API	PENDIX	B Component Supports Listing	
APF	PENDIX	C ISI Limitations	
API	PENDIX	D NIS-1 Forms: Owner's Report for	Inservice Inspection

1.0 INTRODUCTION

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

- 1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (Ten Year ISI Plan).
- 2) Examination Plan for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

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

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

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (WELDS) and Class 1, 2, and 3 component supports (COMPONENT SUPPORTS). Each of these sections describes the scope of examinations performed; examination results, and corrective actions (if needed). The appendices of this report provide a listing of the Weld examinations (Appendix A), listing of Component Supports examinations (Appendix B), ISI limitations (Appendix C) and copies of the NIS-1 Forms: Owner's Report for Inservice Inspection (Appendix D).

2.0 WELDS

2.1 Scope of Examinations

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

2.2 Summary of Examinations

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

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

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the **Ten Year ISI Plan**. In those cases where physical conditions of the component restricted examination of the required area, the amount of coverage achieved was assessed. **Appendix C**, ISI Examination Limitations, contains a detailed account of examination limitations encountered prior to and during 2RE10 for components with less than 90% coverage.

All UT indications determined to be recordable, regardless of signal amplitude, were investigated to determine the nature of the reflector. Indications determined to be other than geometry were evaluated to ASME Section XI criteria. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

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

2.2.2 Additional and Successive Examinations

If examinations reveal indications that exceed allowable indication standards, additional examinations are required as prescribed in IWB-2430 and IWC-2430.

No additional examinations of Class 1 or Class 2 components (IWB/IWC-2430) were required prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 and the component qualifies as acceptable for continued service. No successive examinations (IWB-2420 or IWC-2420) will be scheduled as a result of examinations performed during this outage.

2.3 Certification of Inspections

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

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports as contained in the Examination Plan. Any deviations or changes were documented as Examination Plan Changes to the Examination Plan. A complete listing of the component supports and other pertinent information is contained in Appendix B.

3.2 Summary of Examinations

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

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

3.2.1 Examination Results and Corrective Actions

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

3.2.2 Additional and Successive Examinations

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

3.3 Certification of Inspections

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

APPENDIX A

WELDS LISTING

EXAMINATION RESULTS LEGEND

- Baseline Examination В
- Examination for Section XI Scheduling Credit
 Augmented Examination Complete
 Optional Examination Complete С
- Α
- Z

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 1

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

CESSURIZER

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

ETPEGS - INTERVAL 2 - WELDS UNIT 2 REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 2

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

CLASS 1 CABZ STATUS COMPONENTS

RIZER							REMARKS
	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	E	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
NOZZLE INSIDE RADIUS	SECTION (REE	. DWG. NO	. A-PRZ-1)				
PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTIO16	c	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** ** *IR-SA508-CL2-CSCL-42-STP* **
PRZ-2-N4C-IR SAFETY NOZZLE	B-D B3.120	or	UTIO16	c			03/09/04 - Reference Figure D-4. *CSCL-42* ** ** ** *IR-SA508-CL2-CSCL-42-STP* **
MANWAY BOLTING (REF.	DWG. NO. A-F	PRZ-1)					
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. N		1)				
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. ** ** ** ** **
	Y EXAMINATION AREA IDENTIFICATION NOZZLE INSIDE RADIUS PRZ-2-N4B-IR SAFETY NOZZLE PRZ-2-N4C-IR SAFETY NOZZLE MANWAY BOLTING (REF. PRZ-2-BOLTING	EXAMINATION AREA ITEM NO RISK RANK NOZZLE INSIDE RADIUS SECTION (REE PRZ-2-N4B-IR B-D SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-F PRZ-2-BOLTING B-G-2 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. N PZR-2-2A, 2B B-H	ASME SEC XI CATEGY XI CATEGOR XI	ASME SEC XI CATEGY I EXAMINATION AREA ITEM NO EXAM NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4B-IR SAFETY NOZZLE B3.120 PRZ-2-N4C-IR SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D WT UTIO16 SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2B B-H PT ZA0012	ASME SEC XI CATEGY XI EXAMINATION AREA ITEM MO EXAM REST FANK METHOD PROCEDURE C NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4B-IR B-D UT UTIO16 C SAFETY NOZZLE B3.120 PRZ-2-N4C-IR SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2E B-E PT ZA0012 C	ASME SEC XI CATEGY ITEM NO EXAM RETECT RESECTION RESECTION RESECTION RESECTION RESECTION RESECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4E-IR B-D UT UTIO16 C - SAFETY NOZZLE B3.120 PRZ-2-H4C-IR B-D UT UTIO16 C - SAFETY NOZZLE B3.120 PRZ-2-H4C-IR B-D UT UTIO16 C - SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C - B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2-A,2B B-E PT ZA0012 C -	ASME SEC

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

ES	ST	RΊ	ZER

ESSUR:	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R E C	N G	E	REMARKS *CALIBRATION BLOCK* *APF VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS	(REF. DWG.	NO. A-PRZ-	-1)				
012440	PRZ-2-3A, 3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	c	-	•	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** ** **
012520	3 SIESMIC LUG	В-Н В8.20	PT	ZA0012	-	-	c	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** **
012530	4 SIESMIC LUG		PT	ZA 0012	c	•		04/11/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGY ITEM NO RISK RANK	EXAM METROD	PROCEDURE	K	G O M	H	*APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LC	OOP 2 (REF. DWG	. NO. A-F	tC-2)				
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	c	•	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit siz *CSS-80* *89* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP **
	31-RC-2302-NSS - LC	OOP 3 (REF. DWG	. NO. A-R	:c-3)			. – 4	
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	דט	UTIO18	c		-	03/09/04 - Reference Figure D-1. 38% coverage due to cast 85 weld configuration and search unit siz *CSS-80* *89* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP **
	12-RC-2125-BB1 (REF	. DWG. NO. A-R	 :C-9)				. • •	
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	c	-	-	03/09/04 - Reference Figure D-1. *8S-21* *52* *TT* *12-140-1.125-SA376-GR316-SS-21-S * *PDI Alternate Calibration Block*
 102260	4	 R-A-1	 UT	UTI-PDI-UT2		 -		03/09/04 - Reference Figure D-1.
	PIPE TO ELBOW	1R1.11.2 HIGH						*SS-21* *S2* *TT* *12-140-1.125-8A376-GR316-SS-21-S

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 5

INSERVICE INSPECTION SUMMARY - 4RELV SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

ACTOR	COOLANT SYSTEM							REMARKS
SUMMARY NUMBER		ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G R O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REE	P. 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 lR1.11.3 HIGH	UT .	UTI-PDI-UT2	c			03/09/04 - Reference Figure D-1. *SS-21* *\$2* *TASCS - TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 lR1.11.2 HIGH	UT	UTI-PDI-UT2	c	·	-	03/09/04 - Reference Figure D-1. *SS-21* *\$2* *TT* *12-140-1.125-SA376-GR316-SS-21-STP * *PDI Alternate Calibration Block*

12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 6

INSERVICE INSPECTION SUMMARY - 2.....
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF) REVISION: 0

LACTOR	COOLANT SYSTEM							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM MRTHOD	PROCEDURE	E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (RRF	DWG. NO. A-	RC-11)					
103070	2 PIPE TO ELBOW	R-A-1 1R1.11.3 HIGH	or	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-R	 (C-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* *8-160906-8A376-GR316-8S-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF.	DWG. NO. A-R	.c-13)				· 	·
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 High	VT-1	ZA0024	λ	•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 7

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

	COOLANT	

LACTOR	COOLANT SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R E C		O H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF.	DWG. NO. A-R	C-6)					
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	*	•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Muclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *** ***
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-R	C-6)					
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	λ	•	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* **

.....

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 8

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

_iACTOR	COOLANT SYSTEM							REMARKS
Summary Number		ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE		G E O M		*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2009-NSS (REF.	DWG. NO. A-R	C-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-R	.c-6)					
104215	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 High	VT-1	ZA0024		•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 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) ** ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

L'ACTOR SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2015-NSS (REF.	DWG. NO. A-R	C-7)					
104415	PRZ-2-N4A-SE PRESSURIZER RELIEF NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	Α	•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC*

STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

AFETY SUMMARY NUMBER	INJECTION SYSTEM EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
230700	12-81-2315-BB1 (REF.	DWG. NO. A-R-A-1	·SI-2) UT	UTI-PDI-UT2	c		_	03/09/04 - Reference Figure D-1.
	PIPE TO VALVE	1R2.11.5 MEDIUM						*SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP

PDI Alternate Calibration Block

PAGE: 10

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 11

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 12

INSERVICE INSPECTION SUMMARY - 2Re10

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

CLASS 1 CABZ STATUS COMPONENTS

alves	ALVES	1.00m onc				_	REMARKS *CALIBRATION BLOCK*	
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	H E	*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	В	•	-	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	В		-	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	В	-	•	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER E-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	В	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 13

REVISION: 0 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 XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	g E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF	. DWG. NO.)						
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	2A0024	В	-	-	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	В	-		03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.IN ST	'EAM SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	n o r e c	G E O M	O H H R	*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	С	•	•	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	KT	ZA0018	c	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 15

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EAM SYSTEM EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	30-MS-2004-GA2 (REF.	DWG. NO. B-	MS-7, 8)					
558925	28PL1-28PL8 PIPE LUGS	C-C C3.20	MT	2A0018	C	-	-	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 16

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JNTAINMENT SPRAY PUMPS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	r B	G E O M	H E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. N	io. B-CSP-1)						
	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	c	•	-	03/09/04 - Reference Figure D-9. ** ** ** **
	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	c	-	-	03/09/04 - Reference Figure D-9. ** ** ** **
	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	Z A0012	c	-		03/09/04 - Reference Figure D-9. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.1GH HEAD SAFETY INJECTION PUMPS

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

......

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 19

REVISION: 0 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	MPS ASME SEC XI CATEGY ITEM NO EXAM RISK RANK METHOL	exam method	D PROCEDURE	N O R C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
======	PUMP 2A (REF. DWG. 1			#3.001.0				02/05/04 - 75/500000 - 71/0000 - 7.0
751320	SIAPLH-2A-PCW1	C-G	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9.
	PLANGE TO UPPER CASE	C6.10						**
								**
								**
								**
751335	SIAPLH-2A-PCW4	C-G	PT	ZA0012	С	-	- - -	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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 1

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (RE	F. 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 (RE	F. DWG. NO.)						
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	c	-	-	** ** ** **
<u>-</u>	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. ** ** ** **
				•				

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 2

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	N O R E C	G E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF.	DWG. NO.)						
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** **
	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	RSGLIC RC REPL. S/G LOWER		VT-3	ZA0023	c		•	03/08/04 - RSG2C. Lower lateral support. ** ** ** **
118950	RSGUIC RC REPL. S/G UPPER	F-A F1.41	VT-3	Z A0023	c	-	•	03/08/04 - RSG2C. Upper lateral support. ** ** ** **

1R132NPP201B (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 3

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

LACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF.	DWG. NO.)						
	RPC1B RC PUMP COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** **
	1R132NPP101B (REF.							:
120300	RPC2B RC PUMP COL	F-A F1.41	VT-3	ZA 0023	c	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** ** **
 L20 4 00	RPC3B RC PUMP COL	F-A F1.41	VT-3	ZA 0023	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 dischar
			ı					nozzle. ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	IDENTIFICATIO		EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
120600	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	С	-	-	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. ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 5

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (RI	F. 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 (RE CS-2302-RH04 RR	F-A F1.20A		ZA0023	c	-	 -	** ** ** **
	CS-2302-RR05 RR	F-A F1.20A	VT-3	ZA0023	c	-		**
								**

6-CS-2303-PE2-C (REF. DWG. NO.)

DATE: 07/03/04 REVISION: 0 ETPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 6

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

CLASS 2 CABZ STATUS COMPONENTS

NTAIN SUMMARY NUMBER	MENT SPRAY 2 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (RE	F. DWG. NO.)						
217300	CS-2303-HL5006 GUIDE	F-A F1.20D	VT-3	ZA0023	c	-	-	** ** **

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

SIDUAL HEAT REMOVAL 2

REMARKS

CALIBRATION BLOCK

APP VIII SUPP

DEGRADATION MECH

CAL BLOCK ID 1

CAL BLOCK ID 2 ASME SEC N O O T T E H E O E C M R XI CATEGY SUMMARY EXAMINATION AREA ITEM NO EXAM NUMBER IDENTIFICATION RISK RANK METHOD PROCEDURE

8-RH-2205-KB2-C (REF. DWG. NO.)

237400 RH-2205-RR05 VT-3 ZA0023 F-A C - -F1.20A RR

PAGE: 7

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 8

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY INJECTION 2

FETY	INJECTION 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H E	*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		VT-3	ZA0023	C	-	-	:
	RR	F1.20A						••
								**
								**
								**
	24-SI-2101-UB2-B	(REF. DWG. NO.						
244000	SI-2101-HL5018	F-A	VT-3	ZA0023	c	-	_	
	RR	F1.20A						••
								••
								**
								**
244100	SI-2101-HL5022	F-A	VT-3	ZA0023	C	-	•	
	RR	F1.20A						**
								**
								**
								**
	24-8I-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

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY	INJECTION 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC KI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G B O M	H	*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 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** ** **
244500	SI-2101-HL5025 RR	F-A F1.20A	VT-3	ZA0023	c	-		** ** ** **
244600	24-SI-2101-UB2-E SI-2101-HL5019 RR	(REF. DWG. NO. P-A F1.20A) VT-3	ZA0023	c	_		**
245600	16-SI-2101-UB2-AE SI-2101-HL5004 RR	(REF. DWG. NO. F-A F1.20A) VT-3	ZA0023	c	-	-	** ** ** **

16-SI-2101-UB2-P (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 10

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10 SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

.FETY	INJECTION 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	r B	E O	H	*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	-	-	** ** ** **
2 4 9700	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 (1	REF. DWG. NO.)				- -		

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 11

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

FETY 1	INJECTION 2							DENG PEG
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (RE	f. DWG. NO.)						
	SI-2106-RR12 RR	F-A F1.20A	VT-3	ZA0023	С	-	-	**
	SI-2106-SH10 SH-V	F-A F1.20B	VT-3	ZA0023	c			03/08/04 - Examine when filled. ** ** **
	6-SI-2106-DB2-C (RE	F. DWG. NO.)					- 	
	SI-2106-RH08 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **
		F-A F1.20A	VT-3	ZA0023	c			** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 12

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY	INJECTION 2							N.T. () N.T. ()
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	G E O M	H	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	С	-	•	** ** ** **
	2-8I-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	F-A	VT-3	ZA0023	С	_	-	•
	GUIDE	F1.20D						**
								••
								••
								••
								
278800	8I-2139-HF5006	F-A	VT-3	ZA0023	C	-	•	
	GUIDE	F1.20D						**
								**
								**
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

PAGE: 13

XILIX,	RY FEEDWATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (RE	F. DWG. NO.)						
303500	AF-2079-HL5003 GUIDE	F-A F1.30D	VT-3	ZA0023	c	-	-	** ** ** **
	6-AF-2079-WB3-G (RE	F. DWG. NO.)						
305700		F-A F1.30D	VT-3	ZA0023	c	-	-	** ** ** **
	6-AF-2079-WB3-H (RE	F. 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	<u>-</u>	- -	** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 14

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

MPONE	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	r e	G E O M	H	*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-RL5001	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.						
200000	CC-2102-GU02		-	P10033	_	_		
320900	GUIDE	F-A F1.30D	VT-3	ZA0023	С	-	•	**
	GOTDE	22.300						**
								**
								**
								**

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

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

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

AMPONENT COOLING 3

REMARKS

ASME SEC

XI CATEGY

SUMMARY EXAMINATION AREA ITEM NO EXAM

NUMBER IDENTIFICATION RISK RANK METHOD PROCEDURE

REMARKS

CALIBRATION BLOCK

APP VIII SUPP*

DEGRADATION MECH

B O E *CAL BLOCK ID 1*

CAL BLOCK ID 2

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

321000 CC-2102-HL5002 F-A VT-3 ZA0023 C - - GUIDE F1.30D

. .

**

PAGE: 15

DATE: 07/03/04 REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 16

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

CLASS 3 CABZ STATUS COMPONENTS

XILIA	RY FEEDWATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	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*
	3S142MPA03 (REF. D	WG. 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.
								**
								**
								**
								**
								**

DATE: 07/03/04 REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 17

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

MPONE	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	E	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (RE	F. DWG. NO.)						
428600	CCX1A	F-A	VT-3	ZA0023	c	-	-	03/08/04 - CCW HX 2A. Located on
	CC CLG ETX	F1.43						East end.
								**
								**
								**
				1				**
428700	= :	F-A	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at
	CC CLG HTX	F1.43						middle.
								**
								**
								**
								**
							- 	
	3R202NPA201A (RE	F. DWG. NO.)						
429500	CCP1A	F-A	VI-3	ZA0023	C	-	-	03/08/04 - CCW Pump 2A. Single base
	CC CLG PUMP	F1.43						support.
								**
								**
								**
								**
								·

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 18

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

ESEL J	ACKET WATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE		G E O M		*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (REF.	DWG. NO.)						
	JWHIA JW HEATER	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** **
	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.)						
	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	c	•	-	03/08/04 - Jacket Water EX 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). ** ** ** **

DATE: 07/03/04 REVISION: 0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 19

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	EXAMINATION AR IDENTIFICATION 3Q152MSA0134 (F	N RISK RANK	EXAM METHOD	PROCEDURE	N O R E	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
432100	JW1A JW PIPE SUPT	F-A P1.43	VT-3	ZA0023	С	-	-	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. ** ** **

ETPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 20

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.esel	LUBE OIL 3								REMARKS
Summary Number	EXAMINATION :		ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	E	G E O M	E	*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			F-A F1.43	VT-3	ZA0023	c	-		03/08/04 - Lube Oil HX 2A. Support is farthest from engine (DG21). ** ** ** **
	3Q152MPU0134	(REF.	DWG. NO.)						
433900	LCP1A LU CIRC PUMP		F-A F1.43	VT-3	ZA0023	С	-	•	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. ** ** ** ** **

DATE: 07/03/04 REVISION: 0 STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 21

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

_ESEL	LUBE	OIL	3
-------	------	-----	---

_ESEL	LUBE OIL 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R B C	E	K	*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 PILTER	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

PAGE: 22

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL (SUMMARY NUMBER			EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (RI	EF. DWG. NO.)						
436600	DOSTIA	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			
3-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10			
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10			
В-Н	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10			
в-н	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10			
R-A-I	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10			
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10			

		21	RE10 WELD E	ISI LIMI' XAMINATION			– UNIT 2	
ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.		Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outag
c-c	C3.20	2	30-MS-2001-GA2	Pipe Lugs	N/A	54%	Limited MT coverage due	2RE1
C-C	C3.20	•	29PL1-29PL8 551870	Tipe Cago	IVA	34%	to configuration of the lugs and proximity of permanent pipe support.	ZKBI
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.	2RE1
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.	2REI
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.	2REI
C-G	C6.10	2	CIAPCS-2A PCWI 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2REI
C-G	C6.10	2	CIAPCS-2A PCW1 750120	Flange to Upper Case	N/A	74%	Limited PT due to proximity of floor penetration.	2REI

and the second s

- · · · ·

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.	OwnerSTP 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 4. Owner and Certificate of Authorization (if required) N.A.
	Commercial Service Date 06/19/89 6. National Board Number for Unit N.A.
	Components Inspected ASME Code Class 1 (IWB) Items

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 1 Piping	Bechtel(I)	N. A.	N. A.	N. A.
Danamiran	Westinghouse 00	2161	NT A	10
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 (ST	PNOC) is the licensed operator of the South T	exas Project Electric Generating	Station
STPNOC by Jen	Date EJELINA ABS GROUP STAN	Date	7/20/21
J. C. Younger	Insurance Co.	R. A. Niemann, ANII	70

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%.
- 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 A	uthorization No.(if	applicable) N.A.	Expiration Date	N.A	
Date 3JUL	20 04 Signed	STP Nuclear Operating	g Company	Ву	10apra
		Own			. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>03/09/04</u> to <u>04/12/04</u>, 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.

Inspector's Signature Robert Niemann

Commissions Tex 756

National Board, State, Province, and Endorsements

Date 7/20/20/24

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 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.
	Ebasco and			
Class 2 Piping	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
		ļ	· · · · · · · · · · · · · · · · · · ·	
	 			
-				
<u> </u>				
···- · · · · · · · · · · · · · · · · ·				
·				
	1			
				·
		1		
			`	
		1		
		1		

* STP Nuclear Operating Company (STPNOC	c) is the licensed operator of the South Texas	Project Electric Generating Station	,
STPNOC by JC 4 Date	al extract	tool	, אמכאל
STPNOC by <u>4 6 7 2 Date</u>	ABS Group by	Date	11011
J. C. Younger	Insurance Co. R	. A. Niemann, ANII	100

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/02/04</u> to <u>4/13/04</u>
- 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 states taken conform to the rules of ASM	•	ort are correct and the	examinations and	corrective measure
Certificate of Authorization No.(if	applicable) N.A.	_ Expiration Date	N.A.	<u> </u>
Date BJUL 2004 Signed	STP Nuclear Operat		Ву 🔏	C Kounger
	Ov	vner	/ J.	C Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/02/04</u> to <u>04/13/04</u>, 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.

Inspector's Signature
Robert Niemann

Commissions
Tex 756

National Board, State, Province, and Endorsements

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

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

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

		licensed operator of the South Tex		
STPNOC by	l Mar Date 8 M	ABS Group by Insurance Co.	TANIMO DA	-729/11
7 m. 1	. C. Younger	Insurance Co.	R. A. Niemann, ANII	THE THE

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/04/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A Expiration Date	N.A.
Date BJUL 20 6 Signed STP Nuclear Operating Company Owner	By Almger

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 <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston. TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/04/04</u>, 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.

Inspector's Signature
Robert Niemann

Tex 756
National Board, State, Province, and Endorsements

Date 7/20/20 124

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

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

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

* STP Nuclear Operating Company (ST)	PNOC) is the licensed operator of the South Texas Prefect Electric Generating Station	
	At not	1 .
	- And zue voca (State All ment)	20/
STPNOC by 1/1/2	Date 6 John ABS Group by 11/1/1/2012 Date	4194
/J. C. Xounger	Date 6 Juliand ABS Group by Date 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 taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measures
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	J. C.Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/12/04</u>, 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.

Inspector's Signature
Robert Niemann

Tex 756

National Board, State, Province, and Endorsements

Date 7/20/20/24

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

1.	OwnerSTP 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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
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.
Appurtenance	Ebasco and	Histarici Schai 140.	1 IOVINCE IVO.	Doard No.
Class 3 Piping	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.
Jokt 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 licen			
STPNOC by June Date & Jule	ARS Group	Allina Gat	-7/20/
J. C. Kounger	Insurance Co.	R. A. Niemann, ANII	704

FORM NIS-1 (Back)

- 8. Examination Dates <u>3/31/04</u> to <u>4/11/04</u>
- 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
- 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.

Interval.

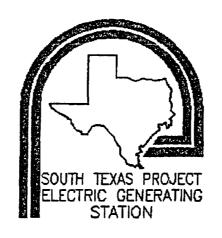
We certify that the statements made in this report are correct an taken conform to the rules of ASME Code, Section XI.	d the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A. Expiration Dat	e <u> </u>
Date 9JUL 20 4 Signed STP Nuclear Operating Company Owner	By ACY J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>03/31/04</u> to <u>04/11/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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



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:_	1 CM2	BJULY 2004
	J. C. Younger Consulting Engineer – Test Engineering	Date Section
Reviewed by:	J E Staulies	7/13/04
	J. E. Stauber Consulting Engineer – Test Engineering	Date Section
Approved by:		7/14/03
	B. L. Jenewein Sunessisor – Test Engineering Section	Date

AND Inolos

2RE10 Inservice Inspection Summary Report for Welds and Component Supports TABLE OF CONTENTS

			Page
1.0	INTRO	DUCTION	1
	1.1	Scope of Summary Report	1
2.0	WELD	S	2
	2.1	Scope of Examinations	2
	2.2	Summary of Examinations	2
	2.2.1	Examination Results and Corrective Actions	3
	2.2.2	Additional and Successive Examinations	3
	2.3	Certification of Inspections	4
3.0	COMP	ONENT SUPPORTS	5
	3.1	Scope of Examinations	5
	3.2	Summary of Examinations	5
	3.2.1	Examination Results and Corrective Actions	5
	3.2.2	Additional and Successive Examinations	5
	3.3	Certification of Inspections	5
APP	PENDIX	A Welds Listing	·
APP	ENDIX	B Component Supports Listing	
APP	ENDIX	C ISI Limitations	
APP	ENDIX	D NIS-1 Forms: Owner's Report for In	service Inspectio

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 loCFR50.55a, 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:

- 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 (TWF)	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

- Baseline Examination В
- Examination for Section XI Scheduling Credit Augmented Examination Complete Optional Examination Complete С
- Α
- Z

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 1

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

.KESSURIZER

REMARKS *CALIBRATION BLOCK* ASME SEC G T E H O E M R *APP VIII SUPP* OREC XI CATEGY *DEGRADATION MECH* SUMMARY EXAMINATION AREA ITEM NO EXAM *CAL BLOCK ID 1* RISK RANK METHOD NUMBER IDENTIFICATION *CAL BLOCK ID 2* PROCEDURE CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1) UT UTIO24 010100 PRZ-2-C1 B-B 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* LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1) C - - 03/09/04 - Reference Figure D-10. 010300 PRZ-2-L1 B-B UT UTI024 SHELL A LONGITUDINAL B2.12 Examine 1 ft of weld adjacent to SEAM MELD 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 B-D UT UTI024 C - - 03/09/04 - Reference Figure D-4. B3.110 SAFETY NOZZLE 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. B3.110 SAFETY NOZZLE 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* *3-CSCL-56-STP* *5-CS-54-STP*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ZER							REMARKS
EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	E	E	H	*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)				
PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTIO16	c	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** ** *IR-SA508-CL2-CSCL-42-STP* **
		or	UTIO16	c	-		03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
MANWAY BOLTING (REF.	DWG. NO. A-P	 RZ-1)					
		VT-1	ZA0024	c	-	-	03/09/04 - Examined all manway bolting (1-16). ** ** ** **
INTEGRAL ATTACHMENTS	(REF. DWG. N	O. A-PRZ-	 1)			- 	
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. ** ** ** **
	EXAMINATION AREA IDENTIFICATION NOZZLE INSIDE RADIUS PRZ-2-N4B-IR SAFETY NOZZLE PRZ-2-N4C-IR SAFETY NOZZLE MANWAY BOLTING (REF. PRZ-2-BOLTING	EXAMINATION AREA ITEM NO IDENTIFICATION RISK RANK NOZZLE INSIDE RADIUS SECTION (REF PRZ-2-N4E-IR B-D SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-P PRZ-2-BOLTING B-G-2 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. N PZR-2-2A, 2B B-H	EXAMINATION AREA ITEM NO EXAM IDENTIFICATION RISK RANK METHOD NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO PRZ-2-N4B-IR B-D UT SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D UT SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-7) PZR-2-2A, 2B B-H PT	EXAMINATION AREA ITEM NO EXAM IDENTIFICATION RISK RANK METHOD PROCEDURE NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4E-IR B-D UT UTIO16 SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D UT UTIO16 SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 E7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-ZA, 2B B-H PT ZA0012	EXAMINATION AREA ITEM NO EXAM RETHOD PROCEDURE C NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4B-IR B-D UT UTIO16 C SAFETY NOZZLE B3.120 PRZ-2-N4C-IR B-D UT UTIO16 C SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-ZA, ZE B-H PT ZA0012 C	ASME SEC XI CATEGY EXAMINATION AREA IDENTIFICATION RISK RANK METHOD PROCEDURE NOZZLE INSIDE RADIUS SECTION (REF. DWG. NO. A-PRZ-1) PRZ-2-N4B-IR SAFETY NOZZLE B3.120 PRZ-2-N4C-IR SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C - B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) FZR-2-ZA, ZE B-H PT ZA0012 C -	ASME SEC

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 3

INSERVICE INSPECTION PLAN - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ESSUR:	IZER							Remarks
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	K	g E O M		*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
· · · · · · · · · · · · · · · · · · ·	INTEGRAL ATTACHMENTS	(REF. DWG.	NO. A-PRZ-	-1)				
012440	PRZ-2-3A, 3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	c	•	•	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** **
012520	3 SIESMIC LUG	В-Н В8.20	PT	Z A0012	 -	•	c	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 3 PT indications were found acceptable to ASME Section XI (Reference CR 04-5159). ** ** ** ** **
012530	4 SIESMIC LUG	B-H B8.20	PT	ZA0012	c	**		04/11/04 - Reference Figure D-S. PT used in lieu of MT due to limited access for MT yoke. ** ** ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 4

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

£actor	COOLANT	SYSTEM
--------	---------	--------

Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C			REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - L	OOP 2 (REF. D	G. NO. A-I	RC-2)				
100260	9 ELEOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	c	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit siz *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP **
	31-RC-2302-NSS - L	00P 3 (REF. D)	G. NO. A-I	RC-3)			- -	
100440	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	c	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit siz *CSS-80* *s9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP **
	12-RC-2125-BB1 (RE	F. DWG. NO. A-	 ·RC-9)			-		
102250	3 ELBOW TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	c	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-S * *PDI Alternate Calibration Block*
	4 PIPE TO ELBOW	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	c			03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-S * *PDI Alternate Calibration Block*

PAGE: 5

STPEGS - INTERVAL 2 - WELDS UNIT 2 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR	COOLANT	System

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	K	K	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2125-BB1 (REF.	DWG. NO. A-	RC-9)					
102300	8 PIPE TO PIPE	R-A-1 1R1.11.2 HIGH	UT	UTI-PDI-UT2	С	-	-	03/09/04 - Reference Figure D-1. +SS-21* +S2* +TT* +12-140-1.125-SA376-GR316-SS-21-STF +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 EIGH	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*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 6

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

CLASS 1 CABZ STATUS COMPONENTS

.ACTOR	COOLANT SYSTEM							Day's Bad
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E		ĸ	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-RC-2322-BB1 (REF.	DWG. NO. A-	RC-11)					
103070	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-GR316-8S-21-STP * *PDI Alternate Calibration Block*
 -	8-RC-2214-BB1 (REF.	DWG. NO. A-R	 (C-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* *8-160906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
· 	6-RC-2003-BB1 (REF.)	DWG. NO. A-R	.c-13)					
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	, A	-	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** ** *TT - PWSCC*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 7

for bare metal visual examinations.

** *PWSCC*

**

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 8

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
104120	6-RC-2009-NSS (REF.		•	P3 0024				03/07/04 ODWIONAL NE BYANTAN ETON
104130	FLANGE BOLTING (N2RCPSV3451)	B-G-2 B7.50	VT-1	ZA0024	2	-	-	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-R	.C-6)					
	PRZ-2-N4B-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	λ	•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC* ** **
104330	11FB FLANGE BOLTING (N2RCPSV3450)	B-G-2 B7.50	VT-1	ZA0024	Z	•	•	03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS NO BOLITING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177) ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 10

PDI Alternate Calibration Block

INSERVICE INSPECTION SUMMARY - 2RE10

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

AFETY SUMMARY NUMBER	INJECTION SYSTEM EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
230700	12-SI-2315-BE1 (REF. 9 PIPE TO VALVE	DWG. NO. A- R-A-1 1R2.11.5 MEDIUM	SI-2) UT	UTI-PDI-UT2	c	-	~	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT - IGSCC* *12-140-1.125-SA376-GR316-SS-21-STP *

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 11

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 12

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

alves								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	H	*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	В	-	-	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	В	-		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	В	-		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	В	•		03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAPETY VALVE. (REFERENCE WAN 222178) ** ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 13

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ALVES

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	K	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF.	. DWG. NO.)						·
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	В	-	-	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 PIG. NO. A-RC-6	B-M-2 (CD) B12.50	VT-3	ZA0024	В	-		03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REPERENCE WAN 222177) ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.IN ST	EAM SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	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*
	30-MS-2001-GA2 (REF.	DWG. NO. B-	MS-1, 2)				_	
551870	29PL1-29PL8 PIPE LUGS	C-C C3.20	MT	ZA0018	С	•	-	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	МТ	ZA0018	С	•	-	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	ZACO18	c	•	•	03/09/04 - Reference Figure D-5. 54% coverage due to configuration of the lugs and proximity of permanent pipe support. ** ** ** **

ETPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 15

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 16 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 17

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JNTAINMENT SPRAY PUMPS

Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R C	G C M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. N CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G	PT	ZA0012	c	-	-	03/09/04 - Reference Figure D-9. ** ** ** **
	CIAPCS-2A-PCW2 UPPER CASE TO LOWER CASE	C-G C6.10	PT	ZA0012	C	-	-	03/09/04 - Reference Figure D-9. ** ** ** **
	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	c	-	-	03/09/04 - Reference Figure D-9. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.1GH HEAD SAFETY INJECTION PUMPS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 19

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		EXAM METHOD		N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. 1	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 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	c	-		03/09/04 - Reference Figure D-9. ** ** ** **

APPENDIX B COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 1

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	M G	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPPLY *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (RE	F. 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 (RB	F. DWG. NO.)			· -			
	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	c	-	-	** ** **
	1R122NSG201C (REF.	DWG. NO.)	*****					
	RSGC1C . RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	С	-	•	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. ** ** ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 2

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R E C	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF.	DWG. NO.)						
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** **
118850		F-A F1.41	VT-3	ZA0023	c	-		03/08/04 - RSG2C. Lower lateral support. ** ** **
 118950	RSGUIC RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** **

1R132NPP201B (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 3

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

ACTOR	COOLANT 1							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE		G R O M	H	*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	P-A P1.41	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. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION A IDENTIFICATI		EXAM KETHOD	PROCEDURE	N O R E C	G E O M	O T H R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
120600	1R132NPP101B RPR2B RC PUMP RODS	(REF. DWG. NO.) F-A F1.41	VT-3	ZA0023	С	-	-	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 - RCP2E. From above, support is counterclockwise from discharge nozzle. ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 5

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

6-CS-2303-PB2-C (REF. DWG. NO.)

MIAIN	MENT SPRAY 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H E	*CALIBRATION BLOCK* *APP VIII SUPP*
	8-CS-2302-PB2-B (RE	F. DWG. NO.)						
214400	CS-2302-HL5002	F-A	VT-3	ZA0023	C	_	-	
	RR	F1.20A						**
								**
								**
								**
214500	CS-2302-HL5003		VT-3	ZA0023		·	 -	
		F1.20A						**
								**
								**
								**
	8-CS-2302-PB2-D (RE	P. DWG. NO.)						·
214700	CS-2302-RH04	F-A	VT-3	ZA0023	C	-	-	
	RR	F1.20A						**
								••
								**
								**
214800		r-x	VI-3	ZA0023	C	-	-	
	RR	F1.20A						**
		•						**
								**
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 6

INSERVICE INSPECTION SUMMARY - 2RE10

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

NTAIN SUMMARY NUMBER	MENT SPRAY 2 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (RE	F. DWG. NO.)						
217300	CS-2303-HL5006 GUIDE	F-A F1.20D	VT-3	ZA0023	c		•	** ** **

DATE:	07/03/04	
REVISI	ON:	0

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SIDUAL HEAT REMOVAL 2

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-RH-2205-KB2-C (RE	P. DWG. NO.)						

237400 RH-2205-RR05 F-A VT-3 ZA0023 RR F1.20A

PAGE: 7

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

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

PAGE: 8

CLASS 2 CABZ STATUS COMPONENTS

CLASS 2 CABZ STATUS COMPONENT

FETY	INJECTION	2
------	-----------	---

SUMMARY NUMBER	IDENTIFICATION	RISK RANK	EXAM METHOD	PROCEDURE	r E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
243900	24-SI-2101-UB2-A SI-2101-HL5026 RR	F-A F1.20A	VI-3	ZA0023	С	-	-	** ** ** **
	24-SI-2101-UB2-B	(REF. DWG. NO.	- <i>-</i>					
244000	SI-2101-HL5018 RR	F-A F1.20A	VT-3	ZA 0023	c	-	-	** ** ** **
244100	SI-2101-HL5022 RR	F-A F1.20A	VT-3	ZA0023	c		-	** ** ** **
	24-SI-2101-UB2-D	(REF. DWG. NO.))					
244300	SI-2101-HL5020 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 9

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY :	INJECTION 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R E	g e o m	H	*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 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **
244500	SI-2101-HL5025 RR	F-A F1.20A	VT-3	ZA0023	c		 -	**
	24-SI-2101-UB2-E	(REF. DWG. NO.						
244600	SI-2101-HL5019 RR	F-A F1.20A		EA0023	c	-	-	**
	16-SI-2101-UB2-AE	(REF. DWG. NO.)					
	SI-2101-HL5004 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **

16-SI-2101-UB2-P (REF. DWG. NO.)

DATE: 07/03/04 PAGE: 10 STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

REVISION: 0

FETY :	INJECTION 2							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	r	0	O T E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-8I-2101-UB2-P	(REF. DWG. NO.)					
246100	SI-2101-HL5005 SH-V	F-A F1.20B	VT-3	ZA0023	С	-	•	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	С	-	-	** ** **
249700	8I-2101-RR26 RR	F-A F1.20A	VT-3	ZA0023	С	-		** ** ** **
	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.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 11

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

FETY	INJECTION 2							DWG 256
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-8I-2106-DB2-B (RE	f. Dwg. No.)						·
263300	SI-2106-RR12 RR	F-A F1.20A	VT-3	ZA0023	С	-	-	** ** ** **
263400		F-A F1.20B		ZA0023	c	-		03/08/04 - Examine when filled. ** ** ** **
	6-SI-2106-DB2-C (RE							
263700	SI-2106-RH08 RR	F-A F1.20A	VT-3	ZA0023	C	-	-	** ** ** **
	SI-2106-RR09 RR	F-A F1.20A	 VT-3	ZA0023		-	***	** **

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 12

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY :	INJECTION 2							Athra have
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	R B	G R O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	2-8I-2139-DB2-A-A1	(REF. DWG. NO	.)					
278300	SI-2139-HF5001	F-A	VT-3	ZA0023	C	•	-	
	GUIDE	F1.20D						**
								**
								**
								**
	2-81-2139-DB2-C-A1	(REF. DWG. NO						
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	c	-	-	
	GUIDE	F1.20D						••
								**
								**
								**
	2-SI-2139-DB2-D-A1							
278700		F-A F1.20D	VT-3	ZA0023	С	•	-	**
	00150	,						**
								**
								**
					 c		· 	
2/8800	SI-2139-HP5006 GUIDE	F-A F1.20D	VT-3	ZA0023	C	•	•	**
								**
								**
								**
								
					•			

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 13

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

SUMMARY NUMBER	IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	Ħ	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
303500	8-AF-2079-WB3-F (RE AF-2079-HL5003 GUIDE	F. DWG. NO.) F-A F1.30D	VT-3	ZA0023	c	-	-	** ** ** **
	6-AF-2079-WB3-G (RE	F. DWG. NO.)						
305700	AF-2079-HL5004 GUIDE	F-A F1.30D	VT-3	ZA0023	С	-	-	** ** ** **
	6-AF-2079-WB3-H (RE	F. 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	-	-	**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

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

AMP ONE	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK		PROCEDURE	r E	G E O M	H	*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.)					
220700	:CC-2102-GU04	F-A		63.0003	_			
	GUIDE	F-A F1.30D	VI-3	ZAU023	U	•	-	**
								**
								**
								**
								**
	24-CC-2102-WA3-E	(REF. DWG. NO.						
320000	CC-2102-GU02	F-A	VT-3	ZA0023	c	_	_	
	GUIDE	F1.30D	41-3	2R0023	_	_	-	**
								**
								**
								**
								**
			. 					

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

AMPONENT COOLING 3

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

321000 CC-2102-HL5002 F-A VT-3 ZA0023 C - - GUIDE F1.30D

--

PAGE: 15

**

**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 16

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

XILIA SUMMARY NUMBER	RY FEEDWATER 3 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	38142MPA03 (REF. D	WG. NO.)						
427100	AFM1C AF MTR PUMP	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support.
								**
								**

DATE: 07/03/04

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

AMPONENT COOLING 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NEX201A (REF.	DWG. NO.)						
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	С	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023				03/08/04 - CCW HX 2A. Located at middle. ++ ++ ++ ++
	3R202NPA201A (REF.							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - CCW Pump 2A. Single base support. ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESET.	JACKET	WATER	3

SUMMARY NUMBER	JACKET WATER 3 EXAMINATION AS IDENTIFICATION		exam Method	PROCEDURE	N O R E C	G E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 ((REF. DWG. NO.)						
430600	JWH1A JW HEATER	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** **
430700	JWH2A JW HEATER	F-A F1.43	VT-3	ZA0023	c	-	•	03/08/04 - Jacket Water Heater 2A. Support is farthest from JW circ pump. ** ** ** ** **
	3Q152MHX0134 ((REF. DWG. NO.)					- 	
431200	JHK1A JW HEAT EXCH	F-A F1.43	VT-3	ZA 0023	c	-	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** **
431300	JHX2A JW HEAT BXCH	F-A F1.43	VT-3	ZA0023	c		-	03/08/04 - Jacket Water HX 2A. Support is farthest from engine(DG21). ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 19

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

SUMMARY NUMBER	JACKET WATER 3 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MSA0134 (REF	. DWG. NO.)						
432100	JWLA 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	JWSIA JW SIND PIPE	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Jacket Water Standpipe 2A. Single base support. ** ** ** **

DATE: 07/03/04 STPEGS - INTERVAL 2 - SUPPORTS UNIT 2 REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 20

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL	LUBE OIL 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136 (REF.	. DWG. NO.)						
433300	LHX1A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine (DG21). ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** **
	3Q152MPU0134 (REF.	DWG. NO.)	·					
433900	LCP1A LU CIRC PUMP	F-A F1.43	▼T-3	ZA0023	С	-	-	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. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 21

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

CLASS 3 CABZ STATUS COMPONENTS

LESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E 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 P1.43	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 ** ** **

ETPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 22

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL SUMMARY NUMBER		ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	Procedure	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
436600	3Q152MTF0137 (REF. DOST1A DO STG TANK	DWG. NO.) F-A F1.43	VT-3	ZA0023	С	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** **

APPENDIX C ISI LIMITATIONS

ISI LIMITATIONS 2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2										
ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage		
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10		
B-D	B3.110	1	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10		
В-Н	B8.20	1	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10		
в-н	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10		
R-A-I	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10		
R-A-I	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10		

.

		211	FIA WELD E	ISI LIMIT XAMINATION			IINIT 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	2RE10
C-C	C3.20	2	30-MS-2002-GA2 30PL1-30PL8 554245	Pipe Lugs	N/A	54%	pipe support. 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.	2REIO

and the second s

- . .

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 1 (IWB) Items

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 1 Piping	Bechtel(I)	N. A.	N. A.	N. A.
l				
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant				
Pump 2C	Westinghouse (M)	2-115E580G02	N.A.	47
Pressurizer Safety		3750404 00 0000	•••	
Valve PSV3450	Crosby(M)	N60491-00-0003	N.A.	622
Pressurizer Safety	0 1 00	37/0401 00 0004	N7 4	600
Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety	Constant O	3760401 00 0007	NT A	1104
Valve PSV3452	Crosby(M)	N60491-00-0007	N.A.	1124
}- 	 	<u> </u>		
	<u> </u>			
	 			
	 	-		

* STP Nuclear Operating Company (STF	PNOC) is the licensed operator of the South Texas Project Electric Generating Static	on ,
DAM	Date CJEAN ABS GROUP DATE	7/20/1
STPNOC by 1/6	Date_Date_Date_	NO JOH
J. C. Younger	Insurance Co. R. A. Niemann, ANII	/ -

FORM NIS-1 (Back)

- 8. Examination Dates 3/09/04 to 4/12/04
- 9. Inspection Period Identification: <u>Second Period (10/19/03 to 10/18/07)</u>
- 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%.
- 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.

Certificate of Authorization No.(if	applicable) <u>N.A.</u> Expiration Date	N.A.
Date 3 Jul 20 04 Signed	STP Nuclear Operating Company	By Mynn J. C. Younger
	Owner	J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston. TX</u> have inspected the components described in this Owner's Report during the period <u>03/09/04</u> to <u>04/12/04</u>, 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.

Inspector's Signature
Robert Niemann

Commissions
Tex 756

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

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 2 Piping	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		1		
Pump 2A	Pacific Pumps (M)	51710	N.A.	454
		 		ļ
		Ì		
				1
 				
	ĺ			
			1	
		7		
1				

* STP Nuclear Operating Company (STI	PNOC) is the licensed operator of the South Tex	cas Project Electric Generating Static	m ,
		, , , , , , , , , , , , , , , , , , ,	. /
STENIOCI // //	Date Blaze ABS Group by	Man Maria	1201 1
STPNOC by 40 /	Date to PABS Group by	Date_	-104
J. C. Younger	Insurance Co.	R. A. Niemann, ANII	

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/02/04</u> to <u>4/13/04</u>
- 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%.
- 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 taken conform to the rules of ASME Code, Section XI.	are correct and th	e examinations and	corrective measure
Certificate of Authorization No.(if applicable)N.A.	Expiration Date	N.A.	
Date BJUL 2004 Signed STP Nuclear Operation	g Company	ву 🔏	C Younger
Own	er	, \1	C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/02/04</u> to <u>04/13/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Commissions Tex 756
Inspector's Signature Robert Niemann

Inspector's Signature Robert Niemann

Inspector's Signature Robert Niemann

Page 2 of 2

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

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

		PNOC) is the licensed operator of the South Texas Project Electric Generating Station	/
STPNOC by	alma	Date & Miss ABS Group by Jan Date 129	1
	J. Q. Younger	Insurance Co. R. A. Niemann, ANII	- ',

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/04/04</u>
- 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 t	he 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 # Signed STP Nuclear Operating Company	By Alman
Owner	J. C. Yøunger

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 <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/04/04</u>, 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.

Inspector's Signature
Robert Niemann

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 2 Component Supports
	Comment on Manfacture Variable Control National

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

* STP Nuclear Operating Company (STPNOC) is the lie	censed operator of the South Texas Project Electric Generating	g Station
STPNOC by A Date & July	Zand ABS Group by	ate 720/21
J. C. Xounger	ABS Group by R. A. Niemann, ANII	7704

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/12/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A Expiration Date	N.A.
Date 311 2004 Signed STP Nuclear Operating Company	By J. C. Younger
Owner	J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston. TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/12/04</u>, 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.

Inspector's Signature National Bo

National Board, State, Province, and Endorsements

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

1.	OwnerSTP 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)
_	· · · · · · · · · · · · · · · · · · ·
٤.	Plant Unit 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 3 Component Supports

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	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.
Jokt 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 licens	ed operator of the South Te	exas Project Electric Generating S	tation
STPNOC by June Date & Jule	ARS Group to	A Min Date	-7/20/
J. C. Younger	Insurance Co.	R. A. Niemann, ANII	1 104

FORM NIS-1 (Back)

- 8. Examination Dates <u>3/31/04</u> to <u>4/11/04</u>
- 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 statement	•	are correct and the	examinations and	corrective measures
taken conform to the rules of ASME (Code, Section XI.			
Certificate of Authorization No.(if app	plicable)N.A	Expiration Date	N.A.	
Date BJUL 2004 Signed S			Ву 4	C. Younger
	Own	er	ე.	C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period 03/31/04 to 04/11/04, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

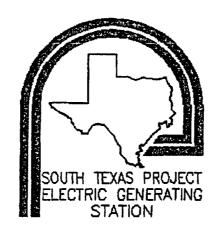
By signing this certificate neither the Inspector nor his employer makes any warranty, express or implied, concerning the examinations, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury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

Commissions Inspector's Signature

Tex 756

National Board, State, Province, and Endorsements

Robert Niemann



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

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION - UNIT 2

PROGRAMS

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:_	1 CM2	BJULY 2004	
	J. C. Younger Consulting Engineer – Test Engineering	Date Section	
Reviewed by:	J E Stanley	7/13/04	-
	J. E. Stauber Consulting Engineer – Test Engineering	Date Section	
Approved by:		7/14/03	
	B. L. Jenewein Supervisor - Test Engineering Section	Date	

ANITALION

2RE10 Inservice Inspection Summary Report for Welds and Component Supports TABLE OF CONTENTS

				<u>Page</u>
1.0	INTRO	DUCTION		1
	1.1	Scope of Summary Report		1
2.0	WELD	S		2
	2.1	Scope of Examinations		2
	2.2	Summary of Examinations		2
	2.2.1	Examination Results and Corn	rective Actions	3
	2.2.2	Additional and Successive Ex	aminations	3
	2.3	Certification of Inspections		4
3.0	COMP	ONENT SUPPORTS		5
	3.1	Scope of Examinations		5
	3.2	Summary of Examinations	,	5
	3.2.1	Examination Results and Corr	ective Actions	5
	3.2.2	Additional and Successive Ex	aminations	5
	3.3	Certification of Inspections		5
APP	ENDIX	A Welds Listing	· .	
APPENDIX B		B Component Su	pports Listing	
APPENDIX C		C ISI Limitations		
APP	ENDIX :	D NIS-1 Forms: (Owner's Report for In	service Inspection

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (STPEGS-2) Inservice Inspection (ISI) program was developed and is being implemented in accordance with locfrs 50.55a, the loss Edition of American Society of Mechanical Engineers (ASME) Section XI Code, and other regulatory and Code bases as specified in the following documents:

- 1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (Ten Year ISI Plan).
- 2) Examination Plan for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

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

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

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (WELDS) and Class 1, 2, and 3 component supports (COMPONENT SUPPORTS). Each of these sections describes the scope of examinations performed; examination results, and corrective actions (if needed). The appendices of this report provide a listing of the Weld examinations (Appendix A), listing of Component Supports examinations (Appendix B), ISI limitations (Appendix C) and copies of the NIS-1 Forms: Owner's Report for Inservice Inspection (Appendix D).

2.0 WELDS

2.1 Scope of Examinations

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

2.2 Summary of Examinations

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

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

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the Ten Year ISI Plan. In those cases where physical conditions of the component restricted examination of the required area, the amount of coverage achieved was assessed. Appendix C, ISI Examination Limitations, contains a detailed account of examination limitations encountered prior to and during 2RE10 for components with less than 90% coverage.

All UT indications determined to be recordable, regardless of signal amplitude, were investigated to determine the nature of the reflector. Indications determined to be other than geometry were evaluated to ASME Section XI criteria. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

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

2.2.2 Additional and Successive Examinations

If examinations reveal indications that exceed allowable indication standards, additional examinations are required as prescribed in IWB-2430 and IWC-2430.

No additional examinations of Class 1 or Class 2 components (IWB/IWC-2430) were required prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 and the component qualifies as acceptable for continued service. No successive examinations (IWB-2420 or IWC-2420) will be scheduled as a result of examinations performed during this outage.

2.3 Certification of Inspections

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

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports as contained in the Examination Plan. Any deviations or changes were documented as Examination Plan Changes to the Examination Plan. A complete listing of the component supports and other pertinent information is contained in Appendix B.

3.2 Summary of Examinations

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

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

3.2.1 Examination Results and Corrective Actions

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

3.2.2 Additional and Successive Examinations

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

3.3 Certification of Inspections

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

APPENDIX A

WELDS LISTING

EXAMINATION RESULTS LEGEND

- Baseline Examination В
- Examination for Section XI Scheduling Credit
 Augmented Examination Complete
 Optional Examination Complete C
- Α
- Z

DATE: 07/03/04 STPEGS - INTERVAL 2 - WELDS UNIT 2 PAGE: 1

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

LESSURIZER

.æssuri	IZER							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	CIRCUMFERENTIAL WELL	DS (REF. DWG.	NO. A-PR	z-1)				
010100	PRZ-2-C1 UPPER HEAD TO SHELL A	B-B . B2.11	טד	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	UTIO24	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 NOZ	ZLE WELDS	(REF. DWG. NO. A-	 -PRZ-1	 L}		
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	ur	UTI024	c			03/09/04 - Reference Figure D-4. 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* ** ** ** ** ** *5-CS-54-STP*

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

ESSUR	IZER							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	E	G E O M	E	*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	יט	UTIO16	С	•	-	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	UTIO16	c	-		03/09/04 - Reference Figure D-4. +CSCL-42* +* +* +IR-SA508-CL2-CSCL-42-STP* +*
	MANWAY BOLTING (REF.	DWG. NO. A-P	 RZ-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. N	O. 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 REVISION: 0

INSERVICE INSPECTION PLAN - 2RE10

PAGE: 3

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

CLASS 1 CABZ STATUS COMPONENTS

SIIR	

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 4

STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF) REVISION: 0

CLASS 1 CABZ STATUS COMPONENTS

LACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	BXAM	PROCEDURE	N O R E C	G E O M		REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	31-RC-2202-NSS - LC	DOP 2 (REF. D	WG. NO. A-I	RC-2)				
100260	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTIO18	С	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit siz *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
	31-RC-2302-NSS - LC	OOP 3 (REF. D	WG. NO. A-I			- - ·		
	9 ELBOW TO REACTOR COOLANT PUMP	R-A-1 1R2.20 MEDIUM	UT	UTI018	C	-	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast 85 weld configuration and search unit siz *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP
								**
	12-RC-2125-BB1 (REE	7. DWG. NO. A						
102250	·	7. DWG. NO. A R-A-1 1R1.11.2 HIGH	-RC-9) UT	UTI-PDI-UT2	c	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-S *PDI Alternate Calibration Block*

REVISION: 0

PAGE: 5 STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

ACTOR	COOLANT SYSTEM							REMARKS
Summary Number		ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	E	G E O M	H B	*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	טי	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	or	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 lR1.11.3 HIGH	TT	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*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 6

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

ACTOR	COOLANT SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	H	*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	טי	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	or	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-P			·	- - ·		
103360	• • • • • • • • • • • • • • • • • • • •	R-A-1 1R1.11.1 HIGH	UT	UTI-PDI-UT2	c	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF.	DWG. NO. A-R	:C-13)					
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024		-	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *TT - PWSCC* **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 7

INSERVICE INSPECTION SUMMARY - 2RE10

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

CACTOR	COOLANT	SYSTEM

ACTOR	COOLANT SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	N O R E C		O T H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF.	DWG. NO. A-R	.C-6)	*				
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 RIGH	VT-1	ZA0024	λ	•	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** ***
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-R	C-6)					
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	λ	-	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** ***

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 8

REMARKS

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

≟ACTOR COOLANT SYSTEM

CALIBRATION BLOCK ASME SEC NOREC *APP VIII SUPP* G XI CATEGY *DEGRADATION MECH*
CAL BLOCK ID 1
CAL BLOCK ID 2 SUMMARY EXAMINATION AREA ITEM NO EXAM NUMBER IDENTIFICATION RISK RANK METHOD PROCEDURE 6-RC-2009-NSS (REF. DWG. NO. A-RC-6) 104130 9FB B-G-2 VT-1 ZA0024 Z - - 03/07/04 - OPTIONAL VT EXAMINATION. NO BASELINE EXAMINATION REQUIRED AS B7.50 FLANGE BOLTING (N2RCP8V3451) NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222178) ** 6-RC-2012-NSS (REF. DWG. NO. A-RC-6) VT-1 ZA0024 104215 PRZ-2-N4B-SE MRP A - 03/09/04 - This examination isPRESSURIZER SAFETY 039 being performed as a result of HIGH recent operating exerience at the NOZZLE TO SAFE END Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program (MRP) letter MRP-2003-039 for bare metal visual examinations. ** *PWSCC* ** 104330 11FB B-G-2 VT-1 ZA0024 Z - - 03/07/04 - OPTIONAL VT EXAMINATION. B7.50 NO BASELINE EXAMINATION REQUIRED AS FLANGE BOLTING (N2RCPSV3450) NO BOLTING WAS REPLACED DURING INSTALLATION OF REPLACEMENT PRESSURIZER SAFETY VALVES. (REFERENCE WAN 222177)

**

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 10

PDI Alternate Calibration Block

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 11

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2 REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 12

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

ALVES		ASME SEC			N	G	0	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP*
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R E	E O M	H	*DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF.	DWG. NO.)						
261100	PSV 3452-VE ON FIG. NO. A-RC-6	B-G-2 (C) B7.70	VT-1	ZA0024	В	•	-	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	В	-	-	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	В	-	-	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	В	•	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 13

REVISION: 0 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 XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	M G E	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	VALVE GROUP 1 (REF.	. DWG. NO.)						
261200	PSV 3450-VB ON FIG. NO. A-RC-6	• •	VT-1	ZA0024	В	-	-	03/07/04 - THE BOLTING OF THE VALVE WHOSE INTERNAL SURFACES ARE EXAMINED UNDER B-W-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	В	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 14

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

CLASS 2 CABZ STATUS COMPONENTS

.IN ST	EAM SYSTEM							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E R	*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	мт	ZA0018	c	-	<u> </u>	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. ** ** ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 15

INSERVICE INSPECTION SUMMARY - 2RE10

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

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

PAGE: 16

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JNTAINMENT SPRAY PUMPS

SUMMARY NUMBER	MENT SPRAY PUMPS EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	R B	G E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. 1	10. 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. ** ** ** **
)135	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	c	-	 -	03/09/04 - Reference Figure D-9. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.1GH HEAD SAFETY INJECTION PUMPS

REMARKS

ASME SEC

XI CATEGY

SUMMARY EXAMINATION AREA

NO G T

APP VIII SUPP

R E H

DEGRADATION MECH

B O E

CAL BLOCK ID 1

CAL BLOCK ID 1

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 C5.10

**

**

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 19

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF) REVISION: 0

SUMMARY NUMBER	EXAMINATION AREA	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	g E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. 1	NO. B-LHSIP-1)					
	SIAPLH-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	•	-	03/09/04 - Reference Figure D-9. ** ** ** **
	SIAPLE-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA 0012	c		- -	03/09/04 - Reference Figure D-9. ** ** ** ** **

APPENDIX B COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2 INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 1

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR	COOLANT 1							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	r E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (RI	ef. Dwg. No.)	-					
108000	RC-2123-SH08 SH-V	F-A F1.10B	AL-3	ZA0023	c	-	•	03/08/04 - Examine when filled ** ** ** **
	4-RC-2123-BB1-H (RI	ef. Dwg. No.)			-			
108200	RC-2123-HL5011 RR	F-A F1.10A	VT-3	ZA0023	c	-	-	** ** **
	1R122NSG201C (REF.							
	RSGCIC RC REPL. S/G COL	P-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. Support is nearest RCP2C column support. ** ** **
	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. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	r E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF.	DWG. NO.)						
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** **
118750	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c		-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** **
118850		F-A F1.41	VT-3	ZA0023	c		-	03/08/04 - RSG2C. Lower lateral support. ** ** ** ** **
118950	RSGUIC RC REPL. S/G UPPER	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. Upper lateral support. ** ** ** **

1R132NPP201B (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 3

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 1 CABZ STATUS COMPONENTS

ACTOR	COOLANT	1

_ACTOR	COOLANT 1							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	E	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REF.	DWG. NO.)						
120200	RPC1B RC PUMP COL	P-A F1.41	VT-3	ZA0023	C	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** **
	1R132NPP101B (REF.	DWG. NO.)						3
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	RPRIB RC PUMP RODS	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 4

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	IDENTIFICATI		EXAM METHOD	PROCEDURE	N O R E C	G E O M	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RCP2B. From above, support is clockwise from 1B. ** ** **
	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	c	-	- - -	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle.

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 5

INSERVICE INSPECTION SUMMARY - 2RE1U
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

CLASS 2 CABZ STATUS COMPONENTS

6-CS-2303-PE2-C (REF. DWG. NO.)

MIAIN	MENT SPRAY 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
_	8-CS-2302-PB2-B (RE	F. DWG. NO.)						
214400	CS-2302-HL5002 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	**
214500	CS-2302-HL5003 RR	F-A F1.20A	VT-3	ZA0023	c	·		** ** **
	8-CS-2302-PB2-D (RE CS-2302-RH04	F-A	VT-3	ZA0023			 •	·
	E R	F1.20A						** ** ** **
214800	CS-2302-RR05 RR	F-A F1.20A	VT-3	ZA0023	с			**
						. 		

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 6

INSERVICE INSPECTION SUMMARY - 2RE10

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

ATAIN SUMMARY NUMBER	MENT SPRAY 2 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O THER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-CS-2303-PB2-C (RE	F. DWG. NO.)						
217300	CS-2303-HL5006 GUIDE	F-A F1.20D	VT-3	ZA0023	c	•	•	** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2 INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 7

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

SUMMARY	L HEAT REMOVAL 2 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	M G	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
237400	8-RE-2205-KE2-C (RE	F-A	VT-3	ZA0023	c	_	_	
	RR	F1.20A			•			**
								**
								**
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 8

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY	INJECTION 2							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*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 RR	F-A F1.20A	VT-3	ZA0023	С	-	-	** ** ** **
	24-SI-2101-UB2-B	(REF. DWG. NO.)					
244000	8I-2101-HL5018 RR	F-A F1.20A	VT-3	ZR0023	c	_	-	** ** ** **
244100	SI-2101-HL5022 RR	F-A F1.20A	VT-3	ZA0023	С	-	-	** ** ** **
	24-SI-2101-UB2-D	(REF. DWG. NO.)					
244300	SI-2101-HL5020 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	H	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	•						
	SI-2101-HL5004	F-A F1.20A	VT-3	ZA0023	C	-	-	•
	RR	FI.ZUA						**
					٠			**
								**
								**

16-SI-2101-UB2-P (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 10

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

INJECTION 2							REMARKS
EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	E	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
16-SI-2101-UB2-P	(REF. DWG. NO.)					
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.)		-		- 	•
SI-2101-HL5013 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **
SI-2101-RR26 RR	F-A F1.20A	VT-3	ZA0023	c	-		** ** ** **
10-SI-2101-UB2-Y	(REF. DWG. NO.)					
SI-2101-RR23 RR	F-A F1.20A	VT-3	ZA 0023	c	-	-	** ** ** **
	IDENTIFICATION 16-SI-2101-UB2-P SI-2101-HL5005 SH-V 12-SI-2101-UB2-AB SI-2101-HL5013 RR SI-2101-RR26 RR	EXAMINATION AREA ITEM NO IDENTIFICATION RISK RANK 16-SI-2101-UE2-P (REF. DWG. NO. SI-2101-HL5005 F-A F1.20B 12-SI-2101-UE2-AB (REF. DWG. NO. SI-2101-HL5013 F-A F1.20A SI-2101-RR26 F-A F1.20A SI-2101-RR26 F-A F1.20A	EXAMINATION AREA ITEM NO EXAM IDENTIFICATION RISK RANK METHOD 16-SI-2101-UE2-P (REF. DWG. NO.) SI-2101-HL5005 F-A VT-3 SH-V F1.20B 12-SI-2101-UE2-AB (REF. DWG. NO.) SI-2101-HL5013 F-A VT-3 RR F1.20A SI-2101-RR26 F-A VT-3 RR F1.20A	EXAMINATION AREA ITEM NO EXAM IDENTIFICATION RISK RANK METHOD PROCEDURE 16-SI-2101-UE2-P (REF. DWG. NO.) SI-2101-HL5005 F-A VT-3 ZA0023 SH-V F1.20E 12-SI-2101-UE2-AB (REF. DWG. NO.) SI-2101-HL5013 F-A VT-3 ZA0023 RR F1.20A SI-2101-RR26 F-A VT-3 ZA0023 RR F1.20A	ASME SEC XI CATEGY ITEM NO EXAM IDENTIFICATION RISK RANK METHOD PROCEDURE C 16-SI-2101-UE2-P (REF. DWG. NO.) SI-2101-HL5005 F-A VT-3 ZA0023 C SH-V F1.20B 12-SI-2101-UE2-AB (REF. DWG. NO.) SI-2101-HL5013 F-A VT-3 ZA0023 C RR F1.20A SI-2101-RR26 F-A VT-3 ZA0023 C IO-SI-2101-UE2-Y (REF. DWG. NO.) SI-2101-RR26 F-A VT-3 ZA0023 C SI-2101-RR26 F-A VT-3 ZA0023 C SI-2101-RR26 F-A VT-3 ZA0023 C	ASME SEC XI CATEGY EXAMINATION AREA IDENTIFICATION RISK RANK METHOD PROCEDURE C M 16-SI-2101-UE2-P (REF. DWG. NO.) SI-2101-HL5005 F-A VT-3 ZA0023 C - 12-SI-2101-UE2-AB (REF. DWG. NO.) SI-2101-HL5013 F-A VT-3 ZA0023 C - RR F1.20A SI-2101-RR26 F-A VT-3 ZA0023 C - 10-SI-2101-RR26 F-A VT-3 ZA0023 C - 10-SI-2101-RR26 F-A VT-3 ZA0023 C - SI-2101-RR26 F-A VT-3 ZA0023 C -	ASME SEC

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 11

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY :	INJECTION 2							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	M G	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (RE	F. DWG. NO.)	-					
263300	SI-2106-RR12 RR	F-A F1.20A	VT-3	ZA 0023	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 (RE	F. DWG. NO.)						
	SI-2106-RH08 RR	F-A F1.20A	VT-3	ZA 0023	c	-	•	** ** ** **
	SI-2106-RR09 RR	F-A F1.20A	VT-3	ZA0023	c			** ** ** **
	2-SI-2139-DB2-A-A1							

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 12

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

REVISION: 0

FETY 1	INJECTION 2							
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	R E	G E O M	H	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	.)					
	SI-2139-HF5001 GUIDE	F-A F1.20D	VT-3	ZA0023	С	•	-	**
	2-8I-2139-DB2-C-A1	(REF. DWG. NO	.)				· - -	•
	SI-2139-HF5003 GUIDE	F-A F1.20D	VT-3	ZA0023	c	-	-	**
	2-SI-2139-DB2-D-A1	(REF. DWG. NO					- -	
	SI-2139-NF5005 Guide	F-A F1.20D	VT-3	ZA0023	c	•	-	** ** ** **
	8I-2139-HF5006 GUIDE	F-A F1.20D	VT-3	ZA0023	c	-	-	** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 13

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

SECOND INTERVAL, OSCOND PERIOD, FIRST OUTAGE

CLASS 3 CABZ STATUS COMPONENTS

XILIARY FEEDWATER 3

XILIA	RY FEEDWATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-AF-2079-WB3-F (RE	F. DWG. NO.)						
303500	AF-2079-HL5003 GUIDE	F-A F1.30D	VT-3	ZA0023	c	-	-	** ** ** **
	6-AF-2079-WB3-G (RE	F. DWG. NO.)					- 	
305700	AF-2079-HL5004 GUIDE	F-A F1.30D	VT-3	ZA0023	C	-	-	** ** **
	6-AF-2079-WB3-H (RE							
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		-	**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

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

	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	K	G E O M	Ħ	*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							
	CC-2102-HL5001	F-A F1.30A	VT-3	ZA0023	C	•	-	**
	RR	F1.30R						**
								**
								**
								**
	24-CC-2102-WA3-C	(REF. DWG. NO.		·				
320700	24-CC-2102-WA3-C)		 c		 -	
320700)				. 	••
320700	CC-2102-GU04	F-A)			-		**
320700	CC-2102-GU04	F-A)			-	-	
320700	CC-2102-GU04	F-A)			-		**
320700	CC-2102-GU04	F-A)			•	•	** ** **
320700	CC-2102-GU04	F-A F1.30D) VT-3			•	-	** ** **
	CC-2102-GU04 GUIDE	F-A F1.30D) VT-3				-	** ** **
	CC-2102-GU04 GUIDE 24-CC-2102-WA3-E	F-A F1.30D (REF. DWG. NO.) VT-3	ZA0023	c		-	**
	CC-2102-GU04 GUIDE 24-CC-2102-WA3-E CC-2102-GU02	F-A F1.30D (REF. DWG. NO. F-A F1.30D) VT-3	ZA0023	c		-	**
	CC-2102-GU04 GUIDE 24-CC-2102-WA3-E CC-2102-GU02	F-A F1.30D (REF. DWG. NO. F-A) VT-3	ZA0023	c		-	**
	CC-2102-GU04 GUIDE 24-CC-2102-WA3-E CC-2102-GU02	F-A F1.30D (REF. DWG. NO. F-A F1.30D) VT-3	ZA0023	c		-	** ** ** ** ** **
	CC-2102-GU04 GUIDE 24-CC-2102-WA3-E CC-2102-GU02	F-A F1.30D (REF. DWG. NO. F-A F1.30D) VT-3	ZA0023	c		-	** ** ** ** ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

AMPONENT COOLING 3 REMARKS G T E H O E M R ASME SEC *CALIBRATION BLOCK* NORBC *APP VIII SUPP*
DEGRADATION MECH
CAL BLOCK ID 1 XI CATEGY SUMMARY EXAMINATION AREA ITEM NO EXAM NUMBER IDENTIFICATION RISK RANK METHOD *CAL BLOCK ID 2* PROCEDURE 24-CC-2102-WA3-F (REF. DWG. NO.) VI-3 321000 CC-2102-HL5002 ZA0023 c - -F-A GUIDE F1.30D **

PAGE: 15

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 16

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

SUMMARY NUMBER	RY FEEDWATER 3 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
427100	38142MPA03 (REF. DI	WG. NO.) F-A	VT-3	ZA0023	c	-	-	03/08/04 - AF Motor Driven Pump 2C.
	AF MTR PUMP	F1.43						Single base support. **
								**
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

MPONENT COOLING 3

MPONE	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF.	DWG. NO.)						
428600	CCX1A	F-A	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located on
	CC CLG HTX	F1.43						East end.
								**
								**
								**
				•				**
. -								
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	C	-	-	03/08/04 - CCW HX 2A. Located at middle.
	CC CDG RIX	22.43						**
								**
								**
								**
								**
	3R202NPA201A (REF.	DWG. NO.)						
429500	•	F-A	VT-3	ZA0023	r	_	_	03/08/04 - CCW Fump 2A. Single base
12,500	CC CLG PUMP	F1.43	11		•			support.
								**
								**
								**
								**
								

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL JACKET WATER 3

.ESEL	JACKET WATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AR		EXAM METHOD	PROCEDURE		G E O M		*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHT0134 (1	REF. DWG. NO.)						
430600	JWEIR 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 (I	REF. DWG. NO.)	• • • • • • • • •	· · · · · · · · · · · · · · · · · · ·			· 	
431200	JHX1A JW HEAT EXCH	F-A F1.43	VT-3	ZA0023	С	•	-	03/08/04 - Jacket Water HX 2A. Support is closest to engine(DG21). ** ** ** **
431300		F-A F1.43	VT-3	ZA0023	c	-	•	03/08/04 - Jacket Water HX 2A. Support is farthest from engine (DG21). ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 19

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 A IDENTIFICATION A 3Q152MSA0134		EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
432100	JW1A JW PIPE SUPT	F-A P1.43	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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 20

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL	LUBE	OTT.	2
.ESEL	LUBE	ULL	_

.ESEL	LUBE OIL 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	Procedure	E	G E O M	H	*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	С	-	•	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	c		 -	03/08/04 - Lube Oil HX 2A. Support is farthest from engine(DG21). ** ** ** **
	3Q152MPU0134 (REF.	DWG. NO.)						
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** **
	3Q152MSA0134 (REF.	. DWG. NO.)						
434200	-	F-A F1.43	VT-3	ZA0023	С	•	-	03/08/04 - Lube Oil Pipe Support. Train 2A. Support is upstream of Lube Oil HX inlet. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 21

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

CLASS 3 CABZ STATUS COMPONENTS

LESEL LUBE OIL 3

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M		REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
-	3Q152MSA0134 (REF.	DWG. NO.)	- · ·					
434300	LUZA 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	ZA 0023	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 ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 22

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL OTL 3

SUMMARY	· · · · ·	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	g e o k	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MTF0137 (REF.	DWG. NO.)						
436600	DOST1A DO STG TANK	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** ** **

APPENDIX C ISI LIMITATIONS

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

en de la companya de la co

.

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.	2REIO
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.	2REIO
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.	2REI0

 $(\mathcal{A}(\mathcal{A})^{-1}) = (\mathcal{A}(\mathcal{A})^{-1})^{-1} \mathcal{A}(\mathcal{A})^{-1} = (\mathcal{A}(\mathcal{A})^{-1})^{-1} \mathcal{A}(\mathcal{A})^{-1} \mathcal{A}(\mathcal{A$

. . . .

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 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	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 1 Piping	Bechtel(I)	N. A.	N. A.	N. A.
Pressurizer	Westinghouse (M)	2161	N.A.	19
Reactor Coolant				1
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
				ļ
				
		 		
		1		
				
				1
		 		
		<u> </u>		

* STP Nuclear Operating Company (ST	IPNOC) is the licensed operator of the South Texas Project Ele	ctric Generating Station
STENOC by Olm	Date 6 Jew 2004 ABS Group of the State of th	Date 7/20/24
J. C. Younger	Insurance Co. R. A. Nier	mann.ANII

FORM NIS-1 (Back)

- 8. Examination Dates 3/09/04 to 4/12/04
- 9. Inspection Period Identification: Second Period (10/19/03 to 10/18/07)
- 10. Inspection Interval from Second Interval (10/19/00 to 10/18/10)
- 11. Applicable Edition of Section XI 1989 Edition Addenda none
- 12. Date/Revision of Inspection Plan: January 2004/Revision 1
- 13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. (ASME Code Class 1 (IWB) Items - Welds Program) See Appendix A of the 2RE10 Summary Report for list of examinations performed. The percentage completion of distributed Class 1 examinations is 43%.
- 14. Abstract of Results of Examinations and Tests. See Section 2.2.1 Examination Results and Corrective Actions of 2RE10 Summary Report.
- 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 Date 8 Jvv 20 04 Signed STP Nuclear Operating Company 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.

Commissions Inspector's Signature

National Board, State, Province, and Endorsements

Robert Niemann

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7	Components Inspected, ASME Code Class 2 (IWC) Items

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 2 Piping	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	7 7	1		
Pump 2A	Pacific Pumps (M)	51710	N.A.	454
	İ			
	ļ			

* STP Nuclear Operating Company (STPNOC)	is the licensed operator of the South Tex	as Project Electric Generating S	Station ,
STPNOC by 10 2 Date	BJ ~ 200 CABS Group by	Date	120/01
J. C. Younger	Insurance Co.	R. A. Niemann, ANII	707

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/02/04</u> to <u>4/13/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measures
Certificate of Authorization No.(if applicable)N.A Expiration Date	N.A.
Date B JUL 2004 Signed STP Nuclear Operating Company	By / J. C. Younger
Owner	J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/02/04</u> to <u>04/13/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Date 2/20/20/24

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

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

* STP Nuclear Operating Company (ST	PNOC) is the licensed operator of the South Texas Project Electric Generating Station
amora Alma	Date 8N 2004 ABS Group by Jan Date 72964
STPNOC by 64 6	Date ON GROW ABS Group by Jacob Mary Date / 1904
J. Q. Younger	Insurance Co. R. A. Niemann, ANII

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/04/04</u>
- 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 rep- taken conform to the rules of ASME Code, Section XI.	ort are correct and the	examinations and	corrective measures
Certificate of Authorization No.(if applicable) N.A.	Expiration Date	N.A.	
Date BJUL 20 14 Signed STP Nuclear Operat	•	By A	C. Yøunger
	wner		C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/04/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

Commissions
Inspector's Signature
Robert Niemann

Tex 756

National Board, State, Province, and Endorsements

Date 7/10/20 114

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

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

* STP Nuclear Operating Company (ST	NOC) is the licensed operator of the South Texas Project Electric Generating Station	
010	Date 6 Jul 2004 ABS Group by The Date 7 20/0 4 Insurance Co. R. A. Niemann, ANII	
STPNOC by // //	Date BJULZOG ABS Group by John July Date 20/19	2
J. C. Xounger	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 contaken conform to the rules of ASME Code, Section XI.	rect and the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A Expiration	on DateN.A.
Date 3 Jul 2004 Signed STP Nuclear Operating Comp	By J. C. Younger
Owner	J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston. TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/12/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Date <u>7/20/</u>20*04*

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

1.	OwnerSTP 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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 3 Component Supports

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 3 Piping	Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C	Bingham-			
(3S142MPA03)	Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A	Struthers-Wells	•		
(3R202NHX201A)	Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A	Hayward Tyler			
(3R202NPA201A)	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		i		
(3Q152MSA0134)	Ebasco	N.A.	N.A.	N.A.
Lube Oil HX 2A		ļ		
(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.
		_		
		ŀ		

* STP Nuclear Operating Company (STPNOC) is the	licensed operator of the South Tex	as Project Electric Generating Stati	ion /
0.4		Africa -	7/
STPNOC by June Date # J.	Los FABS Group by	Date Date	120/011
J. C. Kounger	Insurance Co.	R. A. Niemann, ANII	702

FORM NIS-1 (Back)

- 8. Examination Dates <u>3/31/04</u> to <u>4/11/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	I the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A. Expiration Date	N.A.
Date 8JUL 2004 Signed STP Nuclear Operating Company	By ACY 1. C. Younger
Owner	J. C. Younger

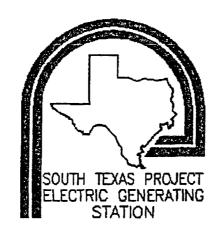
CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>03/31/04</u> to <u>04/11/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Page 2 of 2



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:_	1 CM	BJULY 2004
	J. C. Younger Consulting Engineer – Test Engineering	Date
Reviewed by:	J E Staulier	7/13/04
	J. E. Stauber Consulting Engineer – Test Engineering	Date Section
Approved by:		7/14/03
	B. L. Jenewein Supervisor – Test Engineering Section	Date

ANII lator

2RE10 Inservice Inspection Summary Report for Welds and Component Supports TABLE OF CONTENTS

			<u>Page</u>
1.0	INTRO	DUCTION	1
	1.1	Scope of Summary Report	1
2.0	WELD	S	2
	2.1	Scope of Examinations	2
	2.2	Summary of Examinations	2
	2.2.1	Examination Results and Corrective Actions	3
	2.2.2	Additional and Successive Examinations	3
	2.3	Certification of Inspections	4
3.0	COMP	ONENT SUPPORTS	5
	3.1	Scope of Examinations	5
	3.2	Summary of Examinations	5
	3.2.1	Examination Results and Corrective Actions	5
	3.2.2	Additional and Successive Examinations	5
	3.3	Certification of Inspections	5
APF	PENDIX .	A Welds Listing	
APF	ENDIX	B Component Supports Listing	
APF	ENDIX	C ISI Limitations	
APF	ENDIX :	D NIS-1 Forms: Owner's Report for I	nservice Inspection

1.0 INTRODUCTION

The South Texas Project Electric Generating Station, Unit 2 (STPEGS-2) Inservice Inspection (ISI) program was developed and is being implemented in accordance with IOCFR50.55a, the 1989 Edition of American Society of Mechanical Engineers (ASME) Section XI Code, and other regulatory and Code bases as specified in the following documents:

- 1) Inservice Inspection Program Plan for Examination of Welds and Component Supports, System Pressure Testing Program, and Repair and Replacement Program for the Second Interval of the South Texas Project Electric Generating Station Units 1 and 2 (Ten Year ISI Plan).
- 2) Examination Plan for the 2RE10 Inservice Inspection of Unit 2 South Texas Project Electric Generating Station Welds and Component Supports Programs, (including any changes made during the performance of the examinations)

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

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

1.1 Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE10 refueling outage on Class 1 and 2 welds (WELDS) and Class 1, 2, and 3 component supports (COMPONENT SUPPORTS). Each of these sections describes the scope of examinations performed; examination results, and corrective actions (if needed). The appendices of this report provide a listing of the Weld examinations (Appendix A), listing of Component Supports examinations (Appendix B), ISI limitations (Appendix C) and copies of the NIS-1 Forms: Owner's Report for Inservice Inspection (Appendix D).

2.0 WELDS

2.1 Scope of Examinations

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

2.2 Summary of Examinations

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

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

2.2.1 Examination Results and Corrective Actions

Examination area/volume coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and applicable requirements within the Ten Year ISI Plan. In those cases where physical conditions of the component restricted examination of the required area, the amount of coverage achieved was assessed. Appendix C, ISI Examination Limitations, contains a detailed account of examination limitations encountered prior to and during 2RE10 for components with less than 90% coverage.

All UT indications determined to be recordable, regardless of signal amplitude, were investigated to determine the nature of the reflector. Indications determined to be other than geometry were evaluated to ASME Section XI criteria. Three surface indications were detected during PT examination of a Pressurizer Seismic Lug No. 3, (ASME Category B-H, Item No. B8.20). These indications were evaluated to IWB-3516 and determined to be acceptable. Reference Summary No. 012520.

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

2.2.2 Additional and Successive Examinations

If examinations reveal indications that exceed allowable indication standards, additional examinations are required as prescribed in IWB-2430 and IWC-2430.

No additional examinations of Class 1 or Class 2 components (IWB/IWC-2430) were required prior to or during 2RE10.

Successive examinations are required if flaw indications are evaluated in accordance with IWB-3132.4 or 3142.4 and the component qualifies as acceptable for continued service. No successive examinations (IWB-2420 or IWC-2420) will be scheduled as a result of examinations performed during this outage.

2.3 Certification of Inspections

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

3.0 COMPONENT SUPPORTS

3.1 Scope of Examinations

Visual examinations were performed on selected Class 1, 2, and 3 component supports as contained in the Examination Plan. Any deviations or changes were documented as Examination Plan Changes to the Examination Plan. A complete listing of the component supports and other pertinent information is contained in Appendix B.

3.2 Summary of Examinations

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

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

3.2.1 Examination Results and Corrective Actions

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

3.2.2 Additional and Successive Examinations

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

3.3 Certification of Inspections

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

APPENDIX A

WELDS LISTING

EXAMINATION RESULTS LEGEND

- Baseline Examination В
- C Examination for Section XI Scheduling Credit
- Augmented Examination Complete
 Optional Examination Complete Α
- Z

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

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

PAGE: 1

ÆSSURIZER

REMARKS ASME SEC *CALIBRATION BLOCK* G T E H O E M R *APP VIII SUPP* ORE XI CATEGY *DEGRADATION MECH* SUMMARY EXAMINATION AREA ITEM NO EXAM *CAL BLOCK ID 1* RISK RANK METHOD NUMBER IDENTIFICATION PROCEDURE *CAL BLOCK ID 2* CIRCUMFERENTIAL WELDS (REF. DWG. NO. A-PRZ-1) 010100 PRZ-2-C1 UT UTIO24 C - - 03/09/04 - Reference Figure D-3. B-B 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* LONGITUDINAL WELDS (REF. DWG. NO. A-PRZ-1) 010300 PRZ-2-L1 B-B UT UT1024 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* NOZZLE TO SHELL AND SHELL TO NOZZLE WELDS (REF. DWG. NO. A-PRZ-1) C - - 03/09/04 - Reference Figure D-4. 010900 PRZ-2-N4B B-D UT UTI024 B3.110 SAFRTY NOZZLE 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 B3.110 61% coverage due to nozzle weld configuration. *CSCL-56, CS-54* *3-CSCL-56-STP* *5-CS-54-STP*

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

ESSURIZER

EXAMINATION AREA IDENTIFICATION NOZZLE INSIDE RADIUS	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM			G E		REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH*
NOZZLE INSIDE RADIUS		METHOD	PROCEDURE		M	E	*CAL BLOCK ID 1*
	SECTION (REF	. DWG. NO	. A-PRZ-1)				
PRZ-2-N4B-IR SAFETY NOZZLE	B-D B3.120	UT	UTIO16	c	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** ** *IR-SA508-CL2-CSCL-42-STP* **
PRZ-2-N4C-IR SAFRTY NOZZLE	B-D B3.120	or	UTIO16	c	-	-	03/09/04 - Reference Figure D-4. *CSCL-42* ** ** *IR-SA508-CL2-CSCL-42-STP* **
MANWAY BOLTING (REF.	DWG. NO. A-P	 RZ-1}				. 	
PRZ-2-BOLTING	B-G-2 B7.20	WT-1	ZA0024	c	-	•	03/09/04 - Examined all manway bolting (1-16). ** ** ** **
INTEGRAL ATTACHMENTS	(REF. DWG. N	O. A-PRZ-	 1)				
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. ** ** ** ** **
-	PRZ-2-N4C-IR SAFRTY NOZZLE MANWAY BOLTING (REF. PRZ-2-BOLTING INTEGRAL ATTACHMENTS PZR-2-2A, 2B	PRZ-2-N4C-IR B-D SAFRTY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-P PRZ-2-BOLTING B-G-2 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. N PZR-2-2A, 2B B-H	PRZ-2-N4C-IR B-D UT SAFRTY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2B B-H PT	PRZ-2-N4C-IR B-D UT UTIO16 SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2B B-H PT ZA0012	PRZ-2-N4C-IR B-D UT UTIO16 C SAFRTY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2E E-H PT ZA0012 C	PRZ-2-N4C-IR B-D UT UTIO16 C - SAFETY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C - B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A,2E B-H PT ZA0012 C -	PRZ-2-N4C-IR B-D UT UTI016 C SAFRTY NOZZLE B3.120 MANWAY BOLTING (REF. DWG. NO. A-PRZ-1) PRZ-2-BOLTING B-G-2 VT-1 ZA0024 C B7.20 INTEGRAL ATTACHMENTS (REF. DWG. NO. A-PRZ-1) PZR-2-2A, 2E E-E PT ZA0012 C

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

ESSUR	IZER							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	Procedure	N O R E C	GEOM	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	INTEGRAL ATTACHMENTS	(REF. DWG.	NO. A-PRZ-	1)			_	
012440	PRZ-2-3A, 3B SUPPORT BRACKET	B-H B8.20	PT	ZA0012	c	•	-	03/09/04 - Reference Figure D-5. PT used in lieu of MT due to limited access for MT yoke. 70% coverage due to proximity of support frame. ** ** **
012520	3 SIRSMIC LUG	В-Н В8.20	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		ве.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 STPEGS - INTERVAL 2 - WELDS UNIT 2 PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

REVISION: 0

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	g g	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
100260		R-A-1 1R2.20 MEDIUM	UT	UTIO18	с	•	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size *CSS-80* *89* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP* **
100440	31-RC-2302-NSS - LC 9 ELBOW TO REACTOR COOLANT PUMP	POP 3 (REF. DW R-A-1 1R2.20 MEDIUM	G. NO. A-F	UTIO18	c	•	-	03/09/04 - Reference Figure D-1. 38% coverage due to cast SS weld configuration and search unit size *CSS-80* *S9* *NONE* *31-ID-3.00-SA351-CF8A-CSS-80-STP*
102250	12-RC-2125-BB1 (REF	R-A-1	 RC-9) UT	UTI-PDI-UT2	c		. 	03/09/04 - Reference Figure D-1.
	ELBOW TO PIPE	1R1.11.2 HIGH						*SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-ST * *PDI Alternate Calibration Block*
102260	4 PIPE TO BLBOW	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-ST. + *PDI Alternate Calibration Block+

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 5

REVISION: 0

INSERVICE INSPECTION SUMMARY - ZKELV SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF)

__ACTOR COOLANT SYSTEM

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R E	G B M	H	*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-ST * *PDI Alternate Calibration Block*
 1023 4 0	12 PIPE TO ELBOW	R-A-1 lR1.11.3 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-ST * *PDI Alternate Calibration Block*
102350	13 RLBOW 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-ST * *PDI Alternate Calibration Block*
102360	14 PIPE TO BRANCH CONNECTION	R-A-1 1R1.11.2 HIGH	ur	UTI-PDI-UT2	c	-	-	03/09/04 - Reference Figure D-1. *SS-21* *S2* *TT* *12-140-1.125-SA376-GR316-SS-21-ST * *PDI Alternate Calibration Block*

12-RC-2322-BB1 (REF. DWG. NO. A-RC-11)

DATE: 07/03/04

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 6

INSERVICE INSPECTION SUMMARY - 2RE10
SECOND INTERVAL, SECOND PERIOD, FIRST OUTAGE (04RF) REVISION: 0

CLASS 1 CABZ STATUS COMPONENTS

LACTOR	COOLANT SYSTEM							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	E	G B O M	H	*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	יט	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-F	 RC-12)					
103360	.3 ELBOW TO PIPE	R-A-1 lR1.11.1 HIGH	υr	UTI-PDI-UT2	c .	-	-	03/09/04 - Reference Figure D-1. *SS-11* *S2* *TASCS* *8-160906-SA376-GR316-SS-11-STP* *PDI Alternate Calibration Block*
	6-RC-2003-BB1 (REF.	DWG. NO. A-F	 RC-13)					
103795	PRZ-2-N2-SE PRESSURIZER SPRAY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024		-	•	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** *** *TT - PWSCC* **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 7

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

.LACTOR COOLANT SYSTEM

ACTOR	COOLANT SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R E C		O H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-RC-2004-NSS (REF.	DWG. NO. A-R	.C-6)					
103875	PRZ-2-N3-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MRP 039 HIGH	VT-1	ZA0024	λ	•		03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** ***
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-R	.C-6)					
104035	PRZ-2-N4C-SE PRESSURIZER SAFETY NOZZLE TO SAFE END	MCP 039 HIGH	VT-1	ZA0024	λ	•	-	03/09/04 - This examination is being performed as a result of recent operating exerience at the Tsuruga-2 Nuclear Plant in Japan and Material Reliability Program(MRP) letter MRP-2003-039 for bare metal visual examinations. ** ** *PWSCC*

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 8

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT SYSTEM

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 9

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

AFETY INJECTION SYSTEM

SUMMARY NUMBER	INJECTION SYSTEM EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R C	M G	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	12-81-2315-BB1 (REF.	DWG. NO. A	-SI-2)					
230700	9 PIPE TO VALVE	R-A-1 1R2.11.5 MEDIUM	UT	UTI-PDI-UT2	C	-	-	03/09/04 - Reference Figure D-1. *8S-21* *82*

TT - IGSCC

*12-140-1.125-SA376-GR316-SS-21-STP

PAGE: 10

PDI Alternate Calibration Block

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 11

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION PUMP BOLTING (REF.	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G R O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
260330	RCP-2C-SHB SEAL HOUSING BOLTS	B-G-2 B7.60	VT-1	ZA0024	8	-	-	04/09/04 - Perform baseline VT-1 examination of replacement bolting. WO 440931 / WAN 272050. This was not a scheduled ISI examination for 2RE10. ** **

DATE: 07/03/04 PAGE: 12 STPEGS - INTERVAL 2 - WELDS UNIT 2 REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

	٠,	77	
-	1.	ин	

alves								REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	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*
	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	В	-	-	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	В	-		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	В		-	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	В	-	-	03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222178) ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2 REVISION: 0

INSERVICE INSPECTION SUMMARY - 2RE10

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

PAGE: 13

CLASS 1 CABZ STATUS COMPONENTS

ALVES

ALVES SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION VALVE GROUP 1 (REF.	ASME SEC XI CATEGY ITEM NO RISK RANK DWG. NO.)	BXAM METHOD	PROCEDURE	N O R E C	G E O M	E	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
261200	PSV 3450-VB ON FIG. NO. A-RC-6	B-G-2(C) B7.70	VT-1	ZA0024	В	•	-	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	В	-		03/07/04 - BASELINE EXAMINATION OF REPLACEMENT PRESSURIZER SAFETY VALVE. (REFERENCE WAN 222177) ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

TR ML.	TEAM SYSTEM							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M		*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	мт	ZA0018	c	•	<u> </u>	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. ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 15

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

STPEGS - INTERVAL 2 - WELDS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

PAGE: 16

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

CLASS 2 CABZ STATUS COMPONENTS

AFETY SUMMARY NUMBER	INJECTION SYSTEM EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R E C	G E O M	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	16-SI-2201-UB2 (REF	. DWG. NO. B-	SI-4)					
705810	14PL1-14PL8 PIPE LUGS	C-C C3.20	PT	ZA0012	c	•	-	03/09/04 - Reference Figure D-5. ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JNTAIN	MENT SPRAY PUMPS							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG. 1	NO. B-CSP-1)						
	CIAPCS-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	С		-	03/09/04 - Reference Figure D-9. ** ** ** **
		C-G C6.10	PT	ZA0012	c	-	-	03/09/04 - Reference Figure D-9. ** ** ** **
	CIAPCS-2A-PCW4 NOZZLE TO UPPER CASE	C-G C6.10	PT	ZA0012	·C	-	-	03/09/04 - Reference Figure D-9. ** ** ** ** **

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 18

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.1GH HEAD SAPETY INJECTION PUMPS

REMARKS *CALIBRATION BLOCK* ASME SEC *APP VIII SUPP*
DEGRADATION MECH
CAL BLOCK ID 1
CAL BLOCK ID 2 XI CATEGY SUMMARY EXAMINATION AREA ITEM NO RYAM NUMBER IDENTIFICATION RISK RANK METHOD PROCEDURE

PUMP 2A (REF. DWG. NO. B-HHSIP-1)

C - - 03/09/04 - Reference Figure D-9. 751035 SIPHH-2A-PCW4 C-G PT ZA0012

**

NOZZLE TO UPPER CASE C6.10

**

**

STPEGS - INTERVAL 2 - WELDS UNIT 2

PAGE: 19

REVISION: 0 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 XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O T H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	PUMP 2A (REF. DWG.	NO. B-LHSIP-1)					
	SIAPLE-2A-PCW1 FLANGE TO UPPER CASE	C-G C6.10	PT	ZA0012	C	•	-	03/09/04 - Reference Figure D-9. ** ** ** **
 751335	SIAPLH-2A-PCW4		PT	ZA0012		 -		03/09/04 - Reference Figure D-9.
	NOZZLE TO UPPER CASE		F1	ARUULA	_	-	-	**
								**
								**
								**
							•	**

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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 1

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

ACTOR	COOLANT 1							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R B	G E O M	e	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	4-RC-2123-BB1-G (R	EF. DWG. NO.)						
108000	RC-2123-SH08 SH-V	F-A F1.10B	VT-3	ZA 0023	c	-	-	03/08/04 - Examine when filled. ** ** ** **
	4-RC-2123-BB1-H (R	EF. DWG. NO.)						
108200	RC-2123-HL5011 RR	P-A F1.10A	VT-3	ZA0023	С	-	-	** ** ** **
	1R122NSG201C (REF.							
118450		F-A F1.41	VT-3	ZA 0023	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. ** ** ** ** **
				· 				

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR COOLANT 1

SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r E	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R122NSG201C (REF.	DWG. NO.)						
118650	RSGC3C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RSG2C. From above, support is clockwise from 2C. ** ** ** **
	RSGC4C RC REPL. S/G COL	F-A F1.41	VT-3	ZA0023	c		-	03/08/04 - RSG2C. From above, support is clockwise from 3C. ** ** ** **
118850	RSGL1C RC REPL. S/G LOWER	F-A F1.41	VT-3	ZA0023	c		-	03/08/04 - RSG2C. Lower lateral support. ** ** **
 118950	RSGUIC RC REPL. 8/G UPPER	7-A F1.41	VI-3	ZA0023	c		- -	03/08/04 - RSG2C. Upper lateral support. ** ** **

1R132NPP201B (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 3

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR	COOLANT 1							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP201B (REE	r. DWG. NO.)						
120200	RPCIB RC PUMP COL	F-A F1.41	VT-3	ZA0023 .	c	-	-	03/08/04 - RCP2B. Support is nearest RSG2B column support. ** ** ** **
	1R132NPP101B (REF							
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	RPRIB RC PUMP RODS	F-A F1.41	VT-3	ZA0023	c	-	-	03/08/04 - RCP2B. From above, support is clockwise from discharge nozzle.
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 4

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 1 CABZ STATUS COMPONENTS

ACTOR	COOLANT 1							REMARKS
SUMMARY NUMBER	EXAMINATION ARE		EXAM METHOD	PROCEDURE	N O R E C	G M	O H E R	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	1R132NPP101B (R	EF. DWG. NO.)						
	RPR2B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	С	-	-	03/08/04 - RCP2B. From above, support is clockwise from lB. ** ** ** **
	RPR3B RC PUMP RODS	F-A F1.41	VT-3	ZA0023	c	-	- - -	03/08/04 - RCP2B. From above, support is counterclockwise from discharge nozzle. ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 5

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

INTAINMENT SPRAY 2

Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam Method	PROCEDURE	N O R C	G E O M	H	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	8-CS-2302-PB2-B (R	ef. Dwg. No.)						
214400	CS-2302-HL5002	P-A	VT-3	ZA0023	C	•	-	
	RR	F1.20A						**
								**
								**
								**
214500	CS-2302-EL5003	F-A	VT-3	ZA0023	C			
	RR ·	F1.20A						**
								**
								**
								**
214700	8-CS-2302-PB2-D (RI CS-2302-RH04 RR	F-A F1.20A		ZA0023	c	-	-	** ** ** **
 214800	CS-2302-RR05 RR	F-A F1.20A	VI-3	ZA0023	с	-	. <u>.</u> .	**
								**
								••
								**
								₩ ₩

6-CS-2303-PB2-C (REF. DWG. NO.)

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

ATTA TRIMENT CODEY 2

SUMMARY NUMBER	MENT SPRAY 2 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*	
	6-CS-2303-PB2-C (RE	F. DWG. NO.)							
217300	CS-2303-HL5006 GUIDE	F-A F1.20D	VT-3	ZA0023	С	-	-	**	

PAGE: 6

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

SIDUAL HEAT REMOVAL 2

REMARKS

CALIBRATION BLOCK

APP VIII SUPP

DEGRADATION MECH

CAL BLOCK ID 1

CAL BLOCK ID 2 G T E H O E M R ASME SEC NO REC XI CATEGY ITEM NO SUMMARY EXAMINATION AREA EXAM NUMBER IDENTIFICATION RISK RANK METHOD PROCEDURE

8-RH-2205-KE2-C (REF. DWG. NO.)

237400 RH-2205-RR05 F-A VT-3 ZA0023 c - -F1.20A RR

**

PAGE: 7

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 8

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY	INJECTION 2							REMARKS
SUMMARY NUMBER		ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	E	G E O M	H	*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 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	** ** ** **
	24-SI-2101-UB2-B	(REF. DWG. NO.)	·			 -	
244000	SI-2101-HL5018 RR	F-A F1.20A	VT-3	ZA0023	c	-	-	
								**
								**
				·				
244100	SI-2101-HL5022 RR	F-A F1.20A	VT-3	ZA0023	C	•	-	
								**
								**
								**
	24-8I-2101-UB2-D	(REF. DWG. NO.	· · · · · · · · · · · · · ·					
244300	SI-2101-HL5020	F-A	VT-3	ZA0023	c	-	-	
	RR	F1.20A						**
								**
								**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 9

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

JETY :	INJECTION 2							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R E	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	24-SI-2101-UB2-D	(REF. DWG. NO.)			_		
244400	BI-2101-HL5024	F-A	VT-3	ZA0023	c	-	-	
	RR	F1.20A						**
								**
								**
								**
				·				
	SI-2101-HL5025		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			_			••
								**
								**
	•							**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 10

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

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

FETY	INJECTION 2							REMARKS
SUMMARY	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R R	G E O M	H	*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.)					
24 9600	SI-2101-HL5013 RR	F-A P1.20A	VT-3	ZA0023	c		•	** ** ** **
249700	SI-2101-RR26 RR	F-A F1.20A	VT-3	ZA0023	C	_	<u>-</u>	** ** ** **
	10-SI-2101-UB2-Y	(REF. DWG. NO.)					
253300	SI-2101-RR23 RR	F-A F1.20A	VT-3	ZA0023	c			** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 11

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

FETY	INJECTION 2							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	6-SI-2106-DB2-B (RE	F. DWG. NO.)						•
263300	SI-2106-RR12	F-A	VT-3	ZA0023	C	-	•	
	RR	F1.20A						**
								**
								**
								**
263400			VT-3	ZA0023	C	-	-	03/08/04 - Examine when filled.
	sh-v	F1.20B						**
								**
								**
								**
	6-SI-2106-DE2-C (RE							
263700	SI-2106-RH08		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	.)					

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 12

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 2 CABZ STATUS COMPONENTS

.FETY	INJECTION 2							B.T. (2. D. (4. d.)
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	r R	G B O M	H	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	С	-	-	**
								**
								**
								**
	2-8I-2139-DB2-C-A1	(REF. DWG. NO	.)					
278500	SI-2139-HF5003	F-A	VT-3	ZA0023	c	-	-	
	GUIDE	F1.20D						**
								**
								**
278700	2-8I-2139-DE2-D-R1 SI-2139-HF5005	(REF. DWG. NO	.) VT-3	ZA0023			 -	
	GUIDE	F1.20D	,,		_			**
								**
								**
278800	8I-2139-HF5006	F-A F1.20D	VT-3	ZA0023	C	-	•	**
	GUIDE	F1.20D	•					**
		·						**
								**
							. 	

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 13

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

XILIA	RY FEEDWATER 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R B	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1*
	8-AF-2079-WB3-F (RE	F. DWG. NO.)						
303500	AF-2079-HL5003 GUIDE	F-A P1.30D	VT-3	ZA0023	c	-	-	**
	6-AF-2079-WB3-G (RE	F. DWG. NO.)						
305700	AF-2079-HL5004 GUIDE	F-A F1.30D	VT-3	ZA0023	С	-	-	** ** **
	6-AF-2079-WB3-H (RE	F. 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	<u>-</u>		** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 14

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

MPONE	NT COOLING 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	R	G E O M	H	*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							
320500	CC-2102-HL5001		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		_					
320900	CC-2102-GU02	F-A	VT-3	ZA0023	c		-	
	GUIDE	F1.30D						**
								**
								**
								**

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

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

AMPONENT COOLING 3

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

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

321000 CC-2102-HL5002 F-A VT-3 ZA0023 C - - GUIDE F1.30D

**

**

PAGE: 15

**

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 16

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

XILIA SUMMARY NUMBER	RY FEEDWATER 3 EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	M E G	OTHER	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
427100	38142MPA03 (REF. DWAFMIC AF MTR PUMP	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - AF Motor Driven Pump 2C. Single base support. ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 17

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.MP ONEI	NT COOLING 3							REMARKS
Summary Number	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	R	G E O M	H	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3R202NHX201A (REF.	DWG. NO.)						
428600	CCX1A CC CLG HTX	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - CCW HX 2A. Located on East end. ** ** ** **
428700	CCX2A CC CLG HTX	F-A F1.43	VT-3	ZA0023	c		-	03/08/04 - CCW HX 2A. Located at middle. ** ** ** **
	3R202NPA201A (REF.							
429500	CCP1A CC CLG PUMP	F-A F1.43	VT-3	ZA0023	c	•	-	03/08/04 - CCW Pump 2A. Single base support. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 18

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

CLASS 3 CABZ STATUS COMPONENTS

.ESEL JACKET WATER 3

JACKET WATER 3							REMARKS
EXAMINATION AREA IDENTIFICATION	XI CATEGY	exam Method	PROCEDURE	N O R E C	0	E	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
3Q152MHT0134 (REI	F. DWG. NO.)						
JWHIA JW HEATER	F-A F1.43	VT-3	ZA0023	c	•	-	03/08/04 - Jacket Water Heater 2A. Support is closest to JW circ pump. ** ** ** **
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 (REE	. DWG. NO.)	• • • • • • • • •					
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). ** ** ** **
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). ** ** ** **
	EXAMINATION AREA IDENTIFICATION 3Q152MRT0134 (REI JWH1A JW HEATER JWH2A JW HEATER 3Q152MRX0134 (REI JHX1A JW HEAT EXCH	EXAMINATION AREA ITEM NO RISK RANK 3Q152MHT0134 (REF. DWG. NO.) JWH1A F-A JW HEATER F1.43 JWH2A F-A JW HEATER F1.43 3Q152MHX0134 (REF. DWG. NO.) JHX1A F-A JW HEAT EXCH F1.43	EXAMINATION AREA ITEM NO EXAM IDENTIFICATION RISK RANK METHOD 3Q152MHT0134 (REF. DWG. NO.) JWELA F-A VT-3 JWH2A F-A VT-3 JWH2A F-A VT-3 JW HEATER F1.43 3Q152MHX0134 (REF. DWG. NO.) JHX1A F-A VT-3 JW HEAT EXCH F1.43	EXAMINATION AREA IDENTIFICATION 3Q152MET0134 (REF. DWG. NO.) JWELA JW HEATER 3Q152MEX0134 (REF. DWG. NO.) JWH2A JW HEATER 3Q152MEX0134 (REF. DWG. NO.) JWH2A F-A VT-3 ZA0023 JW HEATER 3Q152MEX0134 (REF. DWG. NO.) JHX1A JW HEAT EXCH JW HEAT EXCH JW HEAT EXCH F1.43 ASME SEC XI CATEGO XI CATE	ASME SEC	ASME SRC XI CATEGY C Q Q Q Q EXAMINATION AREA ITEM MO EXAM ETHOD PROCEDURE E E Q Q Q Q Q Q Q	EXAMINATION AREA

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 19

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 3Q152MSA0134 (REF	RISK RANK	EKAM METHOD	PROCEDURE	N O R E C	M E G	O H E R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
432100	JW1A JW PIPE SUPT	F-A F1.43	VT-3	ZA0023	С	-	-	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. ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 20 REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

ESEL LUBE OTL 3

.ESEL	LUBE OIL 3							REMARKS
Summary Number	EXAMINATION A		exam Method	PROCEDURE	E	G E O M	E	*CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
	3Q152MHX0136	(REF. DWG. NO.)						
433300		F-A F1.43	VT-3	ZA0023	c	•	-	03/08/04 - Lube Oil HX 2A. Support is closest to engine(DG21). ** ** ** **
433400	LHX2A LU HEAT EXCH	F-A F1.43	VT-3	ZA0023	c		-	03/08/04 - Lube Oil HX 2A. Support is farthest from engine (DG21). ** ** ** **
	3Q152MPU0134	(REF. DWG. NO.)	• • • • • • •					
433900	LCP1A LU CIRC PUMP	F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Lube Oil Circ Pump 2A. Single base support. ** ** ** **
		(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. ** ** ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 21

REVISION: 0 INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

LESEL	LUBE OIL 3							REMARKS
SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION	ASME SEC XI CATEGY ITEM NO RISK RANK	exam method	PROCEDURE	I	G E O M	X	*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 ** ** ** **

STPEGS - INTERVAL 2 - SUPPORTS UNIT 2

PAGE: 22

INSERVICE INSPECTION SUMMARY - 2RE10

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

CLASS 3 CABZ STATUS COMPONENTS

.esel Summary Number		ASME SEC XI CATEGY ITEM NO RISK RANK	EXAM METHOD	PROCEDURE	N O R E C	G E O M	O H H R	REMARKS *CALIBRATION BLOCK* *APP VIII SUPP* *DEGRADATION MECH* *CAL BLOCK ID 1* *CAL BLOCK ID 2*
436600	3Q152MTF0137 (REF DOST1A DO STG TANK	. DWG. NO.) F-A F1.43	VT-3	ZA0023	c	-	-	03/08/04 - Diesel Oil Storage Tank 2A. Single base support. ** ** **

APPENDIX C ISI LIMITATIONS

	ISI LIMITATIONS 2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2										
ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage	Description of Limitation	Outage			
B-D	B3.110	1	PRZ-2-N4B 010900	Pressurizer Shell to Safety Nozzle	79%	N/A	Limited UT due to nozzle weld configuration.	2RE10			
B-D	B3.110	ı	PRZ-2-N4C 011000	Pressurizer Shell to Safety Nozzle	61%	N/A	Limited UT due to nozzle weld configuration.	2RE10			
В-Н	B8.20	l l	PRZ-2-1A,1B 012400	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10			
в-н	B8.20	1	PRZ-2-4A,4B 012460	Pressurizer Support Bracket	N/A	70%	Limited PT due to proximity of support frame.	2RE10			
R-A-I	1R2.20	1	31-RC-2202-NSS 9 100260	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2REIO			
R-A-1	1R2.20	1	31-RC-2302-NSS 9 100440	Elbow to RCP	38%	N/A	Limited UT due to weld configuration and size of search unit required for cast SS material.	2RE10			

ISI LIMITATIONS 2RE10 WELD EXAMINATION COVERAGE (<90%) – UNIT 2										
ASME Category	ASME Item No.	ASME Class	Weld Identification Summary No.	Weld Configuration	Total Volumetric Coverage	Total Surface Coverage		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	2RE10		
сс	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.	2RB10		
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		

and the second of the second o

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 1 (IWB) Items

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 1 Piping	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	0-1-00	37/0401 00 0004	NY 4	(00
Valve PSV3451	Crosby(M)	N60491-00-0004	N.A.	628
Pressurizer Safety Valve PSV3452	Constant	N60491-00-0007	N.A.	1124
Valve PS V 3432	Crosby(M)	100491-00-0007	N.A.	1124
				
				
			<u></u>	

* STP Nuclear Operating Company (STP)	NOC) is the licensed operator of the South Te	xas Project Electric Generating St	nation /
STPNOC by Jen 1	Date 6 Jan 2004 ABS Group of the	Date	7/20/21
J. C. Younger	Insurance Co.	R. A. Niemann.ANII	70

FORM NIS-1 (Back)

- 8. Examination Dates <u>3/09/04</u> to <u>4/12/04</u>
- 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%.
- 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 3 Jvv 20 4 Signed STP Nuclear Operating Company

Owner

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 <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>03/09/04</u> to <u>04/12/04</u>, 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.

Inspector's Signature Commissions

National Board, State, Province, and Endorsements

Robert Niemann

7/20/00 00

Page 2 of 2

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 2 (IWC) Items

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 2 Piping	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		1		
Pump 2A	Pacific Pumps (M)	51710	N.A.	454
	1			
]			
				
ł		Ì		
j		,		
	1	J		

* STP Nuclear Operating Company (ST	PNOC) is the licensed operator of the South Tex	cas Project Electric Generating Statio	on ,
		, ,	- <i>I</i>
STEDLICA // /	Date 612204ABS Group by	The Miller	[/20/ 1
SIPNOC by g v	Date 107-6-ABS Group by 7/	Date	
J. C. Younger	Insurance Co.	R. A. Niemann, ANII	

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/02/04</u> to <u>4/13/04</u>
- 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%.
- 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 t taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measure
Certificate of Authorization No.(if applicable) N.A Expiration Date	N.A
Date BJUL 20 64 Signed STP Nuclear Operating Company Owner	By // J. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/02/04</u> to <u>04/13/04</u>, 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.

Inspector's Signature
Robert Niemann

Commissions
Tex 756

National Board, State, Province, and Endorsements

Date 2/20/20/24

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

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

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

** STP Nuclear Operating Company (STPNOC) i	s the licensed operator of the South Texas Project Electric Generating Station	
A	The state of	/
STPNOC by 46 Por Date &	M 2004 ABS Group by The 1296	4
J. Q. Younger	Insurance Co. R. A. Niemann, ANII	,

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/04/04</u>
- 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 BJUL 20 & Signed STP Nuclear Operating Company

Owner

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 <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/04/04</u>, 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.

Inspector's Signature Commissions

Tex 756

National Board, State, Province, and Endorsements

m. 7/10/20 01

Robert Niemann

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

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

* STP Nuclear Operating Company (STPNOC) is the	licensed operator of the South Texas Project Electric Gene	rating Station
111	7004 ABS Group by	7//
STPNOC by // Date & July	ABS Group by All	Date / 20/19 4.
J. C. Younger	Insurance Co. R. A. Niemann, Al	NII / /

FORM NIS-1 (Back)

- 8. Examination Dates <u>4/01/04</u> to <u>4/12/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	e examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A Expiration Date	N.A.
Date 31L 2004 Signed STP Nuclear Operating Company	By 1 LM
Owner	S. C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston. TX</u> have inspected the components described in this Owner's Report during the period <u>04/01/04</u> to <u>04/12/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Date 7/20/20/

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 4. Owner and Certificate of Authorization (if required) N.A.
5.	Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
7.	Components Inspected ASME Code Class 3 Component Supports

Component or	Manufacturer or	Manufacturer or	State or	National
Аррителапсе	Installer	Installer Serial No.	Province No.	Board No.
	Ebasco and			
Class 3 Piping	Bechtel(I)	N. A.	N. A.	N. A.
AF Motor Pump 2C	Bingham-			
(3S142MPA03)	Williamette Co.(M)	1A140	N.A.	NB-675
CC Heat Exch 2A	Struthers-Wells		•••	
(3R202NHX201A)	Corp (M)	1-76-06-32941-1	N.A.	14542
CC Pump 2A	Hayward Tyler			_
(3R202NPA201A)	Corp (M)	804101	N.A.	7
DG JW Heater 2A	E I Watered OA			,
(3Q152MHT0134)	E. L. Weigand (M)	9B1501	N.A.	1510
DG JW Ht Exch 2A	American Standard (M)		•• •	
(3Q152MHX0134)	American Standard (IVI)	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	l		** *	
(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.
		Ì		

* STP Nuclear Operating Company (STPNOC) is the li	censed operator of the South Te	exas Project Electric Generating	Station
STPNOC by June Born	Jest ABS Group to	A Rom Date	-7/20/
J. C. Kounger	Insurance Co.	R. A. Niemann, ANII	704

FORM NIS-1 (Back)

- 8. Examination Dates <u>3/31/04</u> to <u>4/11/04</u>
- 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 taken conform to the rules of ASME Code, Section XI.	the examinations and corrective measures
Certificate of Authorization No.(if applicable) N.A. Expiration Date	N.A.
Date BJUL 20 Signed STP Nuclear Operating Company Owner	By A.C. Younger

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of <u>Texas</u> and employed by <u>ABSGroup Inc.</u> of <u>Houston, TX</u> have inspected the components described in this Owner's Report during the period <u>03/31/04</u> to <u>04/11/04</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

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

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

Page 2 of 2