

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

February 14, 2000 NOC-AE-00000476 File No.:T04.02,T14.5, T20, G25 10CFR50.55a

U. S. Nuclear Regulatory Commission Attention: Document Control Desk Washington, DC 20555

> South Texas Project Unit 2 Docket No. STN 50-499 Seventh Refueling Outage Inservice Inspection Summary Report for Welds and Component Supports

Enclosed are four copies of the summary report describing inservice inspection examinations of welds and component supports performed prior to and during the seventh refueling outage (2RE07). Examinations were performed on selected Class 1, 2 and 3 components in accordance with the 1983 Edition of ASME Section XI Code with the Summer of 1983 Addenda and other regulatory and code bases as described in the South Texas Project Unit 2 Ten Year ISI Plan. This summary report satisfies the reporting requirements of IWA-6000 of Section XI for welds and component supports.

If there are any questions on this matter, please contact either Mr. M. S. Lashley at (361) 972-7523 or me at (361) 972-7902.

T. J. Jordan Manager, Nuclear Engineering

JCY/PLW

Enclosure: 2RE07 Inservice Inspection Summary Report for Welds and Component Supports of the South Texas Project Electric Generating Station - Unit 2

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cc:

Ellis W. Merschoff Regional Administrator, Region IV U.S. Nuclear Regulatory Commission 611 Ryan Plaza Drive, Suite 400 Arlington, Texas 76011-8064

John A. Nakoski Project Manager, Mail Code 0-4D3 U. S. Nuclear Regulatory Commission Washington, DC 20555-0001

Cornelius F. O'Keefe c/o U. S. Nuclear Regulatory Commission P. O. Box 910 Bay City, TX 77404-0910

A. H. Gutterman Morgan, Lewis & Bockius 1800 M. Street, N.W. Washington, DC 20036-5869

M. T. Hardt/W. C. Gunst City Public Service P. O. Box 1771 San Antonio, TX 78296

A. Ramirez/C. M. Canady City of Austin Electric Utility Department 721 Barton Springs Road Austin, TX 78704 Jon C. Wood Matthews & Branscomb One Alamo Center 106 S. St. Mary's Street, Suite 700 San Antonio, TX 78205-3692

Institute of Nuclear Power Operations - Records Center 700 Galleria Parkway Atlanta, GA 30339-5957

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

D. G. Tees/R. L. Balcom Houston Lighting & Power Co. P. O. Box 1700 Houston, TX 77251

Central Power and Light Company ATTN: G. E. Vaughn/C. A. Johnson P. O. Box 289, Mail Code: N5012 Wadsworth, TX 77483

U. S. Nuclear Regulatory Commission* Attention: Document Control Desk Washington, D.C. 20555-0001

Four copies go to the Nuclear Regulatory Commission. The others get one copy.

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2RE07 INSERVICE INSPECTION SUMMARY REPORT FOR WELDS AND COMPONENT SUPPORTS

of the

SOUTH TEXAS PROJECT

ELECTRIC GENERATING STATION - UNIT 2

Operator: STP Nuclear Operating Company

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

Commercial Operation:

JUNE 19, 1989

Issue Date: FEBRUARY 2000

2RE07 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

Feb 00 Prepared by J. C. Young Date ISI Engineer - Welds & Component Supports Approved by: M. S. Lashley Date Section XI Supervisor

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INTRODUCTION

This Summary Report describes South Texas Project Nuclear Operating Company's (STPNOC) inservice inspection (ISI) of selected Class 1, 2, and 3 components of the South Texas Project Electric Generating Station, Unit 2 (STPEGS-2) performed prior to and during the seventh refueling outage (2RE07) of STPEGS-2. The STPEGS ISI program for welds and component supports is scheduled in accordance with Program B of the American Society of Mechanical Engineers (ASME) Section XI Code "Inservice Inspection of Nuclear Power Plant Components". The first ten year inspection interval of STPEGS-2 began June 19, 1989. Because STPEGS-2 was out of service continuously for 16 months, the inspection interval was extended for an equivalent period in accordance with IWA-2400(c) of ASME Section XI. This extended the first inspection interval to October 18, 2000. The ISI summarized herein is for the second ISI of the third inspection period of STPEGS-2. The third inspection period began October 19, 1997 and extends to October 18, 2000.

The STPEGS-2 ISI program for the first inspection interval is described in the Ten Year ISI Plan previously filed with the Nuclear Regulatory Commission (NRC) and the State of Texas. The STPEGS-2 ISI program was developed and is being implemented in accordance with 10CFR50.55a, the 1983 Edition of Section XI Code with the Summer 1983 Addenda, and other regulatory and Code bases as specified in the Ten Year ISI Plan. This Summary Report satisfies the reporting requirements of IWA-6000 of the Section XI Code for welds and component supports.

Scope of Summary Report

This Summary Report describes the ISI examinations performed prior to and during the 2RE07 refueling outage on Class 1 and 2 welds (Welds Section) and Class 1, 2, and 3 component supports (Component Supports Section). 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).

WELDS

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

- (1) First 10-Year Long-Term Inservice Examination Plan for the South Texas Project Electric Generating Station, Unit 2 (LTP),
- (2) Examination Plan for the 1999 2RE07 Inservice Inspection of Welds and Component Supports at the South Texas Project Electric Generating Station, Unit 2, (including any changes made during the performance of the examinations)

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

Scope of Examinations

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

Reactor Vessel (RV) examinations (excluding the RV Closure Head) were performed with automated NDE methods by WesDyne International personnel and equipment. This included all RV shell welds and nozzle welds, nozzle to safe-end welds, adjacent safe-end to pipe/fitting welds, and nozzle inner radii. WesDyne International personnel also conducted remote visual examinations on the RV internals and interior surfaces.

STPNOC NDE and contractor NDE personnel performed a manual UT examinations of the RV Closure Head flange weld and of the RV flange to shell weld from the seal surface to obtain maximum coverage. Manual UT examinations were also conducted by STPNOC NDE and contractor NDE personnel on the RV flange threads and flange bushings (Roto-Lok inserts). The UT examinations on the flange bushings were performed as described in Relief Request RR-ENG-23 in lieu of the Section XI required visual examination.

The examinations completed during 2RE07 and previous refueling outages constitute the following percentages of completion for Class 1 and Class 2 components during the first inspection interval:

	Cumulative
	(1st Interval)
Class 1 (IWB)	100 %
Class 2 (IWC)	100 %

Summary of Examinations

Examination Methods

The following examination methods were conducted:

VT Examinations

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

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

PT Examinations

PT: Liquid penetrant examination conducted to detect surface defects.

MT Examinations

MT: Magnetic particle examination conducted to detect surface defects.

UT Examinations

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

Examination Results and Corrective Actions

Examination area coverage was provided, to the extent practical, in accordance with the requirements of ASME Section XI and Code Case N-460. In those cases where physical conditions of the component restricted examination of the required area, the amount of coverage achieved was assessed. Appendix C, ISI Examination Limitations, contains a detailed account of examination limitations encountered during 2RE07 weld examinations for limitations that were 10% or greater.

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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. No corrective actions were required.

Additional and Successive Examinations

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

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

Certification of Inspections

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

COMPONENT SUPPORTS

Introduction

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

- STPNOC (HL&P) Specification 5U036JS0004: Inservice Inspection Examination of Component Supports of South Texas Project Electric Generating Station, Unit 2, First Inspection Interval
- (2) Examination Plan for the 1999 2RE07 Inservice Inspection of Welds and Component Supports at the South Texas Project Electric Generating Station, Unit 2, including changes made during the outage (Examination Plan).

The Specification provides a detailed description of the rules for exemption and selection of Class 1, 2, and 3 component supports for ISI. The 2RE07 Examination Plan is an individual Examination Plan for implementing ISI component support examinations as designated in the Specification. Any deviations or changes were documented as an Examination Plan Change to the Examination Plan.

Scope of Examinations

A complete listing of component supports examined during 2RE07 is contained in Appendix B. The examinations completed during 2RE07 and previous refueling outages constitute the following percentages of completion for Class 1, 2, and 3 component supports:

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

Summary of Examinations

Examination Methods

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

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

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

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Examination Results and Corrective Actions

One relevant condition (oxidized nut) was found on an Essential Chilled Water system support. This condition as reported on Condition Report 00-1676 did not affect the integrity of the support for its intended service and determined to be acceptable in its as-found condition. However, the oxidized nut will be cleaned for recoating to prevent further oxidation. No additional examinations (sample expansion) were required because this is not a required corrective action. The visual examinations performed on the remaining component supports during 2RE07 did not reveal any relevant conditions.

Additional and Successive Examinations

The results of the visual examinations of component supports performed during 2RE07 did not require that any additional examinations (IWF-2430) be performed or any successive examinations (IWF-2420) be scheduled.

Certification of Inspections

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

APPENDIX A

WELDS LISTING

EXAMINATION RESULTS LEGEND

- В **Baseline Examination**
- С Examination for Section XI Scheduling Credit
- Augmented Examination Α
- Deferred Examination Complete RCP Flywheel Examination D
- W

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	FLANGE TO UPPER SHELL	B1.30		011 010 111	•		SURFACE
							CSCL-93
0001	02 RPV2-101-121(C)	B-A(D)	UT	WESDYNE	D -	-	EXAMINED 100% OF WELD LENGTH FROM THE
	FLANGE TO UPPER SHELL	B1.30					VESSEL WALL.
							CSCL-91/CSCL-92/CSCL-93
0002	00 RPV2-103-121	B-A(D)	UT	WESDYNE	D -	-	
	UPPER SHELL TO INTERMED	IATE B1.11					·
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							++7277 01++
							CSCL-91
0003	00 RPV2-101-171	B-A(D)	UT	WESDYNE	D -	-	
	INTERMEDIATE SHELL TO L	OWER B1.11					
	SHELL						
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0004	00 RPV2-101-141	B-A(D)	UT	WESDYNE	D -	· _	LIMITED EXAMINATION COVERAGE ADDRESSED
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		CIRCUMFERENTIAL CLOSURE HEAD V	ELDS (FIG	NO A-RPV-	<u>3A)</u> .				
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		CLOSURE HEAD TORUS TO FLANGE	B1.40	UT	UTI-024 R2			-	
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		LONGITUDINAL VESSEL WELDS (FIC	NO A-RPV	-1)					
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		UPPER SHELL AT 42 DEG	B1.12						
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	200000	RPV2-101-122B				_			
~	.00900	UPPER SHELL AT 162 DEG	B-A(D) B1.12	UT	WESDYNE	D	-	-	
									**CSCL-91/CSCL-92**
	001000	RPV2-101-122C	B-A(D)	UT	WESDYNE	D	-	-	
		UPPER SHELL AT 282 DEG	B1.12						
									**CSCL-91/CSCL-92**
	001100	RPV2-101-124A	B-A(D)	UT	WESDYNE	_	-	n	ONE INDICATION WAS RECORDED AND
		INTERMEDIATE SHELL AT 0 DEG	B1.12					2	EVALUATED TO BE ACCEPTABLE (REF. CR
									99-14954-2).
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	001200	RPV2-101-124B	B-A(D)	UT	WESDYNE	D	-	-	·
		INTERMEDIATE SHELL AT 120 DEG	B1.12						
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		RPV2-101-124C	B-A (D)	UT	WESDYNE	D	-	-	
		INTERMEDIATE SHELL AT 240 DEG	B1.12						
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001400	RPV2-101-142A	B-A(D)	UT	WESDYNE	D	-	-	
	LOWER SHELL AT 90 DEG	B1.12						
								**CSCL-91**
001500	RPV2-101-142B	B-A(D)	UT	WESDYNE	D	-	-	· · · ·
	LOWER SHELL AT 210 DEG	B1.12						
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001600	PDV2 101 142C	D N/D)		NB001010	-			
001800	RPV2-101-142C	B-A(D)	UT	WESDYNE	D	-	-	
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001800	RPV2-101-154B	B-A(D)	UT	WESDYNE	D	-	-	
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001900	RPV2-101-154C	B-A (D)	UT	WESDYNE	D	-	-	
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002600	RPV2-105-121A	B-D	UT	WESDYNE	c	2 -		_	
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	LOOP B INLET NOZZLE AT 113 DEG	B3.90							EVALUATED TO BE ACCEPTABLE (REF. CR 99-14954-4).
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003300	RPV2-N1AIR	B-D		WESDYNE	С	-	-	**CCCT 40**
003300	RPV2-N1AIR	B-D		WESDYNE	с	-	-	**CSCL-48**
003300	RPV2-N1AIR LOOP A OUTLET NOZZLE AT 22 DEG	B-D B3.100			с	-	-	**CSCL-48**
003300 003400	RPV2-N1AIR LOOP A OUTLET NOZZLE AT 22 DEG RPV2-N2AIR	B-D B3.100 B-D				-	-	**CSCL-48**
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003300 003400	RPV2-N1AIR LOOP A OUTLET NOZZLE AT 22 DEG RPV2-N2AIR	B-D B3.100 B-D B3.100	UT UT				-	
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~	REACTOR	PRESSURE VESSEL		CLASS I XC	ABWD STATUS COMPON	ENTS	5				
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						-	-	-			
		NOZZLE INSIDE RADIUS SECTION (	FIG NO A-1	RPV-1, 2)							
	003600	RPV2-N1BIR	B-D	UT	WESDYNE	С	-	-			
		LOOP B OUTLET NOZZLE AT 158 DEG	B3.100								
									**CSCL-48**		
	003700	RPV2-N1CIR	B-D	UT	WESDYNE	С	~	-			
		LOOP C OUTLET NOZZLE AT 202 DEG	B3.100								
									**CSCL-48**		
									COCHANN		
	103800	RPV2-N2CIR	B-D	UT	WESDYNE	С	-	-			
1. 1 1		LOOP C INLET NOZZLE AT 247 DEG	B3.100								
									**CSCL-44/CSCL-48**		
						-					
		RPV2-N2DIR LOOP D INLET NOZZLE AT 293 DEG	B-D	UT	WESDYNE	С	-	-			
		BOOF D INDEI NOZZE AI 293 DEG	B3.100								
									**CSCL-44/CSCL-48**		
		RPV2-N1DIR LOOP D OUTLET NOZZLE AT 338 DEG	B-D B3.100	UT	WESDYNE	С	-	-			
									**CSCL-48**		
		NOZZLE TO SAFE-END AND SAFE-END	TO NOZZI	LE WELDS (F	IG NO A-RPV-1, 2)						
	004500	RPV2-N1ASE	B-F	UT	WESDYNE	с	-	_	EXEMPTION OF PT EXAMINATION	PER	
		LOOP A OUTLET NOZZLE AT 22 DEG				2		-	RR-ENG-22.	FBR	
									**CSCL-48/CSS-80/MU-44**		

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~~~	REACTOR	PRESSURE VESSEL		C2100 I NC			•				
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			SEC. XI			R	Е	н			
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						-	-	-			
		NOZZLE TO SAFE-END AND SAFE-EN	D TO NOZZ	LE WELDS (F	IG NO A-RPV-1, 2)						
	004600	RPV2-N2ASE	B-F	UT	WESDYNE	с	-	-	EXEMPTION OF PT EXAMINATION	PER	
		LOOP A INLET NOZZLE AT 67 DEG	B5.10						RR-ENG-22.		
									CSCL-48/CSS-80/MU-44		
	004700	RPV2-N2BSE	B-F	UT	WESDYNE	c	_	-	EXEMPTION OF PT EXAMINATION	DEB	
		LOOP B INLET NOZZLE AT 113 DEG		01		C			RR-ENG-22.	1.510	
									CSCL-48/CSS-80/MU-44		
	004800	RPV2-N1BSE	B-F	UT	WESDYNE	С	-	-		PER	
		LOOP B OUTLET NOZZLE AT 158	B5.10						RR-ENG-22.		
×		DEG									
									CSCL-48/CSS-80/MU-44		
	004900	RPV2-N1CSE	B-F	UT	WESDYNE	с	-	-	EXEMPTION OF PT EXAMINATION	PER	
		LOOP C OUTLET NOZZLE AT 202	B5.10						RR-ENG-22.		
		DEG							· · ·		
									CSCL-48/CSS-80/MU-44		
	005000	RPV2-N2CSE	B-F	UT	WESDYNE	с	-	-	EXEMPTION OF PT EXAMINATION	PER	
		LOOP C INLET NOZZLE AT 247 DEG	B5.10						RR-ENG-22.		
									++CCCT 40/CCC 00/001 44++		
									CSCL-48/CSS-80/MU-44		
	005100	RPV2-N2DSE	B-F	UT	WESDYNE	с	-	-	EXEMPTION OF PT EXAMINATION	PER	
		LOOP D INLET NOZZLE AT 293 DEG	B5.10						RR-ENG-22.		
									CSCL-48/CSS-80/MU-44		
	005200	RPV2-N1DSE	B-F	UT	WESDYNE	С	-	-	EXEMPTION OF PT EXAMINATION	PER	
•.			B5.10						RR-ENG-22.		
· ~ ~ ~ ~		DEG									
									**CCCT / 9 / CCC. 90 /att / / ++		
									CSCL-48/CSS-80/MU-44		

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			CLASS 1 2	KCABWD STATUS COMPO	NENT	s		
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		ASME			0	G	т	
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SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
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	CLOSURE HEAD BOLTING (F	IG NO A-RPV-1)						
005501	1	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
005502		B-G-1(D)	UT	UTI-051 R1	D	-	-	
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
05503	3	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FÀCE.
								CS-47
05504	4	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
05505		B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM I
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
05506	б.	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM I
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
05507		B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47

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		FIRST IN		HIRD PERIOD, SECONE			(99	RF)			
REACTOR	PRESSURE VESSEL		CLASS I	XCABWD STATUS COMPC	NENTS						
	THEORY PHOONE				N		o				
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		SEC. XI			R	Е	н				
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UMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	м	R	**CALIBRATION BLOCK**			
				· · · · · · · · · · · · · · · · · · ·	-	-	-	· · · · · · · · · · · · · · · · · · ·			
	CLOSURE HEAD BOLTING (F	IG NO A-RPV-1)									
05508	8	B-G-1(D)	UT	UTI-051 R1	Ð	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	5
	FLANGE THREADS	B6.40						FLANGE FACE.			
								CS-47			
05509	9	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	•
	FLANGE THREADS	B6.40						FLANGE FACE.			
								CS-47			
05510	10	B-G-1 (D)	UT .	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	1
	FLANGE THREADS	B6.40						FLANGE FACE.			
								CS-47			
05511	11	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	5
	FLANGE THREADS	B6.40						FLANGE FACE.			
								CS-47			
05512	12	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	1
	FLANGE THREADS	B6.40						FLANGE FACE.			
								CS-47			
									-		
05513	13	B-G-1 (D)	UT	UTI-051 R1	D	-	_	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	
:	FLANGE THREADS	B6.40						FLANGE FACE.		-	
								CS-47			
05514	14	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MAN	UALLY F	ROM	
1	FLANGE THREADS	B6.40						FLANGE FACE.			

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				HIRD PERIOD, SECON				PRF)
				XCABWD STATUS COMP				
REACTOR	PRESSURE VESSEL							
			•		N		0	
		ASME			0	G	т	
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NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
					-	-	-	
	CLOSURE HEAD BOLTING (F	FIG NO A-RPV-1)						
005515	15	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
005536	16		1100		P			
005516	FLANGE THREADS	B-G-1(D) B6.40	01	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T FLANGE FACE.
	TBANGE IIINBADO	50.40						
		•						**CS-47**
005517	17	B-G-1(D)	1 m	UTI-051 R1	п	_	_	EXAMINE FLANGE THREADS MANUALLY FROM T
005517	FLANGE THREADS	B6.40	01	011-051 KI	D	-	-	FLANGE FACE.
			-					**CS-47**
005518	18	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.
								CS-47
005519	19	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.

								CS-47
005500	20				-			
005520	20 FLANGE THREADS	B-G-1(D) B6.40	ÚT.	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T FLANGE FACE.
		50.40						LENGE FROM.
								CS-47
					_			
005521		B-G-1(D)	σT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM T
	FLANGE THREADS	B6.40						FLANGE FACE.

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			FIRST IN	FERVAL, T	HIRD PERIOD, SECOND	OUT	AGE	(99	PRF)
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~	ROTOR	PRESSURE VESSEL							
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1	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	- -	м -	R -	**CALIBRATION BLOCK**
		CLOSURE HEAD BOLTING (FI	G NO A-RPV-1)	·					
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	005522		B-G-1(D)	0T	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE
		FLANGE THREADS	B6.40						FLANGE FACE.
									CS-47
			/- \			_			
		23 FLANGE THREADS	B-G-1(D) B6.40	UT.	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE FLANGE FACE.
									CS-47
	005524	24	B-G-1(D)	ITT	UTI-051 R1	n	-	_	EXAMINE FLANGE THREADS MANUALLY FROM THE
		FLANGE THREADS	B6.40						FLANGE FACE.
			· .						**CS-47**
4	005525	25	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE
		FLANGE THREADS	B6.40						FLANGE FACE.
									CS-47
			/->			_			
	005526	26 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE FLANGE FACE.
				·					**CS-47**
		27 FLANGE THREADS	B-G-1(D) B6.40	ŲT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE FLANGE FACE.
									CS-47
1	005528	28	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM TH
		FLANGE THREADS	B6.40		-				FLANGE FACE.
									CS-47

OR PRESSURE VESSEL	ASME		IRD PERIOD, SECOND CABWD STATUS COMPO			(99	JRF)
	ASME						
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AT EXAMINATION AREA	SEC. XI CATGY	EXAM		R			REMARKS
R IDENTIFICATION	ITEM NO		PROCEDURE				**CALIBRATION BLOCK**
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CLOSURE HEAD BOLTING (F	FIG NO A-RPV-1)						
9 29	B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40						FLANGE FACE.
							CS-47
	/-)			_			
5 30 FLANGE THREADS	B-G-1(D) B6.40	UT	UTI-051 Rl	D	-		EXAMINE FLANGE THREADS MANUALLY FROM TH
							CS-47
L 31	B-G-1(D)	UT	UTI-051 R1	п	_	_	EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40			-			FLANGE FACE.
	·						**CS-47**
2 32	B-G-1(D)	UT	UTI-051 R1	D	-		EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40						FLANGE FACE.
							CS-47
3 33	B-G-1(D)	UT	UTI-051 R1	D	_	-	EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40						FLANGE FACE.
							CS-47
4 34		UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40						FLANGE FACE.
							CS-47
5 35	B-G-1 (D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM TH
FLANGE THREADS	B6.40						FLANGE FACE.
							CS-47
	29 FLANGE THREADS 30 FLANGE THREADS 31 FLANGE THREADS 32 FLANGE THREADS 33 FLANGE THREADS 34 FLANGE THREADS	FLANGE THREADSB6.4030B-G-1(D)FLANGE THREADSB-G-1(D)31B-G-1(D)FLANGE THREADSB-G-1(D)32B-G-1(D)FLANGE THREADSB-G-1(D)S1B-G-1(D)FLANGE THREADSB-G-1(D)S4B-G-1(D)FLANGE THREADSB-G-1(D)S3B-G-1(D)S4B-G-1(D)S5B-G-1(D)	29 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 30 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 31 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 32 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 33 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 34 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 34 B-G-1(D) UT FLANGE THREADS B-G-1(D) UT 34 B-G-1(D) UT B6.40 B-G-1(D) UT 35 B-G-1(D) UT	29 B-G-1 (D) UT UTI-051 R1 30 B-G-1 (D) UT UTI-051 R1 30 FLANGE THREADS B-G-1 (D) UT UTI-051 R1 31 B-G-1 (D) UT UTI-051 R1 32 B-G-1 (D) UT UTI-051 R1 34 B-G-1 (D) UT UTI-051 R1 35 B-G-1 (D) UT UTI-051 R1	29B-G-1 (D) UT B6.40UTI-051 R1 UTI-051 R1D30B-G-1 (D) UT B6.40UTI-051 R1 UTI-051 R1D31B-G-1 (D) UT B6.40UTI-051 R1 UTI-051 R1D32B-G-1 (D) UT B6.40UTI-051 R1 UTI-051 R1D33B-G-1 (D) UT B6.40UTI-051 R1 UTI-051 R1D34B-G-1 (D) UT B6.40UTI-051 R1 B6.40D35B-G-1 (D) UT UTI-051 R1D	29 B-G-1 (D) UT UTI-051 R1 D - 30 B-G-1 (D) UT UTI-051 R1 D - 31 B-G-1 (D) UT UTI-051 R1 D - 32 B-G-1 (D) UT UTI-051 R1 D - 32 B-G-1 (D) UT UTI-051 R1 D - 32 B-G-1 (D) UT UTI-051 R1 D - 33 B-G-1 (D) UT UTI-051 R1 D - 33 B-G-1 (D) UT UTI-051 R1 D - 34 B-G-1 (D) UT UTI-051 R1 D - 34 B-G-1 (D) UT UTI-051 R1 D - 35 B-G-1 (D) UT UTI-051 R1 D -	29 B-G-1 (D) UT UTI-051 R1 D - - 30 B-G-1 (D) UT UTI-051 R1 D - - 30 B-G-1 (D) UT UTI-051 R1 D - - 31 B-G-1 (D) UT UTI-051 R1 D - - 31 B-G-1 (D) UT UTI-051 R1 D - - 32 B-G-1 (D) UT UTI-051 R1 D - - 32 B-G-1 (D) UT UTI-051 R1 D - - 33 B-G-1 (D) UT UTI-051 R1 D - - 33 B-G-1 (D) UT UTI-051 R1 D - - 34 B-G-1 (D) UT UTI-051 R1 D - - 34 B-G-1 (D) UT UTI-051 R1 D - - 35 B-G-1 (D) UT UTI-051 R1 D - -

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	REACTOR	PRESSURE VESSEL	•							
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	NUMBER	IDENTIFICATION		ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
		CLOSURE HEAD BOLTIN	G (FIG NO A-	<u>RPV-1)</u>			-		-	
	005536	36		B-G-1(D)	UT	UTI-051 R1	D	-	-	EXAMINE FLANGE THREADS MANUALLY FROM THE
		FLANGE THREADS		B6.40						FLANGE FACE.
										CS-47
	005701	1		B-G-1(D)	በም	UTI-052 R1	п	_	_	SUBSTITUTION OF UT EXAMINATION FOR VT-1
		FLANGE BUSHING		B6.50	01	011-032 KI	b	-	-	EXAMINATION OF OT EXAMINATION FOR VI-T EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING. **CS-100**
×	005702	2 FLANGE BUSHING		B-G-1(D) B6.50	UT .	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING. **CS-100**
	005703	3 FLANGE BUSHING		B-G-1(D) B6.50	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING. **CS-100**
	005704	4		B-G-1(D)	UT	UTI-052 R1	D	_	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
		FLANGE BUSHING		B6.50			-			EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING. **CS-100**
	005705	5 FLANGE BUSHING		B-G-1(D) B6.50	UT	UTI-052 R1	ם	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING. **CS-100**

005707 7 B-G-1(D) UT UTI-052 RI D - SUBSTITUTION OF UT EXAMINATION FOR EXAMINATION MANUALLY FROM THE TOP OF EXAMINATION MANUALLY FROM THE TOP OF BUSHING. +*CS-100+* 105708 8 B-G-1(D) UT UTI-052 RI D - SUBSTITUTION OF UT EXAMINATION FOR EXAMINATION MANUALLY FROM THE TOP OF BUSHING. 	REVISIO	ON: 0			PECTION SUMMARY - 2				
Description pressure version: ABME SEC. XI SUMMANT for AREA INDUCE EXAMINATION FAREA INDUCE INSUMMANT OF AREA INDUCE INSUMMANT OF AREA INSUME INSUMMANT OF AREA INSUMMANT IN AREA			FIRST IN					(99	RF)
Note O O O O SUMMARY EXAMINATION AREA CATUY EXAM E F F SUMMERS IDENTIFICATION CATUY EXAM E 0 F Remarks COSUME HEAD FOLTING THE NO MENDO PROCEDURE 0 F Remarks COSUME HEAD FOLTING FH NO MENDO PROCEDURE 0 F Remarks COSUME HEAD FOLTING FH NO MENDO PROCEDURE 0 F Remarks COSUME HEAD FOLTING FH NO MENDO PROCEDURE 0 F Remarks COSUME HEAD FOLTING FH NO MENDO PROCEDURE 0 F Remarks COSUME HEAD FOLTING B-0-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR EXAMINATION FOR THE TOP OF BUSHING. REMARKS 005707 7 B-0-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR EXAMINATION FOR THE REAL TOP OF BUSHING. REMARKS BUGHING B-0-1(D) UT 005709 9 B-0-1(D) UT UTI-052 R1 D - - SUBSTITUTION OF UT EXAMINATION FOR EXAMINATION FOR THE TOP OF BUSHING. 005710 10 B-0-1(D) UT UTI-052 R1 D - <td< th=""><th>REACTOR</th><th>PRESSURE VESSEL</th><th></th><th>CLASS 1</th><th>XCABWD STATUS COMPO</th><th>NENTS</th><th>3</th><th></th><th></th></td<>	REACTOR	PRESSURE VESSEL		CLASS 1	XCABWD STATUS COMPO	NENTS	3		
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	CLOSURE HEAD BOLTING (	FIG NO A-RPV-1)						
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								BUSHING.
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005716		B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
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								EXAMINATION MANUALLY FROM THE TOP OF THE
								BUSHING. **CS-100**
005717	17	B-G-1 (D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE
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EEACTOR PERSONE VESSEL ASNE XI EAN REAL REAL REAL REAL REAL REAL REAL REAL			FIRST IN	TERVAL, T	HIRD PERIOD, SEC	OND OUTA	AGE	(99	PRF)
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NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C N N R **CALIBRATION BLOCK**  CLOSURE HEAD BOLTING (FIG NO A-FPV-1)  D05718 19 FLANGE BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALLY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION FOR THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION FOR THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALLY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALLY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALLY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALLY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MAILALY FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION FROM THE TOP OF T BUSHING B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION			SEC. XI			R	Е	н	
CLOSULE HEAD BOLITING (FIG NO A-REV-1)         D05718       18       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION POR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION PER RR-ENG-23. FERFORM UT EXAMINATION PER RR-ENG-23. F	SUMMARY	EXAMINATION AREA	CATGY	EXAM		. E	0	Е	REMARKS
D05713       18       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-UNISHING. •*CS-100**         D05713       19       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMIN	IUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
D05713       18       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-UNISHING. •*CS-100**         D05713       19       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMIN							-	-	
D05713       18       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION FOR VT-UNISHING. •*CS-100**         D05713       19       B-G-1(D)       UTI-052       R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMIN									
PLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05719       19       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         D05720       20       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05721       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T         N05722       22       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05723       23       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T </td <td></td> <td>CLOSURE HEAD BOLTING (F</td> <td>IG NO A-RPV-1)</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		CLOSURE HEAD BOLTING (F	IG NO A-RPV-1)						
PLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05719       19       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         D05720       20       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05721       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T         N05722       22       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05723       23       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
PLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05719       19       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         D05720       20       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05721       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T         N05722       22       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         N05723       23       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T </td <td>05718</td> <td>18</td> <td>B-G-1(D)</td> <td>UT</td> <td>UTI-052 R1</td> <td>D.</td> <td>-</td> <td>-</td> <td>SUBSTITUTION OF UT EXAMINATION FOR VT-</td>	05718	18	B-G-1(D)	UT	UTI-052 R1	D.	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-
D05719       19       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING         D05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION FOR RB-ENG-23.       PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05722       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.					011 000	2			
D05719       19       B-G-1(D) UT       UTI-052 RI       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RE-ENG-3.         D05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RE-ENG-3.         D05720       20       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RE-ENG-3.         D05721       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05721       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05722       21       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05722       22       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05723       23       B-G-1(D) UT       UTI-052 RI       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         D05723       23       B-G-1(D) UT       UTI-052 RI       D       - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
<ul> <li>**CS-100**</li> <li>205719 19 FLANGE BUSHING</li> <li>B-0-1(D) UT</li> <li>UTI-052 R1</li> <li>D</li> <li>SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-33. PERFORM UT EXAMINATION PER RR-ENG-33. PERFORM UT</li> <li>**CS-100**</li> <li>**C</li></ul>									
205719       1.9       E-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         20       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23.         05720       20       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-33.         05721       21       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005721       21       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005722       22       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005722       22       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23.       PERFORM UT EXAMINATION PER RR-ENG-23.       PERFORM UT EXAMINATION PER RR-ENG-23.         005723 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
FLANGE BUSHING       B6.50       EXAMINATION PER R. ENG.23. PERPORM UT         V05720       20       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05720       20       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05721       21       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05721       21       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05723       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         V05723					. •				**CS-100**
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         V05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T									
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         V05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         V05721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         V05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T	05710	19		T TTT		~			
<ul> <li>105720 20</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING</li> <li>BG.50</li> <li>BG.50</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> <li>105721 21</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> <li>105722 22</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> <li>105723 23</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> <li>105723 23</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> </ul>				UT	011-052 R1	D		-	
105720       20       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT EXAMINATION OF UT EXAMINATION FOR VT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100**         105721       21       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT EXAMINATION FOR VT EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100**         105722       22       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION PERFORM UT EXAMINATION PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100**         105723       23       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100**         105723       23       B-G-1 (D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100**         105723       23       B-G-1 (D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION PERFORM UT EXAMINATION PERFORM THE TOP OF T BUSHING.		FLANGE BUSHING	B6.50						
<ul> <li>^{++CS-100++}</li> <li>¹⁰⁵⁷²⁰ 20 PLANGE BUSHING</li> <li>^{B-G-1}(D) UT</li> <li>^{DTI-052 R1}</li> <li>^D - ⁻ SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. ^{++CS-100++}</li> <li>^{DO5721} 21 FLANGE BUSHING</li> <li>^{B-G-1}(D) UT</li> <li>^{DTI-052 R1}</li> <li>^D - ⁻ SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. ^{++CS-100++}</li> <li>^{DO5723} 22 FLANGE BUSHING</li> <li>^{B-G-1}(D) UT</li> <li>^{DTI-052 R1}</li> <li>^D - ⁻ SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. ^{++CS-100++}</li> </ul>									-
105720       20       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         105721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T EXAMINATION MANUALLY FROM THE TOP OF T EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         105722       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         105723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         105723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         105723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									BUSHING.
FLANGE BUSHING       B6.50       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05721       21       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         FLANGE BUSHING       B6.50       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05724       E1       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T			-						**CS-100**
FLANGE BUSHING       B6.50       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05721       21       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         FLANGE BUSHING       B6.50       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         D05724       E1       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T									
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05721       21       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       B6.50       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         EXAMINATION       B6.50       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         EXAMINATION       B6.50       EXAMINATION PAR-ENG-23.									
005721       21       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005722       22       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1 (D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.	05720	20	B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-
205721       21       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         PLANGE BUSHING       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         P05722       22       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT         P05723       23       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T         P05723       23       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-3.         P05723       23       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-3.         P05724       EJ       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-3.       PERFORM UT		FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
<ul> <li>**CS-100**</li> <li>21 FLANGE BUSHING</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION PER RR-ENG-23. PERFORM UT BUSHING.</li> <li>**CS-100**</li> <li>22 FLANGE BUSHING</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> <li>23 FLANGE BUSHING</li> <li>B-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D - SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>**CS-100**</li> </ul>									EXAMINATION MANUALLY FROM THE TOP OF T
005721       21       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION OF UT EXAMINATION FOR VT-BEAMINATION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION PER RR-ENG-23.         005722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-BE.50         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-BE.50         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-BE.50         005724       EXAMPLE       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-BE.50									BUSHING.
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.         b05722       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b05722       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b105723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b105723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b105723       EXAMINE B0.50       B6.50       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         b105723       EXAMINE B0.50       B6.50       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-									**CS-100**
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.         D05722       22       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         D05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         D05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         D05723       23       B-G-1(D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT       EXAMINATION PER RR-ENG-23. PERFORM UT									
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING.         D05722       22       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING         D05723       23       B-G-1 (D) UT       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING         D05723       EXAMINE BUSHING       B6.50       UTI-052 R1       D       -       SUBSTITUTION OF UT EXAMINATION FOR VT- BUSHING.									
005722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         105723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.	05721	21	B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-
D05722       22       B-G-1(D) UT       UTI-052 R1       D       -       -       SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXAMINATION MANUALLY FROM THE TOP OF THE SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION MANUALLY FROM THE TOP OF THE SUBSTITUTION OF UT EXAMINATION FOR VT-EXAMINATION FOR VT-EXA		FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
<ul> <li>b-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.</li> <li>x+cS-100**</li> <li>b-G-1(D) UT</li> <li>UTI-052 R1</li> <li>D SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT BUSHING.</li> </ul>									EXAMINATION MANUALLY FROM THE TOP OF T
005722       22       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT B0.50         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT- EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									BUSHING.
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.         105723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         EXAMINATION MANUALLY FROM THE TOP OF T       B6.50									**CS-100**
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         05723 23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.         **CS-100**       B6.50       EXAMINATION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T         BUSHING.       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T									
FLANGE BUSHING       B6.50       EXAMINATION PER RR-ENG-23. PERFORM UT         EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.         005723       23       B-G-1(D) UT       UTI-052 R1       D       SUBSTITUTION OF UT EXAMINATION FOR VT-         FLANGE BUSHING       B6.50       EXAMINATION MANUALLY FROM THE TOP OF T       BUSHING.									
EXAMINATION MANUALLY FROM THE TOP OF T BUSHING. **CS-100** D05723 23 B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.	05722	22	B-G-1 (D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-
BUSHING. **CS-100** 105723 23 B-G-1(D) UT UTI-052 R1 D SUBSTITUTION OF UT EXAMINATION FOR VT- FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.		FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UI
BUSHING. **CS-100** D05723 23 B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									EXAMINATION MANUALLY FROM THE TOP OF T
**CS-100** 005723 23 B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									
05723 23 B-G-1(D) UT UTI-052 R1 D - SUBSTITUTION OF UT EXAMINATION FOR VT- FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									•
FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									
FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.									
FLANGE BUSHING B6.50 EXAMINATION PER RR-ENG-23. PERFORM UT EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.	05723	23	B-G-1 (D)	UT	UTT-052 P1	п	-	-	SUBSTITUTION OF IT EXAMINATION FOR ME
EXAMINATION MANUALLY FROM THE TOP OF T BUSHING.				~•	ULL UJA KI	D	••	-	
BUSHING.			20.30						
**CS-100**									

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UMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
					-	-	~	
-	CLOSURE HEAD BOLTING (F	IG NO A-RPV-1)						
05724	24	B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM U
								EXAMINATION MANUALLY FROM THE TOP OF
								BUSHING.
								**CS-100**
							-	
05725	25	B-G-1(D)	UT	UTI-052 R1	D	_	-	SUBSTITUTION OF UT EXAMINATION FOR VT
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM U
								EXAMINATION MANUALLY FROM THE TOP OF
								BUSHING.
								**CS-100**
05726	26	. B-G-1(D)	UT	UTI-052 R1-	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM U
								EXAMINATION MANUALLY FROM THE TOP OF BUSHING.
								**CS-100**
05727	27	B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM U
								EXAMINATION MANUALLY FROM THE TOP OF
								BUSHING.
								**CS-100**
05728	28	B-G-1 (D)	זייד	UTI-052 R1	T	_	_	SUBSTITUTION OF UT EXAMINATION FOR VT
	FLANGE BUSHING	B6.50		Jaa JJE ML	2	-		EXAMINATION PER RR-ENG-23. PERFORM U
								EXAMINATION MANUALLY FROM THE TOP OF
								BUSHING.
								**CS-100**
05729	29		1 170	11777 050 51				OTECHTHERION OF THE PURCHASE AND THE
	FLANGE BUSHING	B-G-1(D) B6.50		UTI-052 R1	U	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT EXAMINATION PER RR-ENG-23. PERFORM U
		50.50						EXAMINATION PER RR-ENG-23. PERFORM U EXAMINATION MANUALLY FROM THE TOP OF
								BUSHING.

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REACTOR	R PRESSURE VESSEL							
					N		0	
		ASME			0	G	T	
		SEC. XI			R			
	EXAMINATION AREA	CATGY	EXAM		E			REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
	•			· · · · · · · · · · · · · · · · · · ·		-	-	
	CLOSURE HEAD BOLTING (	FIG NO A-RPV-1)						
005730	30	B-G-1(D)	ITT	UTI-052 R1	D	_	_	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50	01	011 002 KI	Đ			EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE
								BUSHING.
								**CS-100**
005731		B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING.
								**CS-100**
05732	30	B-G-1(D)	tro	UTI-052 R1	D			
	FLANGE BUSHING	B6.50	01	011-052 RI	Ц	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1 EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE
								BUSHING.
								**CS-100**
005733	33	B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE
								BUSHING. **CS-100**
005734	34	B-G-1(D)	UT	UTI-052 R1	D	-	_	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50	••	011 052 KI	5			EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE
								BUSHING.
								**CS-100**
005735		B-G-1(D)	UT	UTI-052 R1	D	-	-	SUBSTITUTION OF UT EXAMINATION FOR VT-1
	FLANGE BUSHING	B6.50						EXAMINATION PER RR-ENG-23. PERFORM UT
								EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING.
								**CS-100**
<u></u>								

REVIS.	ION: 0		TERVAL, TH	PECTION SUMMARY - 2 HIRD PERIOD, SECOND KCABWD STATUS COMPO	OUI	AGE		PRF)
REACTO	R PRESSURE VESSEL					0		
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	-	ASME			0	G	т	
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SUMMARY	Y EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С -	M -	R -	**CALIBRATION BLOCK**
	CLOSURE HEAD BOLTING (FIG NO	A-RPV-1)						
005736	36	B-G-1(D)	זיז	UTI-052 R1	n	_	_	SUBSTITUTION OF UT EXAMINATION FOR VT-1
005750	FLANGE BUSHING	B6.50	01	011-052 RI	U	-	-	EXAMINATION PER RR-ENG-23. PERFORM UT
	FIANGE BUSHING							EXAMINATION MANUALLY FROM THE TOP OF THE BUSHING.
								**CS-100**
	VESSEL INTERIOR (FIG NO A-RPV	-1, 2)						
006200	VESSEL INTERIOR	B-N-1(S) B13.10	VT-3	TGX-ISI-88	С	-	-	
06400	VESSEL INTERIOR ATTACHMENTS BEYOND BELTLINE REGION	B-N-2(D) B13.60	VT-3	TGX-ISI-88	D	-	-	EXAMINATION INCLUDES THE SIX CORE SUPPORT LUGS AS SHOWN IN FIG. A-RPV-1.
	VESSEL CORE SUPPORT STRUCTURE	(FIG NO A	-RPV-5)					
006502	ITEM NO. 1	B-N-3 (D)	VT-3	TGX-ISI-88	D	_	_	EXAMINE ACCESSIBLE THERMOCOUPLE CLAMPS
	UPPER CORE SUPPORT ASSEMBLY	B13.70						INSIDE THE THERMOCOUPLE COLUMNS.
006504		B-N-3 (D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE CONDUIT SWAGLOCK
	UPPER CORE SUPPORT ASSEMBLY	B13.70						FITTINGS, BANDINGS, AND TAB LOCKS.
006506	ITEM NO. 3	B-N-3 (D)	VT-3	TGX-ISI-88	a	_	-	EXAMINE ACCESSIBLE CLAMPS ON MOUNTING
	UPPER CORE SUPPORT ASSEMBLY	B13.70						BRACKETS.
	ITEM NO. 4	B-N-3 (D)		TGX-ISI-88				EXAMINE ACCESSIBLE CONDUIT CLAMP WELDS.

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SUMMARY EXA NUMBER IDE 	PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	ITEM NO <u>E (FIG NO A</u> B-N-3 (D)	EXAM METHOD  -RPV-5) VT-3	XCABWD STATUS COM PROCEDURE TGX-ISI-88 TGX-ISI-88	N O G R E O C M	T H E R -	
SUMMARY EXA NUMBER IDE 	AMINATION AREA ENTIFICATION SSEL CORE SUPPORT STRUCTURE EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	SEC. XI CATGY ITEM NO  E (FIG NO A- B-N-3 (D) B13.70 B-N-3 (D)	METHOD - <u>RPV-5)</u> VT-3	TGX-ISI-88	0 G R E E 0 C M	T H E R -	**CALIBRATION BLOCK**
NUMBER         IDE           006510         ITE           006512         ITE           006514         ITE           006516         ITE           006518         ITE	ENTIFICATION SSEL CORE SUPPORT STRUCTURE EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	SEC. XI CATGY ITEM NO  E (FIG NO A- B-N-3 (D) B13.70 B-N-3 (D)	METHOD - <u>RPV-5)</u> VT-3	TGX-ISI-88	0 G R E E 0 C M	T H E R -	**CALIBRATION BLOCK**
NUMBER         IDE           006510         ITE           006512         ITE           006514         ITE           006516         ITE           006518         ITE	ENTIFICATION SSEL CORE SUPPORT STRUCTURE EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	SEC. XI CATGY ITEM NO  E (FIG NO A- B-N-3 (D) B13.70 B-N-3 (D)	METHOD - <u>RPV-5)</u> VT-3	TGX-ISI-88	R E E O C M 	H E -	**CALIBRATION BLOCK**
NUMBER         IDE           006510         ITE           006512         ITE           006514         ITE           006516         ITE           006518         ITE	ENTIFICATION SSEL CORE SUPPORT STRUCTURE EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	CATGY ITEM NO  <u>E (FIG NO A-</u> B-N-3 (D) B13.70 B-N-3 (D)	METHOD - <u>RPV-5)</u> VT-3	TGX-ISI-88	Е О С М  D -	E R -	**CALIBRATION BLOCK**
NUMBER         IDE           006510         ITE           006512         ITE           006514         ITE           006516         ITE           006518         ITE	ENTIFICATION SSEL CORE SUPPORT STRUCTURE EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	ITEM NO E (FIG NO A B-N-3 (D) B13.70 B-N-3 (D)	METHOD - <u>RPV-5)</u> VT-3	TGX-ISI-88	СМ  Д -	R -	**CALIBRATION BLOCK**
006510 ITE UPF 006512 ITE UPF 006514 ITE 006516 ITE UPP	EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	E (FIG NO A B-N-3 (D) B13.70 B-N-3 (D)	VT-3	TGX-ISI-88	D -		EXAMINE ACCESSIBLE UPPER SUPPORT COLU
006510 ITE UPF 006512 ITE UPF 006514 ITE 006516 ITE UPP	EM NO. 5 PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	B-N-3 (D) B13.70 B-N-3 (D)	VT-3	TGX-ISI-88			
UPF 006512 ITE UPF 006514 ITE 006516 ITE 006518 ITE	PER CORE SUPPORT ASSEMBLY EM NO. 6 PER CORE SUPPORT ASSEMBLY	B13.70 B-N-3(D)					
006512 ITE UPF 006514 ITE 006516 ITE UPP	EM NO. 6 PER CORE SUPPORT ASSEMBLY	B-N-3 (D)	VT-3	TGX-ISI-88	D -	_	NUT TO EXTENSION WELDS.
UPF 006514 ITE UPP 006516 ITE UPP	PER CORE SUPPORT ASSEMBLY		VT-3	TGX-ISI-88	D -	_	
UPF 006514 ITE UPP 006516 ITE UPP	PER CORE SUPPORT ASSEMBLY		VT-3	TGX-ISI-88	D -	_	
006514 ITE UPP 006516 ITE UPP 006518 ITE		B13.70					EXAMINE ACCESSIBLE CONDUIT SUPPORT
UPP 006516 ITE UPP 006518 ITE	EM NO 7						BRACKET WELDS.
UPP 006516 ITE UPP 006518 ITE							
UPP 006518 ITE	EM NO. 7 PER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	TGX-ISI-88	D -	-	EXAMINE ACCESSIBLE HOLD-DOWN SPRING INTERFACE SURFACE.
UPP 006518 ITE							
006518 ITE	EM NO. 8	B-N-3 (D)	VT-3	TGX-ISI-88	D -	_	EXAMINE ACCESSIBLE WELDS ON SUPPORT
	PER CORE SUPPORT ASSEMBLY	B13.70		÷			COLUMN LOWER NOZZLES.
		! `					
	EM NO. 9 PER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT-3	TGX-ISI-88	D -	-	EXAMINE ACCESSIBLE UPPER CORE PLACE INSERTS.
	EM NO. 10 PER CORE SUPPORT ASSEMBLY	B-N-3(D)	VT-3	TGX-ISI-88	D -	-	EXAMINE ACCESSIBLE THERMOCOUPLE COLUM AND GUIDE TUBE LOCKING DEVICES.
		513170					
							· · ·
	EM NO. 11	B-N-3(D) B13.70	VT-3	TGX-ISI-88	D -	-	EXAMINE ACCESSIBLE SUPPORT COLUMN AND CORE INSERT SCREW LOCKING DEVICES.
	PER CORE SUPPORT ASSEMBLY						
006523 ITE	PER CORE SUPPORT ASSEMBLY			TGX-ISI-88	P	-	EXAMINE ACCESSIBLE UPPER SUPPORT SKIR

				ELECTRIC GENERATING				JNIT 2 PAGE: 2
REVISIO	ON: 0			PECTION SUMMARY - 21				
		FIRST IN		HIRD PERIOD, SECOND (CABWD STATUS COMPON			(99	JRF)
REACTOR	PRESSURE VESSEL		CLASS 1 2	CABWD STATUS COMPO	N 65 IN 1			
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SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		м -		**CALIBRATION BLOCK**
					-	-	-	
	VESSEL CORE SUPPORT STRUCTURE	(FIG NO A	-RPV-5)					
006524	ITEM NO. 13	B-N-3 (D)	VT-3	TGX-1S1-88	D	÷	-	EXAMINE ACCESSIBLE UPPER SUPPORT SKIR
	UPPER CORE SUPPORT ASSEMBLY							TO FLANGE GIRTH WELD.
006526	ITEM NO. 14	B-N-3 (D)	VT-3	TGX-ISI-88	D	_	_	EXAMINE ACCESSIBLE GUIDE TUBE WELDS.
	UPPER CORE SUPPORT ASSEMBLY							· · ·
006528	ITEM NO. 15		VT-3	TGX-ISI-88	п		_	EXAMINE ACCESSIBLE UPPER CORE PLATE
000520	UPPER CORE SUPPORT ASSEMBLY	B13.70	V1-3	197-131-00	U			LOCKING DEVICES.
			-					
006530	ITEM NO. 16	B-N-3 (D)	<b>VT</b> -3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE LIFTING ROD LOCK
	UPPER CORE SUPPORT ASSEMBLY	B13.70						WELDS.
		/->			_			
006532	ITEM NO. 17 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE UPPER BARREL TO
	BONER CORE SOFFORT ROSENEDT	515.70						FLANGE GIRTH WELD.
006534	ITEM NO. 18	B-N-3 (D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE UPPER BARREL TO LO
	LOWER CORE SUPPORT ASSEMBLY	B13.70						BARREL GIRTH WELD.
006536	ITEM NO. 19	B-N-3 (D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE LOWER BARREL TO CO
	LOWER CORE SUPPORT ASSEMBLY	B13.70						SUPPORT WELD.
006538	ITEM NO. 20	B-N-3 (D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE UPPER CORE PLATE
	LOWER CORE SUPPORT ASSEMBLY	B13.70						ALIGNING PIN WELDS AND BEARING SURFAC

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~	REACTOR	PRESSURE VESSEL		CLASS I	XCABWD STATUS COMPO	NEN	rs				
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		EXAMINATION AREA	SEC. XI				Е		REMARKS		
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	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**		
						-	-	-			
		VESSEL CORE SUPPORT STRUCTURE	(FIG NO A	-RPV-5)							
	006540	ITEM NO. 21	B-N-3(D)	VT-3	TGX-ISI-88	D		-	EXAMINE ACCESSIBLE OUTLET NOZZLE		
		LOWER CORE SUPPORT ASSEMBLY	B13.70						INTERFACE SURFACE CONDITION.		
	006542	ITEM NO. 22	B-N-3 (D)	VT-3	TGX-ISI-88	D	-	_	EXAMINE ACCESSIBLE NEUTRON SHIELD PANEL		
		LOWER CORE SUPPORT ASSEMBLY	B13.70						DOWEL PIN COVER PLATE WELDS.		
	006544	ITEM NO. 23	B-N-3 (D)	<b>VT-3</b>	TGX-ISI-88	D	_	-	EXAMINE ACCESSIBLE NEUTRON SHIELD PANEL		
		LOWER CORE SUPPORT ASSEMBLY	B13.70						SCREW LOCKING DEVICES.		
	006546	ITEM NO. 24	B-N-3 (D)	VT-3	TGX-ISI-88	D	_	-	EXAMINE ACCESSIBLE INTERFACE SURFACES AT		
		LOWER CORE SUPPORT ASSEMBLY		-					THE SPACER PADS ALONG THE TOP AND BOTTOM		
									ENDS OF THE NEUTRON PANELS.		
	006548	ITEM NO. 25	B-N-3(D)	VT-3	TGX-ISI-88	п	_	_	EXAMINE ACCESSIBLE BAFFLE ASSEMBLY SCREW		
		LOWER CORE SUPPORT ASSEMBLY	B13.70		101 101 00	2			LOCKING ARRANGEMENTS AT THE TWO TOP AND		
									BOTTOM ELEVATIONS.		
	006550	ITEM NO. 26	B-N-3 (D)	እም- 2	TGX-ISI-88	P			EXAMINE ACCESSIBLE FUEL PIN TO CORE		
		LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	V1-3		D	-	-	SUPPORT LOCKING DEVICES.		
	006552	ITEM NO. 27				_					
		LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VI-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE SECONDARY CORE SUPPORT HOUSING TO BASE PLATE WELD.		
									borrowi wooding to phos that while.		
	006551	THEN NO. 20	<b>N N N N</b>								
		ITEM NO. 28 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	VT~3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE LOCKING DEVICES AND		
		GOLD COLLOCI ADDRIDII	513.70						CONTACT OF THE BOTTOM INSTRUMENTATION GUIDE COLUMNS WHERE ATTACHED TO THE CORE		
									CORE CORE		

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		FIRST IN		KCABWD STATUS CON			(9)	ykr)			
REACTOR	PRESSURE VESSEL			ACABAD SIAIUS CO	IPONEN I 2	>					
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		ASME	-		0		-				
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SUMMARY	EXAMINATION AREA	CATGY	EXAM		E			REMARKS			
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**			
						-	-				
	VESSEL CORE SUPPORT STRUCTURE	(FIG NO A	<u>-RPV-5)</u>								
006556	ITEM NO. 29	B-N-3 (D)	VT-3	TGX-ISI-88	D	_	-	EXAMINE ACCESSIBLE LOCKING DEVICES OF			
	LOWER CORE SUPPORT ASSEMBLY	B13.70						THE SECONDARY CORE SUPPORT COLUMNS WHE			
								ATTACHED TO THE CORE SUPPORT AND TIE			
								PLATES.			
				-				·			
006550	TTEM NO 20	D M 2 (D)	1000 2	mov tot oo	2		-				
	ITEM NO. 30 LOWER CORE SUPPORT ASSEMBLY	B-N-3(D) B13.70	V1-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE RADIAL SUPPORT KEY WELDS.			
006560	ITEM NO. 31	B-N-3 (D)	VT-3	TGX-ISI-88	D	-	-	EXAMINE ACCESSIBLE RADIAL SUPPORT KEY			
	LOWER CORE SUPPORT ASSEMBLY	B13.70						LOCKING ARRANGEMENTS AND BEARING			
								SURFACES.			
								-			
06562	ITEM NO. 32	B-N-3 (D)	VT-3	TGX-ISI-88	D	_	-	EXAMINE ACCESSIBLE HEAD AND VESSEL			
	LOWER CORE SUPPORT ASSEMBLY	B13.70	-					ALIGNING PINS SCREW LOCKING DEVICES AN			
				·				BEARING SURFACES.			
06564	ITEM NO. 33	B-N-3(D)	VT- 3	TGX-ISI-88	D		_	EXAMINE ACCESSIBLE IRRADIATION SPECIME			
	LOWER CORE SUPPORT ASSEMBLY	B13.70			2			GUIDE SCREW LOCKING DEVICES AND DOWEL			
								PINS.			
	CONTROL ROD DRIVE HOUSING WELD	S (FIG NO	A-RPV-4)								
006600	CONTROL ROD DRIVE HOUSING WELL	B-0(D)	₽T	ZA-0012 R2	D	-	-	EXAMINED CRD HOUSING WELDS ON CRD			
		B14.10						HOUSINGS NOS. 54, 66, AND 79.			

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		FIRST IN	ITERVAL, TH	IRD PERIOD, SECOND	OUT	AGE	(99	PRF)
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	EXAMINATION AREA	CATGY	EXAM			0		REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		м -	R -	**CALIBRATION BLOCK**
						•		
	CIRCUMFERENTIAL WELDS (FIG NO	A-PRZ-1)						
010100	PRZ-2-C1	B-B	UT	UTI-004 R3	c			
	UPPER HEAD TO SHELL A	B2.11	UT	UTI-017 R2		_		
								**CSCL-89**
	LONGITUDINAL WELDS (FIG NO A-P	RZ-1)						
010300	PRZ-2-L1 SHELL A LONGITUDINAL SEAM WELD	B-B B2.12	UT UT	UTI-004 R3 UTI-017 R2			-	EXAMINED 1 FOOT OF WELD ADJACENT TO THE CIRCUMFERENTIAL WELD.
					C			
								**CSCL-89**
	MANWAY BOLTING (FIG NO A-PRZ-1	<u>)</u>						
012301	PRZ-2-BOLTING(1-5)	B-G-2	VT-1	ZA-0024 R2	C	-	-	
		B7.20						
012302	PRZ-2-BOLTING(6-10)	B-G-2 B7.20	VT-1	ZA-0024 R2	С	-	•	
012303	PRZ-2-BOLTING(11-16)	B-G-2	VT-1	ZA-0024 R2	~			
012505		B7.20	VI-1	2A-0024 K2	C	-	-	
	INTEGRAL ATTACHMENTS (FIG NO A	-PRZ-1)						
012500		B-H	PT	ZA-0012 R2	с	-	-	
	SIESMIC LUG	B8.20						
012510		B-H	PT	ZA-0012 R2	С	-	-	
	SIESMIC LUG	B8.20						
/						•		

FIRST INTERVAL, THIRD PERIOD, SECOND OUTAGE (99RF)	
TINDI INIBNARD, INIRD PERIOD, SECOND OUTROE (99RF)	
CLASS 1 XCABWD STATUS COMPONENTS	
PRESSURIZER	
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SUMMARY EXAMINATION AREA CATGY EXAM E O E REMARKS	
NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK**	
INTEGRAL ATTACHMENTS (FIG NO A-PRZ-1)	·
012520 3 B-H PT ZA-0012 R2 C	
SIESMIC LUG B8.20	
012530 4 B-H PT ZA-0012 R2 C	
SIESMIC LUG B8.20	

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• • • • • • •	STEAM G	ENERAI	<u>ror 2D (</u>	PRIMARY	SIDE)	FIRST IN		RD PERIOD, SEC ABWD STATUS CO			(99	RF)
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										-	-	
		MANWA	Y BOLTI	NG (FIG	NO A-SG-2)							
	018900	SG-2I	O-OMB			B-G-2	VT-1	ZA-0024 R2	с	-	-	

OUTLET MANWAY BOLTING

B7.30

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				HIRD PERIOD, SECO				9RF)
			CLASS 1 X	CABWD STATUS COM	PONENT	s		
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STIMMAR	RY EXAMINATION AREA	SEC. XI CATGY	EXAM			E O		REMARKS
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						-	-	
	20 BC 2101 NCC 100B 1 (							
	<u>29-RC-2101-NSS - LOOP 1 (</u> )	FIG NO A-RC-I)	•					
100720	0 1	B-J	UT	WESDYNE	с	-	-	MANDATORY ISI - TE. EXEMPTION OF PT
	RPV SAFE END TO PIPE	B9.11						EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**
								CSC2 - 407 CSS - 507 M0 - 44 m
	29-RC-2201-NSS - LOOP 2 (1	FIG NO A-RC-2)						
100000					•			
100860	RPV SAFE END TO PIPE	B-J B9.11	UT	WESDYNE	С	-	-	MANDATORY ISI - TE. EXEMPTION OF PT EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**
e e e e e e e e e e e e e e e e e e e	<u>29-RC-2301-NSS - LOOP 3 (1</u>	FIG NO A-RC-3)						
101000	1	B-J	UT	WESDYNE	С	-	-	MANDATORY ISI - TE. EXEMPTION OF PT
	RPV SAFE END TO PIPE	B9.11						EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**
	<u> 29-RC-2401-NSS - LOOP 4 (I</u>	FIG NO A-RC-4)			-			
101140		۲ <b>ת</b>		NEODIDER				
101140	RPV SAFE END TO PIPE	B-J B9.11	UT	WESDYNE	С	-	-	MANDATORY ISI - TE. EXEMPTION OF PT EXAMINATION PER RR-ENG-22.
		20111						EXAMINATION FER RE-ENG-22.
								**CSCL-48/CSS-80/MU-44**
	27.5-RC-2103-NSS - LOOP 1	(FIG NO A-RC-	1)					
101330	7	B-J	UT	WESDYNE	с	_	_	MANDATORY ISI - TE. EXEMPTION OF PT
	ELBOW TO RPV SAFE END	B9.11			Ū			EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**
	27.5-RC-2203-NSS - LOOP 2	(FIG NO A-RC-	2)					
±01470	5	B-J	UT	WESDYNE	с	-		MANDATORY ISI - TE. EXEMPTION OF PT
	ELBOW TO RPV SAFE END	B9.11	~*	<i>HEODINE</i>	Ľ	-	-	EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**

REVISIO	DN: 0		TERVAL, T	PECTION SUMMARY - 2 HIRD PERIOD, SECOND XCABWD STATUS COMPC	O OUTA	AGE		PRF)
REACTOR	COOLANT SYSTEM							
					N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	Н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		. Е	0	E	REMARKS
	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
					-	-	-	
	27.5-RC-2303-NSS - LOOP 3	(FIG NO A-RC-	3)					
101620	6	B-J	UT	WESDYNE	с	_	-	MANDATORY ISI - TE. EXEMPTION OF PT
	ELBOW TO RPV SAFE END	B9.11						EXAMINATION PER RR-ENG-22.
								**CSCL-48/CSS-80/MU-44**
				. •				
	27.5-RC-2403-NSS - LOOP 4	(FIG NO A-RC-	<u>4)</u>					
101760	6	B-J	UT	WESDYNE	с	-	-	MANDATORY ISI - TE. EXEMPTION OF PT
	ELBOW TO RPV SAFE END	B9.11						EXAMINATION PER RR-ENG-22.
		-						**CSCL-48/CSS-80/MU-44**
	8-RC-2324-BB1 (FIG NO A-RC	-12)						
103510	2	B-J	PT	ZA-0012 R2	С	-	-	
	PIPE TO ELBOW	B9.11	UT	UTI-001 R3	С	-	-	
								**SS-11**
103540	5	B-J	PT	ZA-0012 R2	С	-	-	
	ELBOW TO PIPE	B9.11	UT	UTI-001 R3	-	С	-	
								**SS-11**
	6-RC-2004-NSS (FIG NO A-RC	-6)						
103950		B-G-2	VT-1	ZA-0024 R2	C	-	-	PERFORMED BASELINE VISUAL OF ONE OUTI
	FLANGE BOLTING	B7.50						STUD AS A RESULT OF THE INSTALLATION VALVE NO.PSV-3452 IN ACCORDANCE WITH
								98000515. ISI OF REMAINDER COMPLETE
								FOR FIRST INTERVAL.
	6-RC-2009-NSS (FIG NO A-RC	-6)						
104130	9FB	B-G-2	VT-1	ZA-0024 R2	с	-	_	PERFORMED BASELINE VISUAL OF ONE OUTH
	FLANGE BOLTING	B7.50						STUD AS A RESULT OF THE INSTALLATION
								VALVE NO.PSV-3451 IN ACCORDANCE WITH
								98000513. ISI OF REMAINDER COMPLETED

REV	VISION:	0			PECTION SUMMARY -				PRF)
				CLASS 1 X	CABWD STATUS COMP	ONENTS	3		
REAC	TOR COO	LANT SYSTEM							· · · ·
						N		-	·
			ASME	•		. 0			
cumm		MINAGION ADDA	SEC. XI	TY M		R			REMARKS
		MINATION AREA NTIFICATION	CATGY ITEM NO	EXAM	PROCEDURE	E		R	
						-	-	-	
	<u>6-R</u>	C-2012-NSS (FIG NO A-RC-6)		-					
1043	30 11F	в	B-G-2	VT-1	ZA-0024 R2	с	-	-	PERFORMED BASELINE VISUAL OF ONE OUTLET
	FLA	NGE BOLTING	B7.50						STUD AS A RESULT OF THE INSTALLATION OF
									VALVE NO.PSV-3450 IN ACCORDANCE WITH PM:
									98000512. ISI OF REMAINDER COMPLETED
									FOR FIRST INTERVAL.
	<u>4-R</u>	C-2000-BB1 (FIG NO A-RC-14)	<u>)</u>						
1046	70 2		B-J	PT	ZA-0012 R2	с	_	_	
		E TO ELBOW	B9.11	UT	UTI-005 R3	-			
									**SS-7**
					-				
	<u>4 - R</u>	C-2003-BB1 (FIG NO A-RC-13)	<u>)</u>						-
		•		<u>.                                    </u>					
1048	40 2 DTD	E TO ELBOW	B-J B9.11	PT UT	ZA-0012 R2 UTI-005 R3				REMOVAL OF SUPPORT HL5003 REQUIRED FOR ACCESS (REF. CR 99-2261).
	FIF	E 10 BIBON	59.11	01		-	C	-	ACCESS (REF. CK 33-2261).
									**SS-6**
	<u>4 - R</u>	C-2123-BB1 (FIG NO A-RC-14)	<u>)</u>						
1051	.30 18	E TO ELBOW	B-J	PT	ZA-0012 R2				REMOVAL OF SUPPORT HL5010 REQUIRED FOR
	PIP	E IO ETROM	B9.11	UT .	UTI-005 R3	-	C	-	ACCESS (REF. CR 99-2261).
									**SS-7**
1051	50 20		B-J	PT	ZA-0012 R2	с		_	REMOVAL OF SUPPORT HL5013 REQUIRED FOR
		E TO VALVE	B9.11	UT	UTI-005 R3				ACCESS (REF. CR 99-2261).
									**SS-7**
	<u>4-R</u>	C-2126-BB1 (FIG NO A-RC-11)	<u>)</u> .						
1052	55 1		NRCB	UT	UTI-021 R0	-	A	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-08
	VAL	VE TO PIPE	88-08						BASELINE EXAMINATION WAS PERFORMED
									DURING 2RE02. THIS WELD WAS PT AND UT
									EXAM'D. FOR SECTION XI CREDIT DURING PSI

	02/01/2000 S N: 0	INSE	RVICE INSP	ELECTRIC GENERATIN	RE07	WE:	LDS	
		FIRST IN		IIRD PERIOD, SECOND			(99	RF)
5 7 <b>7 7 7 7</b> 7	COOLANT SYSTEM		CLASS 1 X	CABWD STATUS COMPO	NENTS	5		
BACIOR	COOLANT SISTEM				N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	н	
JMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
JMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		м -		**CALIBRATION BLOCK**
	4-RC-2126-BB1 (FIG NO A-RC-11)		•					
05265	2	NRCB	UT	UTI-021 R0	_	A	_	AUGMENTED ISI - NRCB 88-08. NRCB 88-0
	PIPE TO ELBOW	88-08						BASELINE EXAMINATION WAS PERFORMED
								DURING 2RE02. THIS WELD WAS PT AND UT
								EXAM'D. FOR SECTION XI CREDIT DURING P
								AND 2RE02 UNDER SUMM. NO. 105260.
								**SS-7**
	2	NECE	. m					
)5275	3 ELBOW TO PIPE	NRCB 88-08	UT	UTI-021 R0	-	A	· _	AUGMENTED ISI - NRCB 88-08. NRCB 88-0 BASELINE EXAMINATION WAS PERFORMED
		80-00						DURING 2RE02. THIS WELD WAS PT AND UT
								EXAM'D. FOR SECTION XI CREDIT DURING I
								AND 2RE02 UNDER SUMM. NO. 105270.
								**SS-7**
	·							
	4-RC-2323-BB1 (FIG NO A-RC-11)							
5615	1	NRCB	UT	UTI-021 R0	-	A	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-0
	VALVE TO PIPE	88-08						BASELINE EXAMINATION WAS PERFORMED
								DURING 2RE02. THIS WELD WAS PT AND UT
								EXAM'D. FOR SECTION XI CREDIT DURING
								AND 2RE02 UNDER SUMM. NO. 105610. **SS-7**
05623	2	NRCB	UT	UTI-021 R0	-	A	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-
	PIPE TO ELBOW	88-08						BASELINE EXAMINATION WAS PERFORMED
								DURING 2RE02. THIS WELD WAS PT AND U
								EXAM'D. FOR SECTION XI CREDIT DURING
								AND 2RE02 UNDER SUMM. NO. 105620.
								**SS-7**
15675	2		t ros	IIIII 000 50				
)5635	3 ELBOW TO PIPE	NRCB 88-08	UT	UTI-021 R0	-	Α	-	AUG.ISI - NRCB 88-08. NRCB 88-08 B'L: EXAM @ PSI UNDER SUMM. NO. 105640. WI
		00-00						PT AND UT EXAM'D. FOR CODE CREDIT @ PS
								UNDER SUMM. NO. 105630. REM. OF PIPE
								HANGER IS REQ'D. FOR EXAM.
								HANGER IS REQ D. FOR EARN.

		02/01/2000 5 DN: 0	INSE	ERVICE INSPE	ELECTRIC GENERATING CTION SUMMARY - 21 RD PERIOD, SECOND	RE07	WE	LDS	
\				CLASS 1 XC	CABWD STATUS COMPON	NENT	s		
	REACTOR	COOLANT SYSTEM				N		0	
		-	ASME SEC. XI			0	G	т н	•• •
		EXAMINATION AREA	CATGY						REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE		м		**CALIBRATION BLOCK**
	105760	<u>4-RC-2420-BB1 (FIG NO A-RC-10)</u>			ZA-0012 R2 UTI-005 R3	c c	_	-	
			-						**SS-7**
		<u>4-RC-2422-BB1 (FIG NO A-RC-13)</u>	<u>-</u>						
	106070	15	B-J	PT	ZA-0012 R2	с	-	-	
		ELBOW TO PIPE	B9.11	UT	UTI-005 R3	-	с	-	
									**SS-7**
	1.06080	16	B-J	PT .	ZA-0012 R2	С	-	-	
·		PIPE TO ELBOW	B9.11	UT	UTI-005 R3	-	С	-	
									**SS-7**
	106090	17 ELBOW TO PIPE	B-J B9.11	PT UT	ZA-0012 R2 UTI-005 R3	С			
			B9.11	01	011-005 83	-	C	-	
		3-RC-2003-BB1 (FIG NO A-RC-13)							**SS-7**
		<u>3-RC-2003-BB1 (FIG NO A-RC-13)</u>	-						
	106205	1 REDUCER TO PIPE	NRCB 88-08	UT	UTI-021 RO	A	-	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-08 B'LINE EXAM WAS PERFORMED AT PSI AND DURING 2RE02. WELD WAS PT EXAM'D. FOR CODE CREDIT DURING PSI AND 2RE02 UNDER SUMM. NO. 106200. **SS-94**
		3-RC-2015-NSS (FIG NO A-RC-7)							
								· •-	
	106400	16 PIPE TO VALVE	B-J	PT	ZA-0012 R2	с	-	-	
τ		TTO IN VALUE	B9.21						
~									

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	DATE: REVISI		INSE	RVICE INSPE TERVAL, THI	LECTRIC GENERATIN CTION SUMMARY - 2 RD PERIOD, SECOND ABWD STATUS COMPO	RE07 OUI	we Tage	LDS	
<u> </u>	REACTOR	COOLANT SYSTEM							
						N		0	
			ASME			0	G	т	
			SEC. XI			R	Е	н	
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ε	0	Е	REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**
						-	-	-	
		3-RC-2106-BB1 (FIG NO A-RC-15)							
	106850	1	B-J	PT	ZA-0012 R2	С	-	-	
		BRANCH CONNECTION TO CAP	B9.21						
	107965	<u>2-RC-2003-BB1 (FIG NO A-RC-13)</u>	NRCB	UT	UTI-021 R0	A	-	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-08
		VALVE TO PIPE	88-08						BASELINE EXAMINATION WAS PERFORMED DURING 2RE02. THIS WELD WAS PT EXAM'D. FOR SECTION XI CREDIT DURING PSI AND 2RE02 UNDER SUMM. NO. 107960. **SS-95**
~~~	107975	2 PIPE TO REDUCER	NRCB 88-08	υŢ	UTI-021 R0	A	-	-	AUGMENTED ISI - NRCB 88-08. NRCB 88-08 BASELINE EXAMINATION WAS PERFORMED DURING 2RE02. THIS WELD WAS PT EXAM'D. FOR SECTION XI CREDIT DURING PSI AND 2RE02 UNDER SUMM. NO. 107970. **SS-95**

.

	DATE :	02/01/2000	SOUTH TEXA	S PROJECT E	LECTRIC GENERATING	ST	ATI	ON U	NIT 2	PAGE:	33
	REVISI	ON: 0	INSE	RVICE INSPE	CTION SUMMARY - 2F	E07	WE	LDS			
			FIRST IN	TERVAL, THI	RD PERIOD, SECOND	OUT	AGE	(99	RF)		
2				CLASS 1 XC	ABWD STATUS COMPON	ENT	s				
-	CHEMICAL	L AND VOLUME CONTROL SYSTEM									
						N		0			
			ASME			0	G	т			
			SEC. XI			R	Е	н			
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS		
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**		
						-	-	-			
			i			-	-	-	· · · · · · · · · · · · · · · · · · ·		
		2-CV-2126-BB1 (FIG NO A-CV-5)	[.]			-	-	-	··		
		2-CV-2126-BB1 (FIG NO A-CV-5)	i			-	-	-			
	152960	2-CV-2126-BB1 (FIG NO A-CV-5)	в- <i>J</i>	PT	ZA-0012 R2	- c	-	-			
	152960		в-J В9.21	PT	ZA-0012 R2	- c	-	-			
	152960	2		PT	ZA-0012 R2	- c	-	-			
	152960	2		PT	ZA-0012 R2	c	-	-			
	152960	2		PT	ZA-0012 R2	c	-	-			
	152960 153020	2 PIPE TO VALVE		PT	ZA-0012 R2 ZA-0012 R2		-				

2-CV-2141-BB1 (FIG NO A-CV-7)

154260	1	B-J	PT	ZA-0012 R2	C
	VALVE TO BENT PIPE	B9.21		•	

					LECTRIC GENERATING				NIT 2 PAGE: 34
	REVISI	ON: 0			CTION SUMMARY - 2R				
			FIRST IN		RD PERIOD, SECOND			(99	RF)
أتمسي				CLASS 1 XC	ABWD STATUS COMPON	ENT	S		
	RESIDUA	L HEAT REMOVAL SYSTEM							
						N		0	
			ASME			0	G	Т	
			SEC. XI			R	Е	Ή	ue ta
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
						-	-	-	
						•			
		10-RH-2108-BB1 (FIG NO A-RH-4)							
	201440	4	B-J	PT	ZA-0012 R2	C.	-	-	
		PIPE TO ELBOW	B9.11	UT	UTI-001 R3	-	с	-	
									SS-58
					• *				
	201510	8	B-J	PT	ZA-0012 R2	с	-	-	
		PIPE TO PIPE	B9.11	UT	UTI-001 R3	-	с	-	
									SS-58
			-						
	201540	10	B-J	PT	ZA-0012 R2	С	-	-	
		ELBOW TO PIPE	B9.11	UT	UTI-001 R3	-	с	-	
									SS-58
		8-RH-2108-BB1 (FIG NO A-RH-4)							
	202480	1	B-J	PT	ZA-0012 R2	С		-	MANDATORY ISI-HS-UF. REMOVAL OF SUPPORT
		VALVE TO PIPE	B9.11	UT	UTI-001 R3	-	С	-	HL5002 IS REQUIRED FOR ACCESS (REF. CR
									99-9037).
									SS-10

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	02/01/2000 \$ ON: 0			ELECTRIC GENERAT PECTION SUMMARY -					PAGE :	35
107101				HIRD PERIOD, SECO				PRF)		
			-	KCABWD STATUS COM			(2)	,		
SAFETY	INJECTION SYSTEM					-				
<u></u>					N		0			
		ASME			0	G	т			
		SEC. XI			R	Е	н			
SUMMARY	EXAMINATION AREA	CATGY	EXAM		E	0	Е	REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**		
						-	-			
	8-SI-2327-BB1 (FIG NO A-SI-5)									
			-							
231520		B-J	PT	ZA-0012 R2	С	-	-			
	PIPE TO ELBOW	B9.11	UT	UTI-001 R3	-	С	-			
								SS-10		
231580		B-J	PT.	ZA-0012 R2	-	-				
	ELBOW TO PIPE	B9.11	UT	UTI-001 R3	-	С	-			
								SS-10		
	x									
	6-SI-2327-BB1 (FIG NO A-SI-5)									
133100		B-J	PT	ZA-0012 R2-	C	-	-	-		
	PIPE TO ELBOW	B9.11	UT	UTI-001 R3	-	С	-			
								SS-8		

DAIE:	02/01/2000	SOUTH TEXA	S PROJECI	ELECTRIC GENERAT	ING SI	HII		INIT 2 PAGE: 36
REVISIO	O : NC	INSE	RVICE INSE	PECTION SUMMARY -	2RE07	WE	LDS	
		FIRST IN	TERVAL, TH	HIRD PERIOD, SECO	ND OUT.	AGE	(99	PRF)
			CLASS 1 X	CABWD STATUS COM	PONENT	S		
REACTOR	COOLANT PUMP 2A							
					N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	Н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Ē	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
	· · · · · · · · · · · · · · · · · · ·					Ē	-	
	PUMP BOLTING (FIG NO A-RCP-1)							
260100	RCP-2A-PB	B-G-1(D)	UT	UTI-026 R0	D	_	-	EXAMINED BOLT NOS. 1 - 24 IN PLACE FROM
	PUMP BOLTS	B6.180						THE BOLT HEAD SURFACE.
								CS-96
260120	RCP-2A-FS	B-G-1(D)	VT-1	ZA-0024 R2	D	-	- 1	EXAMINED 1 IN. ANNULAR SURFACE OF FLANG
	FLANGE SURFACE	B6.190						SURROUNDING EACH PUMP BOLT.
260131	RCP-2A-SHB(1-5)	B-G-2	VT-1	ZA-0024 R2	с	-	-	·
	SEAL HOUSING BOLTS	B7.60						
260132	RCP-2A-SHB(6-10)	B-G-2	VT-1	ZA-0024 R2	С	-	-	
	SEAL HOUSING BOLTS	B7.60						
260133	RCP-2A-SHB(11-16)	B-G-2	VT-1	ZA-0024 R2	С	-	-	
	SEAL HOUSING BOLTS	B7.60						

PUMP CASING WELD (FIG NO A-RCP-1)

260142	RCP-2A-PCW	÷	N-481	VT-1	ZA-0024 R2	с	-	-	PERFORMED VT-1 VISUAL EXAMINATION OF THE
	PUMP CASING WELD								EXTERIOR OF THE PUMP CASING WELD (REF.
									CR 98-13591).

			TERVAL, T	PECTION SUMMARY - HIRD PERIOD, SECO XCABWD STATUS COM	ND OUT	AGE		9RF)
ALVES		•						
						-		
	-	ASME				G		
		SEC. XI	DVDV			E		DEWA DZO
	EXAMINATION AREA	CATGY ITEM NO	EXAM METHOD	PROCEDURE			E R	
						-	-	
	VALVE GROUP 1							
261100	PSV 3452-VB ON 6-RC-2004	B-G-2(C)	VT-1	ZA-0024 R2	в	_	-	PERFORMED BASELINE VISUAL EXAMINATION (
	FIG. NO. A-RC-6	B7.70						VALVE BOLTING ON REPLACEMENT VALVE
								INSTALLED PER PM: 98000515 (WAN:
								135429).
	PSV 3452-VIS ON 6-RC-2004	B-M-2(C)	כ יוויזי	ZA-0024 R2	ъ		_	PERFORMED BASELINE VISUAL EXAMINATION (
01120	FIG. NO. A-RC-6	B-M-2(C) B12.50	VI-3	2A-0024 R2	D	-	-	INTERIOR OF REPLACEMENT VALVE INSTALLE
	FIG. NO. A-RC-0	B12.30						PER PM: 98000515 (WAN: 135429). EXAMI
								ALL INTERNAL PRESSURE BOUNDARY SURFACE
								TO THE EXTENT PRACTICAL.
61160	PSV 3451-VB ON 6-RC-2009	B-G-2(C)	VT-1	ZA-0024 R2	в	-	-	PERFORMED BASELINE VISUAL EXAMINATION
	FIG. NO. A-RC-6	B7.70						VALVE BOLTING ON REPLACEMENT VALVE
	-							INSTALLED PER PM: 98000513 (WAN:
								135428).
261180	PSV 3451-VIS ON 6-RC-2009	B-M-2 (С)	VT-3	ZA-0024 R2	в	-	-	PERFORMED BASELINE VISUAL EXAMINATION
	FIG. NO. A-RC-6	B12.50						INTERIOR OF REPLACEMENT VALVE INSTALLE
								PER PM: 98000513 (WAN: 135428). EXAMI
								ALL INTERNAL PRESSURE BOUNDARY SURFACE
								TO THE EXTENT PRACTICAL.
261200	PSV 3450-VB ON 6-RC-2012	B-G-2(C)	VT-1	ZA-0024 R2	в	-	· _	PERFORMED BASELINE VISUAL EXAMINATION
	FIG. NO. A-RC-6	B7.70						VALVE BOLTING ON REPLACEMENT VALVE
								INSTALLED PER PM: 98000512 (WAN:
								135427).
261220	PSV 3450-VIS ON 6-RC-2012	B-M-2(C)	VT-3	ZA-0024 R2	В			PERFORMED BASELINE VISUAL EXAMINATION
	FIG. NO. A-RC-6	B12.50				•		INTERIOR OF REPLACEMENT VALVE INSTALLE
								PER PM: 98000512 (WAN: 135427). EXAMI
								ALL INTERNAL PRESSURE BOUNDARY SURFACE TO THE EXTENT PRACTICAL.

	SUMMARY NUMBER	RY FEEDWATER SYSTEM EXAMINATION AREA IDENTIFICATION 8-AF-2012-GA2[C] (FIG NC 2		EXAM	PROCEDURE	N O R E C	G E O	н	REMARKS	
	SUMMARY NUMBER	EXAMINATION AREA IDENTIFICATION 	SEC. XI CATGY ITEM NO			O R E C	G E O	Т Н	REMARKS	
:	NUMBER	IDENTIFICATION 8-AF-2012-GA2[C] (FIG NC	SEC. XI CATGY ITEM NO			O R E C	G E O	Т Н	REMARKS	
:	NUMBER	IDENTIFICATION 8-AF-2012-GA2[C] (FIG NC	CATGY ITEM NO			E C	0		REMARKS	
:	NUMBER	IDENTIFICATION 8-AF-2012-GA2[C] (FIG NC	ITEM NO			С		Е	REMARKS	
		8-AF-2012-GA2[C] (FIG NC		METHOD			м			
		8-AF-2012-GA2[C] (FIG NC							**CALIBRATION BLOCK**	
	354560) B-AF-7)				-	-		
	354560	2								
			C-F-2	мт	ZA-0018 R2	с	-	-	·	
		PIPE TO ELBOW	C5.51	UT	UTI-002 R3	-	С	-		
									CS-2	
	354930	20PL1-20PL8	C-C	MT	ZA-0018 R2	C	_	-		
		PIPE LUGS	C3.20			-				
	1									
:	355030	25PL1-25PL8	C-C	МТ	ZA-0018 R2	С	-	-		
		PIPE LUGS	C3.20						-	
						•				
	355060	27 ELBOW TO PIPE	C-F-2 C5.51	MT UT	ZA-0018 R2 UTI-002 R3		-			
			0.51	01	011-002 R3	C	-	-		
									CS-2	
-	355065	27PL1-27PL8	C-C	MT	ZA-0018 R2	С	-	-		
		PIPE LUGS	C3.20							
		8-AF-2012-GA2 [G] (FIG NO	8-አፍ-8ነ							
		<u></u>	<u> </u>							
3	355600		C-F-2	MT	ZA-0018 R2		-			
		REDUCER TO PIPE	C5.51	UT	UTI-002 R3	С	-	-		
									CS-2	
		8(6)-AF-2012-GA2 (FIG NO	_B-AF-7)							
		2	4							
3	57760	2 PIPE TO NOZZLE	C-F-2 C5.51	MT UT	ZA-0018 R2 UTI-002 R3		- C			
		· · · · · · · · · · · · · · · · · · ·	00.01	~.	011-002 K3	-	L	-		
									CS-73	

DATE :	02/01/2000	SOUTH TEXA:	S PROJECT E	LECTRIC GENERATING	ST	ATI	ом и	NIT 2 PAGE: 39
REVISIO	ON: 0	INSE	RVICE INSPE	CTION SUMMARY - 2R	E07	WE	LDS	
		FIRST IN	TERVAL, THI	RD PERIOD, SECOND	OUT	AGE	(99	RF)
			CLASS 2 XC	ABWD STATUS COMPON	ENT	s		
 AUXILIA	RY FEEDWATER SYSTEM							
					N		0	
		ASME			о	G	т	
		SEC. XI			R	Е	н	·
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
		· • • • • • • • • • • • • • • • • • • •			-	~	-	
	6-AF-2012-GA2 (FIG NO B-AF-	7, 8)						
360360	5	C-F-2	MT	ZA-0018 R2	С	-	-	
	ELBOW TO PIPE	C5.51	UT	UTI-002 R3	-	с	-	

CS-1

DATE:	02/01/2000 S			LECTRIC GENERATING				NIT 2 PAGE: 40
REVISIO	ON: 0	INSE	RVICE INSPE	CTION SUMMARY - 2R	E07	WE	LDS	
		FIRST IN	TERVAL, THI	RD PERIOD, SECOND	OUT.	AGE	(99)	RF)
			CLASS 2 XC	ABWD STATUS COMPON	ENT	s		
CONTAIN	IENT SPRAY PUMPS							
					N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	H	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	E	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	с	м	R	**CALIBRATION BLOCK**
					-	-	-	
	PUMP 2A (FIG NO B-CSP-1)							
750133	CIAPCS-2A-PCW3	C-G	VT-1	ZA-0024 R2	C.	-	-	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
	LOWER CASE TO BOTTOM HEAD	C6.10						PER CR 98-10926 (DURING ALPHA TRAIN WEEK
								STARTING 12-7-98) AS AN ALTERNATIVE TO
								THE PT EXAM TO SUPPORT RR-ENG-24 (SEE
								SUMM. NO. 750130).
				· ·				
750145	CIAPCS-2A-PCW5	C-G	VT-1	ZA-0024 R2	С	-	-	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
	LOWER CASE SEAM WELD	C6.10						BELOW SEAL PER CR 98-10926 (DURING ALPHA
		•						TRAIN WEEK STARTING 12-7-98) AS AN
	· ·							ALTER. TO THE PT TO SUPPORT RR-ENG-24
								(SEE SUMM. NO. 750130).
		-						(ODD COPER. NO. /S0150/.

	02/01/2000			ELECTRIC GENERAT				NIT 2 PAGE: 41
REVISI	ON: 0			PECTION SUMMARY -				
		FIRST IN	TERVAL, TI	HIRD PERIOD, SECO	ND OUT	AGE	(99	RF)
			CLASS 2 2	XCABWD STATUS COM	PONENT	s		
HIGH HE	AD SAFETY INJECTION PUMPS							
					N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	н	
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
						_	_	
	PUMP 2A (FIG NO B-HHSIP-1)							
751033	SIAPHH-2A-PCW3	C-G	VT-1	ZA-0024 R2	с	-	-	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
	LOWER CASE TO BOTTOM HEAD	C6.10						PER CR 98-10926 (DURING ALPHA TRAIN WEEK
								STARTING 12-7-98) AS AN ALTERNATIVE TO
								THE PT EXAM TO SUPPORT RR-ENG-24 (SEE
								SUMM. NO. 751030).
					•			
751045	SIAPHH-2A-PCW5	C-G	VT-1	ZA-0024 R2	с	_	_	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
	LOWER CASE SEAM WELD	C6.10						BELOW SEAL PER CR 98-10926 (DURING ALPHA
		00.120						TRAIN WEEK STARTING 12-7-98) AS AN
								ALTER. TO THE PT TO SUPPORT RR-ENG-24
								(SEE SUMM. NO. 751030).

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	DATE: REVISIO		INSE	RVICE INSPE	LECTRIC GENERATING CTION SUMMARY - 2R RD PERIOD, SECOND	E07	WE	LDS	
المست	1.000 1100			CLASS 2 XC	ABWD STATUS COMPON	ENT:	S		
	LOW HEAD	D SAFETY INJECTION PUMPS				N		0	
			ASME				G	-	
			SEC. XI			R	E	н	
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	о	E	REMARKS
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	с	М	R	**CALIBRATION BLOCK**
		······				-	-	-	
		PUMP 2A (FIG NO B-LHSIP-1)							
	751333	SIAPLH-2A-PCW3	C-G	VT-1	ZA-0024 R2	С	_	-	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
		LOWER CASE TO BOTTOM HEAD	C6.10						PER CR 98-10926 (DURING ALPHA TRAIN WEEK STARTING 12-7-98) AS AN ALTERNATIVE TO THE PT EXAM TO SUPPORT RR-ENG-24 (SEE SUMM. NO. 751330).
									50mm, No. 751550).
	751345	SIAPLH-2A-PCW5	C-G	VT-1	ZA-0024 R2	с	-	-	PERFORMED VT-1 BOROSCOPIC EXAM OF WELD
		LOWER CASE SEAM WELD	C6.10						BELOW SEAL PER CR 98-10926 (DURING ALPHA
									TRAIN WEEK STARTING 12-7-98) AS AN
									ALTER. TO THE PT TO SUPPORT RR-ENG-24 (SEE SUMM. NO. 751330).

APPENDIX B

COMPONENT SUPPORTS LISTING

EXAMINATION RESULTS LEGEND

C Examination for Section XI Scheduling Credit

DATE: REVISIO		INSERV	ICE INSPECTI FERVAL, THIN	LECTRIC GENERATING ION SUMMARY - 2REO RD PERIOD, SECOND KC STATUS COMPONEN	7 S OUT.	UPP	ORTS	
 REACTOR	COOLANT 1							
					N		0	
		ASME				G		
	EXAMINATION AREA	SEC. XI CATGY	EXAM			E O		REMARKS
	IDENTIFICATION	ITEM NO		PROCEDURE			R	
					-	-	-	
	<u>6-RC-2003-BB1-C</u>							
105900	RC-2003-HL5003	PIPING-1	VT-3	ZA-0023 R1	с	_	-	EXAMINED WHEN FILLED.
	SH-V	-	VT-4	ZA-0023 R1	С	-	-	
	1R122NSG201C							
110400	2001.0	DOUTD 1		73 0000 D1	~			
118400	RC S/G COL	EQUIP-1	VT-3	ZA-0023 R1	C	-	-	AS VIEWED FROM ABOVE, THE SUPPORT LOCATED NEAREST THE RCP COLUMN ON S/G
								2C.
118500	SGC2C	EQUIP-1	VT-3	ZA-0023 R1	C	-	-	THE SUPPORT LOCATED IMMEDIATELY
	RC S/G COL	-						CLOCKWISE FROM SGC1C.
 118600	SGC3C	EQUIP-1	۲/۳-3	ZA-0023 R1'	C		-	THE SUPPORT LOCATED IMMEDIATELY
,	RC S/G COL	-	VI-5	2A-0023 RI	C	-	-	CLOCKWISE FROM SGC2C.
118700		EQUIP-1	VT-3	ZA-0023 R1	С	-	-	
118800	RC S/G LOWER	- EQUIP-1 -	VT-3	ZA-0023 R1	с	-	-	CLOCKWISE FROM SGC3C. THE SINGLE LOWER LATERAL SUPPORT ON S/G 2C.
	•							
118900	SGU1C RC S/G UPPER	EQUIP-1	VT-3	ZA-0023 R1	с	-	-	THE SINGLE UPPER LATERAL SUPPORT ON S/G $_{\rm .}$ 2C.

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DATI REVI			INSERV	ICE INSPECT	LECTRIC GENERATING ION SUMMARY - 2REO RD PERIOD, SECOND O KC STATUS COMPONEN	7 S OUT	UPP	ORTS	3
CONT	AIN	MENT SPRAY 2		CLIA35 2 .	KC SIAIOS COMPONEN	15			
						N		о	
			ASME			0	G	т	
			SEC. XI			R	Е	н	
SUMMA	ARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS
NUMBI	ER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**
						-	-	-	
		8-CS-2302-PB2-K							
21530	00	CS-2302-SH10	PIPING-2	VT-3	ZA-0023 R1	с	-	-	EXAMINED WHEN FILLED.
		SH-V	-	VT-4	ZA-0023 R1	С	-	-	

	DATE: REVISIO	02/03/2000 0: 0			LECTRIC GENERATING ION SUMMARY - 2RE0				NIT 2	PAGE:	3
			FIRST IN	TERVAL, THI	RD PERIOD, SECOND	OUT	AGE	(99	RF)		
				CLASS 2	XC STATUS COMPONEN	TS					
,	FEED WAT	TER 2									
						N		0			
			ASME			о	G	т		•	
			SEC. XI			R	Е	н			
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS		
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**		
						-	-	-		·	
		<u>18-FW-2016-GA2-H</u>									
	220600	FW-2016-SH02	PIPING-2	VT-3	ZA-0023 R1	С	-	-	EXAMINED WHEN FILLED. EXAMI	NATION OF	
		SH-V	-	VT-4	ZA-0023 R1	С	-	-	SUPPORT REQUIRES EXTENSIVE S	CAFFOLDING	3.

DATE: 02/03/2000 SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION UNIT 2 PAGE : INSERVICE INSPECTION SUMMARY - 2RE07 SUPPORTS REVISION: 0 FIRST INTERVAL, THIRD PERIOD, SECOND OUTAGE (99RF) CLASS 3 XC STATUS COMPONENTS AUXILIARY STEAM 3 N 0 ASME ОСТ SEC. XI REH SUMMARY EXAMINATION AREA CATGY ЕОЕ EXAM REMARKS NUMBER IDENTIFICATION ITEM NO METHOD PROCEDURE C M R **CALIBRATION BLOCK** ----------- - -

4

6-AS-2079-WA3-C1

319750	AS-2079-HL5002	PIPING-3 VT-3	ZA-0023 R1	С	-	-	
	GUIDE	-					

		02/03/2000 ON: 0	INSERV	ICE INSPE FERVAL, T	ELECTRIC GENERAT CTION SUMMARY - 2 HIRD PERIOD, SECO 3 XC STATUS COMPO	RE07 S	UPF	ORT	S	PAGE :	5
	ESSENTI	AL COOLING WATER 3									
						N		0			
			ASME			0	G	т			
			SEC. XI			R	Ē	н			
	SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	E	REMARKS		
	NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**		
		· · · · · · · · · · · · · · · · · · ·					-	-			
		<u>14-EW-2383-WT3-A</u>									
	407170	EW-2383-HL5005	PIPING-3	VT-3	ZA-0023 R1	с	-	-			
		RR	-								
	407180	EW-2383-HL5012	PIPING-3	VT-3	ZA-0023 R1	С	-	-			
		RR	-								
		<u>10-EW-2383-WT3-G</u>									
	416205	EW-2383-HL5001	DIDING-2	177-2	ZA-0023 R1	<u> </u>	-				
	410205	GUIDE	-	VI-5	2A-0025 KI	C	-	-			
· · · ·											
		<u>10-EW-2383-WT3-H</u>									
	416210	EW-2383-HL5002	PIPING-3	VT-3	ZA-0023 R1	С	-	-			
		GUIDE	-								
	416215	EW-2383-HL5003	PIPING-3	VT-3	ZA-0023 R1	с	-	_			
		GUIDE	-								
	416220	EW-2383-HL5004	PIPING-3	VT-3	ZA-0023 R1	C	-	-			
		GUIDE	-								
									,		
										-	
		10-EW-2383-WT3-B									
	416225	EW-2383-HL5006	PIPING-3	VT-3	ZA-0023 R1	с	-	-			
		RR	-								

		02/03/2000 N: 0	INSERV	ICE INSPE	ELECTRIC GENERATI CTION SUMMARY - 2R HIRD PERIOD, SECON XC STATUS COMPONI	E07 S DOUT	UPP	ORT	S	PAGE :	6
~	ESSENTI	AL COOLING WATER 3									
						N		0			
		•	ASME				G				
			SEC. XI					н			
	SUMMARY	EXAMINATION AREA	CATGY	EXAM					REMARKS		
		IDENTIFICATION	ITEM NO		PROCEDURE				**CALIBRATION BLOCK**		
								_			
	416230	<u>10-EW-2383-WT3-C</u> EW-2383-HL5007 GUIDE	PIPING-3 -	VT~3	ZA-0023 R1	с	-	-			
	416235	EW-2383-HL5008 GUIDE	- PIPING-3 -	VT-3	ZA-0023 R1	с	-	-	- - - -		
	416240	<u>10-EW-2383-WT3-D</u> EW-2383-HL5009 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	с	-	-			
	416245	<u>10-EW-2383-WT3-E</u> EW-2383-HL5010 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	с	-	-			
	416250	<u>10-ЕW-2383-WT3-В</u> ЕW-2383-HL5011 RR	PIPING-3 -	VT-3	ZA-0023 R1	с	-	÷			
	416255	<u>10-EW-2386-WT3-A</u> EW-2386-HL5001 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	с	· _	-			
	416260	<u>10-EW-2386-WT3-B</u> EW-2386-HL5002 GUIDE	PIPING-3 -	VT-3	ZA-0023 R1	с	-	-			

REVISI	CON: 0		TERVAL, THI	TION SUMMARY - TRD PERIOD, SE XC STATUS COM	COND OU	JTAG			
ESSENTI	AL COOLING WATER 3		CLADD 5	AC DIAIDO COM	F ONEN I	,			
					r	1	0		
		ASME				G			
CIDMAD D	EXAMINATION AREA	SEC. XI CATGY	EVAN				н	DEMA DVG	
	IDENTIFICATION	ITEM NO		PROCEDURE				REMARKS **CALIBRATION BLOCK**	
	<u>10-EW-2386-WT3-B</u>								
416265	EW-2386-HL5003	PIPING-3	VT-3	ZA-0023 R1	ſ		_		
	RR	-				-			
416270	EW-2386-HL5004	DIDING	VT-3	ZA-0023 R1		2 -			
410270	RR	-	VI-3	ZA-0023 RI			-		
	<u>8-EW-2384-WT3-A</u>								
417005	EW-2384-HL5001	DIDING-2	እ/ጥ - ኃ	ZA-0023 R1		- 1			
417005	GUIDE	-	VI~3	ZA-0023 RI	,		-		
	8-EW-2385-WT3-C			,					
417010	EW-2385-HL5001	PIPING-3	VT-3	ZA-0023 R1	C	- 2	-		
	GUIDE								
417015	EW-2385-HL5002	PIPING-3	VT-3	ZA-0023 R1	C	- 2	-		
	GUIDE	-							
	8-EW-2385-WT3-D							•	
417000						_			
41/020	EW-2385-HL5003 GUIDE	PIPING-3	VT-3	ZA-0023 R1	Ĺ	-	-		
	<u>6-EW-2308-WT3-D</u>								
									-
423910	EW-2308-HL5001	PIPING-3	VT-3	ZA-0023 R1	c	: -	-		
	GUIDE	-							

			TERVAL, THI	ION SUMMARY - 2R RD PERIOD, SECON XC STATUS COMPON	D OUT					
ESSENTI	AL COOLING WATER 3									
					N		о			
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		SEC. XI			R	Е	н			
SUMMARY	EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	М	R	**CALIBRATION BLOCK**		
				· · · · · · · · · · · · · · · · · · ·	-	-	-			
	<u>6-EW-2309-WT3-E</u>									
402000	EW-2309-HL5001	DIDING 0		61 6665 51	~			- -		
	GUIDE	PIPING-3	VT-3	ZA-0023 R1	C	-	-			
	GUIDE	-								
	EW-2309-HL5002	PIPING-3	VT-3	ZA-0023 R1	С	-	-			
	GUIDE	-							*	-
423940	EW-2309-HL5003	PIPING-3	VT-3	ZA-0023 R1	с	_	_			
	GUIDE	-			-					
			•							
	3R282NPA201A									
	3K202NPA201A									
437500	ECP1A	EOUIP-3	VT-3	ZA-0023 R1	С	-	-	THE LOWER SUPPORT AT PUMP SU	ICTION ON	
	EW CLG PUMP	-			ũ			PUMP 2A. EXAMINE SUPPORT DU		AC
								OUTAGE IN FEBRUARY 1999 WHEN		
								DRAINED. (SEE PM: MM-2-EW19	9931106).	
437600	ECP2A	EQUIP-3	VT-3	ZA-0023 R1	С	-	-	THE MIDDLE SUPPORT ON PUMP 2	A. EXAMI	N]
	EW CLG PUMP	-						SUPPORT DURING 2A EAOT OUTAG	TT TN	

	02/03/2000 5 CON: 0	INSERV	VICE INSPECT	ELECTRIC GENERATING TION SUMMARY - 2RE IRD PERIOD, SECOND XC STATUS COMPONE!	07 SU OUTA	PPC	ORTS	3
ESSENTI	AL CHILLED WATER 3							
					N		0	
		ASME			0	G	т	
		SEC. XI			R	Е	Η	
	EXAMINATION AREA	CATGY	EXAM					REMARKS
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	C	М	R	**CALIBRATION BLOCK**
					-	-	-	
	3V112VPA004							
440000	CHP1A	F-A	VT-3	ZA-0023 R1	С	-		DEADWEIGHT SUPPORT CLOSEST TO MOTOR.
	CH PUMP 21A	F1.43						
440100		F-A	VT-3	ZA-0023 R1	С	-	-	DEADWEIGHT SUPPORT FARTHEST FROM
	CH PUMP 21A	F1.43						MOTOR.
		-						
440200	СНРЗА	F-A	VT-3	ZA-0023 R1	с	-	-	TORQUE SUPPORT ON RIGHT FACING PUMP.
	CH PUMP 21A	F1.43		,				
				·	_			
440300	CHP4A CH PUMP 21A	F-A F1.43	VT-3	ZA-0023 R1	С	-	-	TORQUE SUPPORT ON LEFT FACING PUMP.
	Ch FOMF ZIR	F1.43						
	<u>3V112VCH001</u>							
441200	CHC121A	F-A	VT-3	ZA-0023 R1	С	-	-	CHILLER FLOOR PLATE AND GUSSET PLATES
	CH ESS. CHILLER #1 (21A) (150	F1.43						END OPPOSITE THE CHILLED WATER PIPE
	TON)							CONNECTIONS.
441300	CHC221A	F-A	VT-3	ZA-0023 R1	с	_	-	CHILLER FLOOR PLATE AND GUSSET PLATES
	CH ESS. CHILLER #1 (21A) (150	F1.43						END WITH THE CHILLED WATER PIPE
	TON							CONNECTIONS.
	2011200000							
	<u>3V112VCH004</u>							
	CHC122A	F-A	VT-3	ZA-0023 R1	С	_	_	
441800		* - n	v1-2	46-VV23 KI	<u>ر</u>	-	-	CHILLER FLOOR PLATE AND GUSSET PLATES
441800	CH ESS. CHILLER #4 (22A) (300	F1.43						END OPPOSITE THE CHILLED WATER PIPE

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	REVISI		INSERV	ICE INSPECT TERVAL, TH	ELECTRIC GENERATING FION SUMMARY - 2REG IRD PERIOD, SECOND XC STATUS COMPONEN	ס די סטיו	SUPP	ORT	3
Ē	SSENTI	AL CHILLED WATER 3							
								0	
			ASME SEC. XI	•	-		G E		
s	UMMARY	EXAMINATION AREA	CATGY	EXAM			ō		REMARKS
		IDENTIFICATION	ITEM NO		PROCEDURE				**CALIBRATION BLOCK**
-		<u>3V112VCH004</u>			·	-	-	-	
4	41900	CHC222A	F-A	VT-3	ZA-0023 R1	c	-	_	CHILLER FLOOR PLATE AND GUSSET PLATES AT
-	11000	CH ESS. CHILLER #4 (22A) (300		VI J	DA OUZS AL	C	-	_	END WITH THE CHILLED WATER PIPE
		TON)							CONNECTIONS. OXIDIZED FLOOR PLATE
									MOUNTING NUT AND JAM NUT. THIS CONDITION
									DOES NOT AFFECT THE INTEGRITY OF THE
									SUPPORT FOR ITS INTENDED SERVICE AND WAS
									DETERMINED TO BE ACCEPTABLE. REF. CR
									00-1676.
		8-CH-2303-WA3-A							
4	50900	CH-2303-HL5018	F-A	VT-3	ZA-0023 R1	с	_	-	
		GUIDE	F1.30D			-			
					-				-
		6-CH-2303-WA3-F							
4	58400	CH-2303-HL5001	F-A	VT-3	ZA-0023 R1	c	-	_	
		ANCHOR	F1.30C						
						_			
4		CH-2303-HL5003 GUIDE	F-A F1.30D	VT-3		С	-	-	
		6-CH-2303-WA3-G							
		· · · · · · · · · · · · · · · · · · ·							
4		CH-2303-HL5004	F-A	VT-3	ZA-0023 R1	с	-	-	
		GUIDE	F1.30D		**				
		<u>6-CH-2303-WA3-H</u>							
4	58700	CH-2303-HL5005	F-A	VT-3	ZA-0023 R1	с	-	-	
4		CH-2303-HL5005 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	С	-	-	

		02/03/2000 ON: 0	INSERV	TCE INSPE	ELECTRIC GENERAT CTION SUMMARY - 2 HIRD PERIOD, SECO 3 XC STATUS COMPO	2RE07 SUPP OND OUTAGE	ORT	3	PAGE :	11
~~~	ESSENTI	AL CHILLED WATER 3	ASME	CIMOD		N O G				
	NUMBER	EXAMINATION AREA IDENTIFICATION	SEC. XI CATGY ITEM NO	EXAM METHOD	PROCEDURE	R E E O C M	Е			
		<u>6-CH-2309-WA3-A</u>								
	460200	CH-2309-HL5001 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	C -	-			
		<u>6-CH-2313-WA3-G</u>						÷		
	460800	CH-2313-HL5005 RR	F-A F1.30A	VT-3	ZA-0023 R1	C -	-			
		<u>6-CH-2314-WA3-H</u>						•		
~	`6 <b>1400</b>	CH-2314-HL5006 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	с -	-			
		<u>6-CH-2314-WA3-J</u>								
	461500	CH-2314-HL5007 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	C -	-			
	461600	CH-2314-HL5008 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	с -	-			
		<u>6-CH-2314-WA3-M</u>								
	462100	CH-2314-HL5013 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	С -	-			
		<u>6-CH-2343-WA3-A</u>								
~	462400	CH-2343-HL5001 GUIDE	F-A F1.30D	VT-3	ZA-0023 R1	C	-			

DATE: REVISI	02/03/2000 CON: 0	INSERVI	CE INSPECT	LECTRIC GENERATING ION SUMMARY - 2RE0 RD PERIOD, SECOND KC STATUS COMPONEN	7 ST OUT2	JPP	ORTS	3	1	12
DIESEL	AIR INTAKE 3									
					N		0	·		
		ASME			0	G	т			
		SEC. XI			R	Е	н			
SUMMARY	Z EXAMINATION AREA	CATGY	EXAM		Е	0	Е	REMARKS		
NUMBER	IDENTIFICATION	ITEM NO	METHOD	PROCEDURE	С	м	R	**CALIBRATION BLOCK**		
		••••			-	-	-			
	<u>32-DI-2001-WA3-C</u>									
463000	DI-2001-HL5001	PIPING-3	VT-3	ZA-0023 R1	с	÷	-			
	SH-V(2)		VT-4	ZA-0023 R1	С	-	-			
	<u>32-DI-2002-WA3-D</u>									
463100	DI-2002-HL5001	PIPING-3	VT-3	ZA-0023 R1	С	-	-			
	GUIDE	-								
	<u>32-DI-2002-WA3-C</u>									
63200	DI-2002-HL5002	PIPING-3	VT-3	ZA-0023 R1	с	_	_			
	RR	-			-					

463300	DI-2002-HL5003	PIPING-3 VT-3	ZA-0023 R1	С	-	-
	RR	-				

## **APPENDIX C**

## **ISI LIMITATIONS**

# Table of Contents

# STPEGS-1 Summary of Inservice Examination Limitations

ASME Category B-A Reactor Pressure Vessel

## SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2 SUMMARY OF INSERVICE INSPECTION LIMITATIONS

The following tables provide details on the limitations which were encountered during the ISI examinations at the South Texas Project Electric Generating Station, Unit 2 (STPEGS-2). Each table of this summary provides the following information as described:

<u>Column 1</u> - Class/Category/Item No./Examination Requirement

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

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

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

<u>Column 3</u> - Exam Type

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

<u>Column 4</u> - % Coverage

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

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

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

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

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

where a =one direction only percentage

b = two direction percentage

c = effective coverage as a percentage

Examples:

(1)	none 0%	1 dir 0%	2 dir 100%	
	c = 0 +	2*100 2	-	= 100% effective coverage
(2)		1 dir 100%	2 dir 0%	
	c = <u>100</u>	<u>) + 2*0</u> 2		= 50% effective coverage
(3)	none 50%	1 dir 50%	2 dir 0%	

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

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

### <u>Column 5</u> - Limitation

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

## ASME SECTION XI CODE COVERAGE/LIMITATIONS

## 1999 2RE07 ISI

### SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

### ASME CATEGORY B-A

#### LESS THAN 90%

SYSTEM: REACTOR PRESSURE VESSEL

CATGY ITEMINO EXMIROT	LINE NO/SUBASSEMBLY WELD IDENTIFICATION WELDID IN GURE WELD CONFIGURATION EXAMINATION METHOD	EXAM		L DIR		EFF. COV.	NAMES OF TAXABLE PARTY.	TOTAL	LIMITATION
1	CIRCUMFERENTIAL WELD	UT0	-	-	-	72	Π		Limited UT due to proximity of Core Support Lugs.
B-A	RPV2-101-141	UT45	30	-	70	70			Calibration of 45 and 60 extended to full-vee for
B1.11	A-RPV-1	UT45T	28	-	72	72			maximum coverage.
VOL	Lower Shell to Bottom Head Torus	UT60	29		71	71			
000400	UT(Automated)	UT60T	28	-	72	72			
		UT70	35	-	65	65			
		UT70T	37	-	63	63			
								69	·

# APPENDIX D

# NIS-1 FORMS

# **OWNER'S REPORT FOR INSERVICE INSPECTIONS**

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

- 1. Owner <u>South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483</u> (Name and Address of Owner)
- 2. Plant <u>South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483</u> (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 Welds Program

Component or	Manufacturer or	Manufacturer or	State or	National
Appurtenance	Installer	Installer Serial No.	Province No.	Board No.
Reactor Pressure	Combustion			
Vessel	Engineering /			
	Westinghouse (M)	12173	N. A.	22391
Reactor Coolant		1080-		
Pump 1A	Westinghouse (M)	1163E26G01/R14	N. A.	46
Pressurizer	Westinghouse (M)	2161	N. A.	19
Class 1 Piping	Ebasco (I)	N. A.	N. A.	N. A.
Class 1 Valves	Ebasco (I)	N. A.	N. A.	N. A.
· · · · · · · · · · · · · · · · · · ·				
			· · · · · · · · · · · · · · · · · · ·	

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

STPNOC by <u>J l Alary</u> Date <u>2/2/w</u> Factory Mutual by <u>Sc</u> J.C.Younger Insurance Co. B.R. hosell Date 2-7-00 B.R.Russell, ANII

#### FORM NIS-1 (Back)

- 8. Examination Dates <u>09/27/99</u> to <u>11/02/99</u> 9. Inspection Interval from 06/19/89 to <u>10/18/00</u>
- 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (ASME Code Class 1 (IWB) Items - Welds Program) See Section Appendix A of the 2RE07 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.
- 11. Abstract of Conditions Noted. None.

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

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

Certifi	cate of Auth	norization No.(if	applicable) _	<u>N.A.</u>	_ Expiration Date	]]	N.A.
Date _	2/2	1900 19 Signed	South Texas	<u>s Project N</u> Ow	uclear Operating	Company_	By <u><i>ACM</i></u> , C. Younger

### **CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Factory Mutual Insurance Co. of Johnston, RI have inspected the components described in this Owner's Report during the period 09/27/99 to 11/02/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Dusee	Commissions Tex 826
Inspector's Signature	National Board, State, Province, and Endorsements
B. R. Russell	
20 Parts	
Date 2-7-190	

CL1WELD-2

1999 ISI - 2RE07 - Welds (Class 2)

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

1.	Owne	r South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483
		(Name and Address of Owner)
2.	Plant	South Texas Project Electric Generating Station: P.O. Box 289; Wadsworth, Texas 77483

(Name and Address of Plant)

3. Plant Unit ______ 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 - Welds Program

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

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

- Date 2-7-00 J. C. Younger Date 2/2/00 Factory Mutual by J. C. Younger Insurance Co. B.F. STPNOC by_ 4r B.R.Russell, ANII

CL2WELD-1

#### FORM NIS-1 (Back)

8. Examination Dates <u>02/03/99</u> to <u>11/01/99</u> 9. Inspection Interval from <u>06/19/89</u> to <u>10/18/00</u>

- Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (ASME Code Class 2 (IWC) Items - Welds Program) See Appendix A of the 2RE07 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.
- 11. Abstract of Conditions Noted. None.
- 12. Abstract of Corrective Measures Recommended and Taken. None.

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

Certifi	icate of A	uthorization No.(if a	applicable) <u>1</u>	<u>N.A.</u>	Expiration Date _	N.A.	
Date _	2/2	Signed	South Texas Pr	roject Nu Owr		<u>mpany</u> By	J. G. 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>Factory Mutual Insurance Co.</u> of <u>Johnston, RI</u> have inspected the components described in this Owner's Report during the period <u>02/03/99</u> to <u>11/01/99</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Inspector's Signature B. R. Russell Commissions Tex 826

National Board, State, Province, and Endorsements

Date

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

1.	Owner	South	<u>1 Texas Projec</u>	ct Nuclear	Operating	Company*	; P.O.	Box 289;	Wadsworth,	Texas 7	17483
						nd Address					

2. Plant <u>South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483</u> (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 Program

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Steam Generator 2C Class 1 Piping	Westinghouse (M)	2153	N.A.	31
Supports	Ebasco (I)	N.A.	N.A.	N.A.
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* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

J. C. Younger Insurance Co. B.F hundel Date 2-7-00 STPNOC by B.R.Russell,ANII

CL1SPT-1

#### FORM NIS-1 (Back)

8. Examination Dates <u>10/20/99</u> to <u>11/02/99</u> 9. Inspection Interval from 06/19/89 to <u>10/18/00</u>

- 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (ASME Code Class 1 Component Supports - Piping and Equipment) See Appendix B of 2RE07 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval is 100%.
- 11. Abstract of Conditions Noted. None.
- 12. Abstract of Corrective Measures Recommended and Taken. None.

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

Certificate of Authorization No.(if ap	plicable) <u>N.A.</u> E	xpiration Date	<u>N.A.</u>	
Date $2/2$ 19 ² Signed _	South Texas Project Nucl Owner		ву	<u>C</u> J. C/Younger

### **CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Texas and employed by Factory Mutual Insurance Co. of Johnston, RI have inspected the components described in this Owner's Report during the period 10/20/99 to 11/02/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Commissions Tex 826

Inspector's Signature B. R. Russell

National Board, State, Province, and Endorsements

204.1 Date & O0

1999 ISI - 2RE07 - Component Supports (Class 2)

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

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

2. Plant <u>South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483</u> (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 Program

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

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

J.C. Younger Date 7/2/3. Factory Mutual by J.C.Younger Insurance Co. B.R.Ru STPNOC by_ hosell Date 2-7-00 B.R.Russell, ANII

CL2SPT-1

8. Examination Dates <u>10/06/99</u> to <u>10/25/99</u> 9. Inspection Interval from <u>06/19/89</u> to <u>10/18/00</u>

- Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (ASME Code Class 2 Component Supports - Piping and Equipment) See Appendix B of the 2RE07 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.
- 11. Abstract of Conditions Noted. None.
- 12. Abstract of Corrective Measures Recommended and Taken. None.

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

Certifica	ate of Auth	orization No.(if a	pplicable)	<u>N.A.</u>	Expiration Date	N.A.	
Date	2/2	ن من	South Texas	Project Nu Owi	uclear Operating Company ner	By	J. Q. 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>Factory Mutual Insurance Co.</u> of Johnston, RI have inspected the components described in this Owner's Report during the period <u>10/06/99</u> to <u>10/25/99</u>, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Commissions Tex 826 Inspector's Signature National Board, State, Province, and Endorsements

B. R. Russell Date 2-

CL2SPT-2

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

 Owner <u>South Texas Project Nuclear Operating Company*; P.O. Box 289; Wadsworth, Texas 77483</u> (Name and Address of Owner)
 Plant <u>South Texas Project Electric Generating Station; P.O. Box 289; Wadsworth, Texas 77483</u> (Name and Address of Plant)
 Plant Unit <u>2</u> 4. Owner and Certificate of Authorization (if required) <u>N.A.</u>
 Commercial Service Date <u>06/19/89</u> 6. National Board Number for Unit <u>N.A.</u>
 Components Inspected ASME Code Class 3 - Component Supports Program

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Essential Cooling	Hayward Tyler Pump			
Water Pump 2A	Co. (M)	804501	N. A.	100
Class 3 Piping				
Supports	Ebasco (I)	N. A.	N. A.	N. A.
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* South Texas Project Nuclear Operating Company (STPNOC) is the licensed operator of the South Texas Project Electric Generating Station

Z_Date_2/2/00 Factory Mutual by -<u>ell</u> Date 2-7-00 STPNOC by kro oungér Insurance Co. B.R.Russell, ANII

CL3SPTS-1

### FORM NIS-1 (Back)

- 8. Examination Dates <u>02/01/99</u> to <u>02/01/00</u> 9. Inspection Interval from <u>06/19/89</u> to <u>10/18/00</u>
- Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (ASME Code Class 3 Component Supports - Piping and Equipment) See Appendix B of the 2RE07 Summary Report for list of examinations performed. The examinations performed this outage constitute a cumulative percentage completed for the interval of 100%.
- 11. Abstract of Conditions Noted. None.
- 12. Abstract of Corrective Measures Recommended and Taken. None.

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

Certificate of Authorization No.(if applicable) <u>N.A.</u> Expiration Date	N.A
Date 1/2 19 Signed South Texas Project Nuclear Operating Company	By ACM
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>Factory Mutual Insurance Co.</u> of <u>Johnston, RI</u> have inspected the components described in this Owner's Report during the period 02/01/99 to 11/01/99, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the inspection plan and as required by the ASME Code, Section XI.

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

Commissions

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

Tex 826

Date 2-7-