

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

June 28, 2001 NOC-AE-01001128 File No: T07.03 10CFR50.55a

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

South Texas Project
Unit 2
Docket No. STN 50-499
Inservice Inspection Summary Reports for Repairs and Replacements and for System Pressure Tests – 2RE08

Enclosed are four copies of the South Texas Project Unit 2 inservice inspection summary reports for repairs and replacements and for system pressure tests performed prior to and during the eighth refueling outage (2RE08) completed April 2, 2001. These summary reports satisfy the reporting requirements of Article IWA-6230 of Section XI.

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

T. J. Jordan Manager, Engineering

PLW

Enclosures:

1. 2RE08 Inservice Inspection Summary Report for Repairs and Replacements

2. 2RE08 Inservice Inspection Summary Report for System Pressure Tests

A047

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cc:

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

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

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

1)6	0 C O . A	
Prepared by:	2 Staulier	
	J.E. Stauber, Engineer	
Reviewed by:	Milling	
_	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with the 1983 Edition, S83 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers ASME Code Class 1 and 2 pressure-retaining components and their supports, where repair or replacement was performed between the end of the seventh refueling outage and the end of the eighth refueling outage just completed. Section XI requires submittal of this report in accordance with paragraph IWA-6230 for ASME Code Class 1 and 2 pressure-retaining components and their supports.

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
1	2-00-057	RC	98000512	VALVE	N2RCPSV3450	CROSBY	(OLD) N60491-00-0004 (NEW) N60491-00-0006	(OLD) 628 (NEW) 667	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-00-058	RC	98000513	VALVE	N2RCPSV3451	CROSBY	(OLD) N60491-00-0003 (NEW) N60491-00-0002	(OLD) 622 (NEW) 621	REPLACED VALVE	4/25/01
1	2-00-059	RC	98000515	VALVE	N2RCPSV3452	CROSBY	(OLD) N60491-00-0005 (NEW) N60491-00-0001	(OLD) 641 (NEW) 620	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-01-010	RC	388510	REACTOR COOLANT PUMP	1R132NPP201B	WESTINGHOUSE	2-115E580G02	47	REPLACED #2 CARTRIDGE SEAL HOUSING S/N: (OLD) 1444 (NEW) 1586	4/01/01
1	2-01-020	CV	415053	VALVE	2R172XCV0006	WESTINGHOUSE	0003	WW201 11	REPLACED VALVE STEM S/N: (OLD) 3764, (NEW) C42417	4/23/01
1	2-01-023	CV	404832	VALVE	1R172XCV0468	WESTINGHOUSE	0004	W26587	REPLACED VALVE BONNET S/N: (OLD) 4769, (NEW) 4097 & VALVE STEM Ht#: 2783-1 (NEW)	4/24/01
2	2-97-060	MS	97000268	VALVE	N2MSPSV743B	DRESSER	BT-02196	N/A	REPLACED VALVE DISK S/N: (OLD) AAK87, (NEW) ADD00	4/25/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
2	2-97-062	MS	P97000270	VALVE	N2MSPSV7430	DRESSER	BT-02204	N/A	REPLACED VALVE DISK S/N: (OLD) AAK84, (NEW) ADD01	4/24/01
2	2-99-014	CV	CV-380271	VALVE	SPARE VALVE	COPES VULCAN	8920-95494-6-1	2691	INSTALLLED STEM/PLUG ASSEMBLY SN: 99-1	6/19/00
2	2-99-086	PO	PO-349954	VALVE & PIPING	2R372TPO0204	ROCKWELL	BZ567	N/A	REMOVED VALVE & PIPING FROM LINE & INSTALLED 2" CAP HT# CL89	4/25/01
2	2-00-019	CV	CV-395634	VALVE	N2CVFCV0201	AMETEK	54-89-004	384	REPLACED VALVE BODY (OLD) MARK NO:NM595, (NEW) MARK NO: NM720 & PLUG (OLD) P/N: 0-203-3, (NEW) P/N: 0-203-3	6/29/00
2	2-00-021	CV	CV-388955	VALVE	N2CVFCV0202	AMETEK	VALVE (OLD) 54-89-003, (NEW) 54-76- 003	(OLD) 383, (NEW) 633	REPLACED VALVE	10/02/0 0
2	2-00-023	SI	SI-390742	PIPE SPOOL	SI-2118-V	EBASCO	HEAT #: 478243	N/A	BLEND GOUGE IN PIPE SPOOL PER DCP 00- 8630-4	1/17/01
2	2-00-033	SI	SI-388132	VALVE, ELBOW, PIPE	2N122TSi0120B	ANDERSON GREENWOOD (OLD), BW/IP	VALVE (OLD) A3873, (NEW) E193A-1-3;	N/A	REPLACED VALVE, ELBOW (NEW) HT.# A05	1/9/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
						INTER. (NEW)			& PIPE HT# (OLD) 9A0927, (NEW) 9A0927	
2	2-00-056	SI	SI-399249	VALVE	N/A	ANDERSON GREENWOOD	A3873	N/A	LAPPED VALVE SEAT AND SEAL WELDED BONNET- RETURNED TO STOCK	1/24/01
2	2-01-004	CV	SI-379546	VALVE, PIPE, PIPE COUPLING	2R172TCV0245	ANDERSON GREENWOOD (OLD), BW/IP INTER. (NEW)	VALVE (OLD) A3901, (NEW) E193A-1-3	N/A	REPLACED VALVE AND PIPE HT# (OLD) 468810, (NEW) K16389 & PIPE COUPLING HT#:CSK(NEW)	4/23/01
2	2-01-005	CV	CV-379546	PIPE SUPPORT	CV2111-HF5001	NPSI	N/A	N/A	REPLACE PIPÉ SUPPORT 'U' STRAP – NF	4/23/01
2	2-01-007	FW	FW-404173	VALVE, PIPE	2S132TFW0220	BW/IP INTER. (OLD), YARWAY (NEW)	VALVE (OLD) 931H0212, (NEW) C3066;	N/A	REPLACED VALVE AND PIPE HT#: 698814 (NEW)	4/24/01
2	2-01-012	MS	PM 87009801	VALVE	C2MSPV7431	CONTROL COMPONENTS	35200-1-3	N/A	REPLACED VALVE PLUG S/N: (OLD) 320601546, (NEW) M647570-S/N-1	4/25/01
2	2-01-019	FW	FW-392422	SNUBBER	FW2123HL5001	ANCHOR DARLING	(OLD) 767, (NEW) 1537	N/A	REPLACED SNUBBER	3/28/01

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR SYSTEM PRESSURE TESTS

(CLASS 1 AND 2)

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P. O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

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Prepared by:	& Haules	
_	JÆ Stauber, Engineer	
Reviewed by:		
	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 SYSTEM PRESSURE TESTS

The tests summarized in this report were performed in accordance with the 1983 Edition through Summer 1983 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers selected ASME Code Class 1 and 2 Systems/Components. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in IWB-2412 and IWC-2412 for ASME Code Class 1 and 2 Systems/Components.

All ASME Code Class 1 components were examined as prescribed by Table IWB-2500-1, Examination Category B-P, which established the examination frequency at each refueling outage.

The ASME Code Class 2 Systems/Components were selected on a prorated basis. This prorated selection process will continue until all ASME Code Class 2 Systems/Components are examined in accordance with Table IWC-2500-1, Examination Category C-H. This examination category for ASME Code Class 2 Systems/Components established the examination frequency at each inspection period.

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

1.	Owner	STP Nuclear (Operating Co	ompany, P. O. Box 289, Wadsworth, TX	77483
2.	Plant South Te	xas Project Ele	ctric Genera	ting Station P.O. Box 289, Wadsworth, 1	ΓX 77483
3.	Plant Unit	2 4. Ov	vner Certifica	ate of Authorization (if required) N	<u>I/A</u>
5.	Commercial Se	rvice Date	06/19/89	6. National Board Number for Unit	N/A
7.	Components Ins	spected	ASME CO	DE CLASS 1 PIPING AND COMPONEI	NTS

Component or	Manufacturer	Manufacturer	State or	National
Appurtenance	or Installer	or Installer	Province	Board No.
		Serial No.	No.	
REACTOR VESSEL	COMBUSTION ENGR/	12173	N/A	22391
1R102NRV201A	WESTINGHOUSE (M)			
STM. GENERATOR 2A	WESTINGHOUSE (M)	2151	N/A	29
1R122NSG201A				
STM. GENERATOR 2B	WESTINGHOUSE (M)	2152	N/A	30
1R122NSG201B				
STM. GENERATOR 2C	WESTINGHOUSE (M)	2153	N/A	31
1R122NSG201C				
STM. GENERATOR 2D	WESTINGHOUSE (M)	2154	N/A	32
1R122NSG201D			2112	1112
PRESSURIZER 2A	WESTINGHOUSE (M)	2161	N/A	N/A
1R112NPZ201A)	1 115550000	N1/A	10
RC PUMP 2A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
1R132NPP201A	MESTINGUISE (1.1)	0.4455500000	DI/A	1 47
RC PUMP 2B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
1R132NPP201B	MEGTINGUIGUE (AA)	0.4455500000	NI/A	40
RC PUMP 2C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
1R132NPP201C	INCOTINGUIOUGE (NA)	4.4455500000	NI/A	40
RC PUMP 2D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
1R132NPP201D	EBACCO (I)	VADIOLIC	NI/A	N/A
CLASS 1 PIPING	EBASCO (I)	VARIOUS	N/A	IN/A
CLASS 1 VALVES	VARIOUS	VARIOUS	N/A	N/A
CLASS I VALVES	VARIOUS	VANIOUS	13/4	19/75
		1	l	L

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) Information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form

FORM NIS-1 (Back)

8.	Examination Dates $\underline{11/10/1999}$ to $\underline{04/02/2001}$ 9. Inspection Interval from $\underline{10/19/2000}$ to $\underline{10/18/2010}$
10.	Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
11.	Abstract of conditions Noted No relevant conditions affecting pressure-retaining boundaries were noted.
12.	Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.
	ify that the statements made in this report are correct and the examinations and corrective measures taken to the rules of the ASME Code, Section XI.
Certifica	ate of Authorization No. (if applicable) N/A Expiration Date N/A
Date	Owner 2001 Signed STP Nuclear Operating Company. By Owner M. S. Lashley Test Engineering Supervisor
	CERTIFICATE OF INSERVICE INSPECTION
and the inspect state the measure Section By sign the examples	andersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at State or Province of <u>Texas</u> and employed by <u>Factory Mutual Insurance Co. of Johnston, Rhode Island.</u> have ted the components described in this Owner's Report during the period <u>11/10/1999 to 04/0202001</u> , and nat to the best of my knowledge and belief, the Owner has performed examinations and taken corrective res described in this Owner's report in accordance with the inspection plan and as required by the ASME Code, a XI. In XI. In this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his yer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or other with this inspection. Commissions TX-826
B. I	R. Russell, Inspector's Signature National Board, State, Province, and Endorsements
Date	6-12- 2001

SUPPLEMENTAL PAGE FOR ASME CODE CLASS 1 PIPING AND COMPONENTS

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth , TX 77483	3			
2.	Plant South Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483					
3.	Plant Unit	2 4. Owner Certificate of Authorization (if required)	N/A			
5.	Commercial Se	ervice Date <u>06/19/89</u> 6. National Board Number for Unit	N/A			
10.	ABSTRACT OF EXAMINATIONS					
	Retaining Com Category B-P, I The Pressure Surveillance P Pressure Test,	kage Test as prescribed in IWA-5211(a) for all ASME Code Class 1 Inponents was conducted in accordance with Table IWB-2500-1, Exaltem Nos. B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, and B15.70. Test and VT-2 visual examinations were conducted in accordance verssure Test Procedure, 0PSP15-RC-0001, Reactor Coolant System, at the conclusion of the eighth refueling outage. ASME Code Class 1 procedure in the above referenced procedure.	amination vith Plant Leakage			

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during the Pressure Test found minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined to be acceptable for continued operation. Appropriate corrective action was initiated to correct these leaks.

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

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth	, TX 77483
		(Name and Address of Owner)	
2.	Plant South Te	exas Project Electric Generating Station P.O. Box 289, Wadsworth	<u>, TX 77483 </u>
		(Name and Address of Owner)	
3.	Plant Unit	2 4. Owner Certificate of Authorization (if required)	<u>N/A</u>
5.	Commercial Se	ervice Date <u>06/19/89</u> 6. National Board Number for Unit	N/A

7. Components Inspected ASME CODE CLASS 2 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CS PUMP 2A 2N102NPA201A	PACIFIC PUMPS	51710	N/A	454
CS PUMP 2B 2N102NPA201B	PACIFIC PUMPS	51711	N/A	455
CS PUMP 2C 2N102NPA201C	PACIFIC PUMPS	51712	N/A	456
HHSI PUMP 2B 2N122NPA201B	PACIFIC PUMPS	51699	N/A	401
HHSI PUMP 2C 2N122NPA201C	PACIFIC PUMPS	51700	N/A	402
HHSI PUMP2A 2N122NPA201A	PACIFIC PUMPS	51698	N/A	400
LHSI PUMP 2A 2N122NPA202A	PACIFIC PUMPS	51704	N/A	460
LHSI PUMP 2B 2N122NPA202B	PACIFIC PUMPS	51705	N/A	461
LHSI PUMP 2C 2N122NPA202C	PACIFIC PUMPS	51706	N/A	462
SI ACCUM. 2A 2N122NRC201A	WESTINGHOUSE	0058	N/A	402
SI ACCUM. 2B 2N122NRC201B	WESTINGHOUSE	0042	N/A	361
SI ACCUM. 2C 2N122NRC201C	WESTINGHOUSE	0059	N/A	403
SI RWST 2N122NTF201A	BROWN MINNEAPOLIS	1100-16	N/A	N/A
STM. GENERATOR 2A 1R122NSG201A	WESTINGHOUSE (M)	2151	N/A	29
STM. GENERATOR 2B 1R122NSG201B	WESTINGHOUSE (M)	2152	N/A	30
STM. GENERATOR 2C 1R122NSG201C	WESTINGHOUSE (M)	2153	N/A	31
STM. GENERATOR 2D 1R122NSG201D	WESTINGHOUSE (M)	2154	N/A	32
ASSOC. CLASS 2 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
ASSOC. CLASS 2 VALVES	VARIOUS	VARIOUS	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 11/10/1999 to 04/02/2001 9. Inspection Interval from 10/19/2000 to 10/18/2010
 Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
 Abstract of Conditions Noted No relevant conditions affecting pressure-retaining boundaries were noted.
12. Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A Date 6/12 20 0 Signed STP Nuclear Operating Company. By Owner M. S. Laghtey Test Ergineering Supervisor
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</u> , <u>Rhode Island</u> . have inspected the components described in this Owner's Report during the period <u>11/10/1999</u> to <u>04/0202001</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, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
B.R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

6-12- 2001

Date

SUPPLEMENTAL FOR ASME CODE CLASS 2 PIPING AND COMPONENTS

1.	Owner STP Nuclear Operating Company, P. O. Box 289, Wadsworth, TX 77483 (Name and Address of Owner)							
2.	Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483 (Name and Address of Owner)							
3.	Plant Unit 4. Owner Certificate of Authorization (if required) N/A							
5.	Commercial Service Date06/19/896. National Board Number for UnitN/A							
10.	ABSTRACT OF EXAMINATIONS							
	System Functional and Inservice Pressure Tests as prescribed by IWA-5211 (b) and (c), respectively, were conducted on selected ASME Code Class 2 pressure retaining components in accordance with Table IWC-2500-1, Examination Category C-H, Item Nos. C7.10, C7.30, C7.50 and C7.70.							
	The Pressure Test and VT-2 visual examination was conducted during the last period of the first nterval (i.e. hydrostatic test). This test completed the first interval testing.							
	PSP15-CM-0001 Containment Hydrogen Monitoring System Functional Pressure Test							
	The Pressure Tests and VT-2 visual examinations were conducted during the first period o examination of the second interval in accordance with the following Plant Surveillance Pressure Tes Procedures:							
	Containment Spray System Functional Pressure Test PPSP15-FW-0001 Feedwater System Inservice Pressure Test PPSP15-MS-0001 Main Steam System Inservice Pressure Test PPSP15-RC-0001 Reactor Coolant System Leakage Pressure Test PPSP15-SB-0001 Steam Blowdown System Inservice Pressure Test PPSP15-SI-0001 Safety Injection System Functional Pressure Test							

ASME Code Class 2 piping and valves are specifically identified in the above referenced procedures.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during these Pressure Tests found only minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined acceptable for continued system operation. Appropriate corrective action was initiated to correct these leaks.

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

De	5 C O. A	
Prepared by:	2 Staulier	
	J.E. Stauber, Engineer	
Reviewed by:	MALLE	
• -	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with the 1983 Edition, S83 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers ASME Code Class 1 and 2 pressure-retaining components and their supports, where repair or replacement was performed between the end of the seventh refueling outage and the end of the eighth refueling outage just completed. Section XI requires submittal of this report in accordance with paragraph IWA-6230 for ASME Code Class 1 and 2 pressure-retaining components and their supports.

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
1	2-00-057	RC	98000512	VALVE	N2RCPSV3450	CROSBY	(OLD) N60491-00-0004 (NEW) N60491-00-0006	(OLD) 628 (NEW) 667	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-00-058	RC	98000513	VALVE	N2RCPSV3451	CROSBY	(OLD) N60491-00-0003 (NEW) N60491-00-0002	(OLD) 622 (NEW) 621	REPLACED VALVE	4/25/01
1	2-00-059	RC	98000515	VALVE	N2RCPSV3452	CROSBY	(OLD) N60491-00-0005 (NEW) N60491-00-0001	(OLD) 641 (NEW) 620	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-01-010	RC	388510	REACTOR COOLANT PUMP	1R132NPP201B	WESTINGHOUSE	2-115E580G02	47	REPLACED #2 CARTRIDGE SEAL HOUSING S/N: (OLD) 1444 (NEW) 1586	4/01/01
1	2-01-020	CV	415053	VALVE	2R172XCV0006	WESTINGHOUSE	0003	WW201 11	REPLACED VALVE STEM S/N: (OLD) 3764, (NEW) C42417	4/23/01
1	2-01-023	CV	404832	VALVE	1R172XCV0468	WESTINGHOUSE	0004	W26587	REPLACED VALVE BONNET S/N: (OLD) 4769, (NEW) 4097 & VALVE STEM Ht#: 2783-1 (NEW)	4/24/01
2	2-97-060	MS	97000268	VALVE	N2MSPSV743B	DRESSER	BT-02196	N/A	REPLACED VALVE DISK S/N: (OLD) AAK87, (NEW) ADD00	4/25/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
2	2-97-062	MS	P97000270	VALVE	N2MSPSV7430	DRESSER	BT-02204	N/A	REPLACED VALVE DISK S/N: (OLD) AAK84, (NEW) ADD01	4/24/01
2	2-99-014	cv	CV-380271	VALVE	SPARE VALVE	COPES VULCAN	8920-95494-6-1	2691	INSTALLLED STEM/PLUG ASSEMBLY SN: 99-1	6/19/00
2	2-99-086	PO	PO-349954	VALVE & PIPING	2R372TPO0204	ROCKWELL	BZ567	N/A	REMOVED VALVE & PIPING FROM LINE & INSTALLED 2" CAP HT# CL89	4/25/01
2	2-00-019	CV	CV-395634	VALVE	N2CVFCV0201	AMETEK	54-89-004	384	REPLACED VALVE BODY (OLD) MARK NO:NM595, (NEW) MARK NO: NM720 & PLUG (OLD) P/N: 0-203-3, (NEW) P/N: 0-203-3	6/29/00
2	2-00-021	cv	CV-388955	VALVE	N2CVFCV0202	AMETEK	VALVE (OLD) 54-89-003, (NEW) 54-76- 003	(OLD) 383, (NEW) 633	REPLACED VALVE	10/02/0 0
2	2-00-023	SI	SI-390742	PIPE SPOOL	SI-2118-V	EBASCO	HEAT #: 478243	N/A	BLEND GOUGE IN PIPE SPOOL PER DCP 00- 8630-4	1/17/01
2	2-00-033	SI	SI-388132	VALVE, ELBOW, PIPE	2N122TSI0120B	ANDERSON GREENWOOD (OLD), BW/IP	VALVE (OLD) A3873, (NEW) E193A-1-3;	N/A	REPLACED VALVE, ELBOW (NEW) HT.# A05	1/9/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
						INTER. (NEW)	·		& PIPE HT# (OLD) 9A0927, (NEW) 9A0927	
2	2-00-056	SI	SI-399249	VALVE	N/A	ANDERSON GREENWOOD	A3873	N/A	LAPPED VALVE SEAT AND SEAL WELDED BONNET- RETURNED TO STOCK	1/24/01
2	2-01-004	CV	SI-379546	VALVE, PIPE, PIPE COUPLING	2R172TCV0245	ANDERSON GREENWOOD (OLD), BW/IP INTER. (NEW)	VALVE (OLD) A3901, (NEW) E193A-1-3	N/A	REPLACED VALVE AND PIPE HT# (OLD) 468810, (NEW) K16389 & PIPE COUPLING HT#:CSK(NEW)	4/23/01
2	2-01-005	CV	CV-379546	PIPE SUPPORT	CV2111-HF5001	NPSI	N/A	N/A	REPLACE PIPÉ SUPPORT 'U' STRAP – NF	4/23/01
2	2-01-007	FW	FW-404173	VALVE, PIPE	2S132TFW0220	BW/IP INTER. (OLD), YARWAY (NEW)	VALVE (OLD) 931H0212, (NEW) C3066;	N/A	REPLACED VALVE AND PIPE HT#: 698814 (NEW)	4/24/01
2	2-01-012	MS	PM 87009801	VALVE	C2MSPV7431	CONTROL COMPONENTS	35200-1-3	N/A	REPLACED VALVE PLUG S/N: (OLD) 320601546, (NEW) M647570-S/N-1	4/25/01
2	2-01-019	FW	FW-392422	SNUBBER	FW2123HL5001	ANCHOR DARLING	(OLD) 767, (NEW) 1537	N/A	REPLACED SNUBBER	3/28/01

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT

FOR SYSTEM PRESSURE TESTS

(CLASS 1 AND 2)

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P. O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

DE	0 < 0	
Prepared by: _	12 Staules	
	J.E. Stauber, Engineer	
Reviewed by:	MM	
_	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 SYSTEM PRESSURE TESTS

The tests summarized in this report were performed in accordance with the 1983 Edition through Summer 1983 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers selected ASME Code Class 1 and 2 Systems/Components. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in IWB-2412 and IWC-2412 for ASME Code Class 1 and 2 Systems/Components.

All ASME Code Class 1 components were examined as prescribed by Table IWB-2500-1, Examination Category B-P, which established the examination frequency at each refueling outage.

The ASME Code Class 2 Systems/Components were selected on a prorated basis. This prorated selection process will continue until all ASME Code Class 2 Systems/Components are examined in accordance with Table IWC-2500-1, Examination Category C-H. This examination category for ASME Code Class 2 Systems/Components established the examination frequency at each inspection period.

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

1.	Owner	STP Nuc	lear Operating Co	ompany, P. O. Box 289, Wadsworth,	TX 77483
2.	Plant South Tex	xas Projec	t Electric Genera	ting Station P.O. Box 289, Wadswor	th, TX 77483
3.	Plant Unit	2 4	1. Owner Certifica	ate of Authorization (if required)	N/A
5.	Commercial Ser	rvice Date	06/19/89	6. National Board Number for Uni	t <u>N/A</u>
7.	Components Ins	spected	ASME CO	DE CLASS 1 PIPING AND COMPO	NENTS

Component or	Manufacturer	Manufacturer	State or	National
Appurtenance	or Installer	or Installer	Province	Board No.
		Serial No.	No.	
REACTOR VESSEL	COMBUSTION ENGR/	12173	N/A	22391
1R102NRV201A	WESTINGHOUSE (M)			<u> </u>
STM. GENERATOR 2A	WESTINGHOUSE (M)	2151	N/A	29
1R122NSG201A				
STM. GENERATOR 2B	WESTINGHOUSE (M)	2152	N/A	30
1R122NSG201B				
STM. GENERATOR 2C	WESTINGHOUSE (M)	2153	N/A	31
1R122NSG201C				
STM. GENERATOR 2D	WESTINGHOUSE (M)	2154	N/A	32
1R122NSG201D				
PRESSURIZER 2A	WESTINGHOUSE (M)	2161	N/A	N/A
1R112NPZ201A				
RC PUMP 2A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
1R132NPP201A				
RC PUMP 2B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
1R132NPP201B				
RC PUMP 2C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
1R132NPP201C				
RC PUMP 2D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
1R132NPP201D				
CLASS 1 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
CLASS 1 VALVES	VARIOUS	VARIOUS	N/A	N/A

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) Information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form

FORM NIS-1 (Back)

8.	Examination Dates	11/10/1999	to	04/02/2001	9.	Inspection Interval from	10/19/2000	to
	10/18/2010	,						

- 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
- 11. Abstract of conditions Noted
 No relevant conditions affecting pressure-retaining boundaries were noted.
- 12. Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.

We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date 6/2 2001 Signed STP Nuclear Operating Company. By Owner M. S. Lashley Test Engineering Supervisor
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, Rhode Island. have inspected the components described in this Owner's Report during the period <u>11/10/1999 to 04/0202001</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, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
B. R. Russell, Inspector's Signature Commissions TX-826 National Board, State, Province, and Endorsements
Date 6-12- 20 01

SUPPLEMENTAL PAGE FOR ASME CODE CLASS 1 PIPING AND COMPONENTS

1.	Owner STP Nuclear Operating Company, P. O. Box 289, Wadsworth , TX 77483
2.	Plant South Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
3.	Plant Unit 4. Owner Certificate of Authorization (if required) N/A
5.	Commercial Service Date 06/19/89 6. National Board Number for Unit N/A
10.	ABSTRACT OF EXAMINATIONS
	A System Leakage Test as prescribed in IWA-5211(a) for all ASME Code Class 1 Pressure-Retaining Components was conducted in accordance with Table IWB-2500-1, Examination Category B-P, Item Nos. B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, and B15.70. The Pressure Test and VT-2 visual examinations were conducted in accordance with Plant Surveillance Pressure Test Procedure, 0PSP15-RC-0001, Reactor Coolant System Leakage Pressure Test, at the conclusion of the eighth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during the Pressure Test found minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined to be acceptable for continued operation. Appropriate corrective action was initiated to correct these leaks.

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

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth	n, TX 77483
		(Name and Address of Owner)	
2.	Plant South	Texas Project Electric Generating Station P.O. Box 289, Wadsworth	n, TX 77483
		(Name and Address of Owner)	
3.	Plant Unit	2 4. Owner Certificate of Authorization (if required)	N/A
5.	Commercial	Service Date06/19/89 6. National Board Number for Unit	N/A

7. Components Inspected ASME CODE CLASS 2 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CS PUMP 2A 2N102NPA201A	PACIFIC PUMPS	51710	N/A	454
CS PUMP 2B 2N102NPA201B	PACIFIC PUMPS	51711	N/A	455
CS PUMP 2C 2N102NPA201C	PACIFIC PUMPS	51712	N/A	456
HHSI PUMP 2B 2N122NPA201B	PACIFIC PUMPS	51699	N/A	401
HHSI PUMP 2C 2N122NPA201C	PACIFIC PUMPS	51700	N/A	402
HHSI PUMP2A 2N122 <u>N</u> PA201A	PACIFIC PUMPS	51698	N/A	400
LHSI PUMP 2A 2N122NPA202A	PACIFIC PUMPS	51704	N/A	460
LHSI PUMP 2B 2N122NPA202B	PACIFIC PUMPS	51705	N/A	461
LHSI PUMP 2C 2N122NPA202C	PACIFIC PUMPS	51706	N/A	462
SI ACCUM. 2A 2N122NRC201A	WESTINGHOUSE	0058	N/A	402
SI ACCUM. 2B 2N122NRC201B	WESTINGHOUSE	0042	N/A	361
SI ACCUM. 2C 2N122NRC201C	WESTINGHOUSE	0059	N/A	403
SI RWST 2N122NTF201A	BROWN MINNEAPOLIS	1100-16	N/A	N/A
STM. GENERATOR 2A 1R122NSG201A	WESTINGHOUSE (M)	2151	N/A	29
STM. GENERATOR 2B 1R122NSG201B	WESTINGHOUSE (M)	2152	N/A	30
STM. GENERATOR 2C 1R122NSG201C	WESTINGHOUSE (M)	2153	N/A	31
STM. GENERATOR 2D 1R122NSG201D	WESTINGHOUSE (M)	2154	N/A	32
ASSOC. CLASS 2 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
ASSOC. CLASS 2 VALVES	VARIOUS	VARIOUS	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8.	Examination Dates	11/10/1999 to	04/02/2001	9.	Inspection Interval from	10/19/2000 to	10/18/2010
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- 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
- Abstract of Conditions Noted
 No relevant conditions affecting pressure-retaining boundaries were noted.
- 12. Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.

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

Certif	icate of Authoriza	ation No. (if applicable)	N/A	Expiration Da	nteN/A	- 11
Date_	6/12	20	Nuclear Ope Owr		V V II Z ala	uspiley
			0111	101		ineering Supervisor

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, Rhode Island. have inspected the components described in this Owner's Report during the period 11/10/1999 to 04/0202001, 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, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

B.R. Russell		Commissions _	TX-826 National Board, State, Province, and Endorsements
	6-12-		, , ,

SUPPLEMENTAL FOR ASME CODE CLASS 2 PIPING AND COMPONENTS

1.	Owner STP Nuclear Opera	ating Company, P. O. Box 289, Wadsworth, TX 77483 (Name and Address of Owner)	
2.	Plant South Texas Project	Electric Generating Station, P.O. Box 289, Wadsworth, (Name and Address of Owner)	TX 77483
3.	Plant Unit 2 4	. Owner Certificate of Authorization (if required)	N/A
5.	Commercial Service Date	06/19/89 6. National Board Number for Unit	N/A
10.	ABSTRACT OF EXAMINA	<u>TIONS</u>	
	were conducted on selecte	ervice Pressure Tests as prescribed by IWA-5211 (b) ard ASME Code Class 2 pressure retaining components ation Category C-H, Item Nos. C7.10, C7.30, C7.50 and	in accordance with
		Γ-2 visual examination was conducted during the last). This test completed the first interval testing.	period of the first
	0PSP15-CM-0001 Contain	nment Hydrogen Monitoring System Functional Pressure	e Test
		VT-2 visual examinations were conducted during interval in accordance with the following Plant Surveilla	
	0PSP15-CS-0001 0PSP15-FW-0001 0PSP15-MS-0001 0PSP15-RC-0001 0PSP15-SB-0001 0PSP15-SI-0001	Containment Spray System Functional Pressure Test Feedwater System Inservice Pressure Test Main Steam System Inservice Pressure Test Reactor Coolant System Leakage Pressure Test Steam Blowdown System Inservice Pressure Test Safety Injection System Functional Pressure Test	

ASME Code Class 2 piping and valves are specifically identified in the above referenced procedures.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during these Pressure Tests found only minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined acceptable for continued system operation. Appropriate corrective action was initiated to correct these leaks.

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

1)6	5 5 Q. A	
Prepared by:	& Haulies	
	J.E. Stauber, Engineer	
Reviewed by:	MALLO	
· _	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with the 1983 Edition, S83 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers ASME Code Class 1 and 2 pressure-retaining components and their supports, where repair or replacement was performed between the end of the seventh refueling outage and the end of the eighth refueling outage just completed. Section XI requires submittal of this report in accordance with paragraph IWA-6230 for ASME Code Class 1 and 2 pressure-retaining components and their supports.

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
1	2-00-057	RC	98000512	VALVE	N2RCPSV3450	CROSBY	(OLD) N60491-00-0004 (NEW) N60491-00-0006	(OLD) 628 (NEW) 667	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-00-058	RC	98000513	VALVE	N2RCPSV3451	CROSBY	(OLD) N60491-00-0003 (NEW) N60491-00-0002	(OLD) 622 (NEW) 621	REPLACED VALVE	4/25/01
1	2-00-059	RC	98000515	VALVE	N2RCPSV3452	CROSBY	(OLD) N60491-00-0005 (NEW) N60491-00-0001	(OLD) 641 (NEW) 620	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-01-010	RC	388510	REACTOR COOLANT PUMP	1R132NPP201B	WESTINGHOUSE	2-115E580G02	47	REPLACED #2 CARTRIDGE SEAL HOUSING S/N: (OLD) 1444 (NEW) 1586	4/01/01
1	2-01-020	CV	415053	VALVE	2R172XCV0006	WESTINGHOUSE	0003	WW201 11	REPLACED VALVE STEM S/N: (OLD) 3764, (NEW) C42417	4/23/01
1	2-01-023	CV	404832	VALVE	1R172XCV0468	WESTINGHOUSE	0004	W26587	REPLACED VALVE BONNET S/N: (OLD) 4769, (NEW) 4097 & VALVE STEM Ht#: 2783-1 (NEW)	4/24/01
2	2-97-060	MS	97000268	VALVE	N2MSPSV743B	DRESSER	BT-02196	N/A	REPLACED VALVE DISK S/N: (OLD) AAK87, (NEW) ADD00	4/25/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
2	2-97-062	MS	P97000270	VALVE	N2MSPSV7430	DRESSER	BT-02204	N/A	REPLACED VALVE DISK S/N: (OLD) AAK84, (NEW) ADD01	4/24/01
2	2-99-014	CV	CV-380271	VALVE	SPARE VALVE	COPES VULCAN	8920-95494-6-1	2691	INSTALLLED STEM/PLUG ASSEMBLY SN: 99-1	6/19/00
2	2-99-086	PO	PO-349954	VALVE & PIPING	2R372TPO0204	ROCKWELL	BZ567	N/A	REMOVED VALVE & PIPING FROM LINE & INSTALLED 2" CAP HT# CL89	4/25/01
2	2-00-019	CV	CV-395634	VALVE	N2CVFCV0201	AMETEK	54-89-004	384	REPLACED VALVE BODY (OLD) MARK NO:NM595, (NEW) MARK NO: NM720 & PLUG (OLD) P/N: 0-203-3, (NEW) P/N: 0-203-3	6/29/00
2	2-00-021	CV	CV-388955	VALVE	N2CVFCV0202	AMETEK	VALVE (OLD) 54-89-003, (NEW) 54-76- 003	(OLD) 383, (NEW) 633	REPLACED VALVE	10/02/0 0
2	2-00-023	SI	SI-390742	PIPE SPOOL	SI-2118-V	EBASCO	HEAT #: 478243	N/A	BLEND GOUGE IN PIPE SPOOL PER DCP 00- 8630-4	1/17/01
2	2-00-033	SI	SI-388132	VALVE, ELBOW, PIPE	2N122TSI0120B	ANDERSON GREENWOOD (OLD), BW/IP	VALVE (OLD) A3873, (NEW) E193A-1-3;	N/A	REPLACED VALVE, ELBOW (NEW) HT.# A05	1/9/01

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
						INTER. (NEW)			& PIPE HT# (OLD) 9A0927, (NEW) 9A0927	
2	2-00-056	SI	SI-399249	VALVE	N/A	ANDERSON GREENWOOD	A3873	N/A	LAPPED VALVE SEAT AND SEAL WELDED BONNET- RETURNED TO STOCK	1/24/01
2	2-01-004	CV	SI-379546	VALVE, PIPE, PIPE COUPLING	2R172TCV0245	ANDERSON GREENWOOD (OLD), BW/IP INTER. (NEW)	VALVE (OLD) A3901, (NEW) E193A-1-3	N/A	REPLACED VALVE AND PIPE HT# (OLD) 468810, (NEW) K16389 & PIPE COUPLING HT#:CSK(NEW)	4/23/01
2	2-01-005	CV	CV-379546	PIPE SUPPORT	CV2111-HF5001	NPSI	N/A	N/A	REPLACE PIPE SUPPORT 'U' STRAP – NF	4/23/01
2	2-01-007	FW	FW-404173	VALVE, PIPE	2S132TFW0220	BW/IP INTER. (OLD), YARWAY (NEW)	VALVE (OLD) 931H0212, (NEW) C3066;	N/A	REPLACED VALVE AND PIPE HT#: 698814 (NEW)	4/24/01
2	2-01-012	MS	PM 87009801	VALVE	C2MSPV7431	CONTROL COMPONENTS	35200-1-3	N/A	REPLACED VALVE PLUG S/N: (OLD) 320601546, (NEW) M647570-S/N-1	4/25/01
2	2-01-019	FW	FW-392422	SNUBBER	FW2123HL5001	ANCHOR DARLING	(OLD) 767, (NEW) 1537	N/A	REPLACED SNUBBER	3/28/01

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT

FOR SYSTEM PRESSURE TESTS

(CLASS 1 AND 2)

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P. O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

DE	0 < 0	
Prepared by: _	12 Staules	
	JÆ Stauber, Engineer	
Reviewed by:	MM	
• -	M.S. Lashley, Supervising Engineer	-

SCOPE

2RE08 SYSTEM PRESSURE TESTS

The tests summarized in this report were performed in accordance with the 1983 Edition through Summer 1983 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers selected ASME Code Class 1 and 2 Systems/Components. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in IWB-2412 and IWC-2412 for ASME Code Class 1 and 2 Systems/Components.

All ASME Code Class 1 components were examined as prescribed by Table IWB-2500-1, Examination Category B-P, which established the examination frequency at each refueling outage.

The ASME Code Class 2 Systems/Components were selected on a prorated basis. This prorated selection process will continue until all ASME Code Class 2 Systems/Components are examined in accordance with Table IWC-2500-1, Examination Category C-H. This examination category for ASME Code Class 2 Systems/Components established the examination frequency at each inspection period.

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

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth, TX 77483
2.	Plant South Tex	kas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
3.	Plant Unit	2 4. Owner Certificate of Authorization (if required) N/A
5.	Commercial Ser	vice Date06/19/89 6. National Board Number for UnitN/A
7.	Components Ins	spectedASME CODE CLASS 1 PIPING AND COMPONENTS

~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
Manufacturer	Manufacturer	State or	National
or Installer	or Installer	Province	Board No.
	Serial No.	No.	
COMBUSTION ENGR/	12173	N/A	22391
WESTINGHOUSE (M)			
WESTINGHOUSE (M)	2151	N/A	29
1			
WESTINGHOUSE (M)	2152	N/A	30
` ′			
WESTINGHOUSE (M)	2153	N/A	31
` ′			
WESTINGHOUSE (M)	2154	N/A	32
WESTINGHOUSE (M)	2161	N/A	N/A
` ′			
WESTINGHOUSE (M)	1-115E580G02	N/A	46
, ,			
WESTINGHOUSE (M)	2-115E580G02	N/A	47
1			
WESTINGHOUSE (M)	3-115E580G02	N/A	48
1			
WESTINGHOUSE (M)	4-115E580G02	N/A	49
1			
EBASCO (I)	VARIOUS	N/A	N/A
VARIOUS	VARIOUS	N/A	N/A
	COMBUSTION ENGR/ WESTINGHOUSE (M)	or Installer or Installer Serial No. COMBUSTION ENGR/ WESTINGHOUSE (M) 12173 WESTINGHOUSE (M) 2151 WESTINGHOUSE (M) 2152 WESTINGHOUSE (M) 2153 WESTINGHOUSE (M) 2154 WESTINGHOUSE (M) 2161 WESTINGHOUSE (M) 1-115E580G02 WESTINGHOUSE (M) 2-115E580G02 WESTINGHOUSE (M) 4-115E580G02 WESTINGHOUSE (M) 4-115E580G02 WESTINGHOUSE (M) VARIOUS	or Installer or Installer Serial No. Province No. COMBUSTION ENGR/ WESTINGHOUSE (M) 12173 N/A WESTINGHOUSE (M) 2151 N/A WESTINGHOUSE (M) 2152 N/A WESTINGHOUSE (M) 2153 N/A WESTINGHOUSE (M) 2154 N/A WESTINGHOUSE (M) 2161 N/A WESTINGHOUSE (M) 1-115E580G02 N/A WESTINGHOUSE (M) 2-115E580G02 N/A WESTINGHOUSE (M) 3-115E580G02 N/A WESTINGHOUSE (M) 4-115E580G02 N/A EBASCO (I) VARIOUS N/A

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) Information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form

8.	Examination Dates	11/10/1999 to	04/02/2001	9.	Inspection Interval from	10/19/2000 to	
	10/18/2010				- •		

- 10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
- 11. Abstract of conditions Noted

 No relevant conditions affecting pressure-retaining boundaries were noted.

12.	Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.
	tify that the statements made in this report are correct and the examinations and corrective measures taken in to the rules of the ASME Code, Section XI.
Certific	ate of Authorization No. (if applicable) N/A Expiration Date N/A
Date	Owner 2001 Signed STP Nuclear Operating Company. By Owner M. S. Lashley Test Engineering Supervisor
	CERTIFICATE OF INSERVICE INSPECTION
and the inspect state of the measure Section By sight the existence of the connection of the state of the sta	andersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors e State or Province of Texas and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island. have ted the components described in this Owner's Report during the period 11/10/1999 to 04/0202001, and to the best of my knowledge and belief, the Owner has performed examinations and taken corrective res described in this Owner's report in accordance with the inspection plan and as required by the ASME Code, in XI. In this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his yer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or creat with this inspection. Commissions TX-826 R. Russell, Inspector's Signature National Board, State, Province, and Endorsements
Date	6-12- 2001

SUPPLEMENTAL PAGE FOR ASME CODE CLASS 1 PIPING AND COMPONENTS

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth, TX 7748	3						
2.	Plant South Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483								
3.	Plant Unit	2 4. Owner Certificate of Authorization (if required)	N/A						
5.	Commercial Se	Service Date 6. National Board Number for Unit	N/A						
10.	ABSTRACT OF EXAMINATIONS								
A System Leakage Test as prescribed in IWA-5211(a) for all ASME Code Class 1 Pre- Retaining Components was conducted in accordance with Table IWB-2500-1, Exam Category B-P, Item Nos. B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, and B15.70.									
	The Pressure Test and VT-2 visual examinations were conducted in accordance with Plant Surveillance Pressure Test Procedure, 0PSP15-RC-0001, Reactor Coolant System Leakage Pressure Test, at the conclusion of the eighth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.								

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during the Pressure Test found minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined to be acceptable for continued operation. Appropriate corrective action was initiated to correct these leaks.

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

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth,	TX 77483
		(Name and Address of Owner)	
2.	Plant South Texa	s Project Electric Generating Station P.O. Box 289, Wadsworth,	TX 77483
		(Name and Address of Owner)	
3.	Plant Unit2	4. Owner Certificate of Authorization (if required)	N/A
5.	Commercial Servi	ice Date <u>06/19/89</u> 6. National Board Number for Unit	N/A

7. Components Inspected ASME CODE CLASS 2 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CS PUMP 2A 2N102NPA201A	PACIFIC PUMPS	51710	N/A	454
CS PUMP 2B 2N102NPA201B	PACIFIC PUMPS	51711	N/A	455
CS PUMP 2C 2N102NPA201C	PACIFIC PUMPS	51712	N/A	456
HHSI PUMP 2B 2N122NPA201B	PACIFIC PUMPS	51699	N/A	401
HHSI PUMP 2C 2N122NPA201C	PACIFIC PUMPS	51700	N/A	402
HHSI PUMP2A 2N122 <u>N</u> PA201A	PACIFIC PUMPS	51698	N/A	400
LHSI PUMP 2A 2N122NPA202A	PACIFIC PUMPS	51704	N/A	460
LHSI PUMP 2B 2N122NPA202B	PACIFIC PUMPS	51705	N/A	461
LHSI PUMP 2C 2N122NPA202C	PACIFIC PUMPS	51706	N/A	462
SI ACCUM. 2A 2N122NRC201A	WESTINGHOUSE	0058	N/A	402
SI ACCUM. 2B 2N122NRC201B	WESTINGHOUSE	0042	N/A	361
SI ACCUM. 2C 2N122NRC201C	WESTINGHOUSE	0059	N/A	403
SI RWST 2N122NTF201A	BROWN MINNEAPOLIS	1100-16	N/A	N/A
STM. GENERATOR 2A 1R122NSG201A	WESTINGHOUSE (M)	2151	N/A	29
STM. GENERATOR 2B 1R122NSG201B	WESTINGHOUSE (M)	2152	N/A	30
STM. GENERATOR 2C 1R122NSG201C	WESTINGHOUSE (M)	2153	N/A	31
STM. GENERATOR 2D 1R122NSG201D	WESTINGHOUSE (M)	2154	N/A	32
ASSOC. CLASS 2 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
ASSOC. CLASS 2 VALVES	VARIOUS	VARIOUS	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

 Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
 Abstract of Conditions Noted No relevant conditions affecting pressure-retaining boundaries were noted.
12. Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date 6/12 20 01 Signed STP Nuclear Operating Company. By M. S. Lashley Test Engineering Supervisor
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, Rhode Island. have inspected the components described in this Owner's Report during the period 11/10/1999 to 04/0202001, 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, expressed 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 TX-826
B.R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

6-12-

Date

2001

SUPPLEMENTAL FOR ASME CODE CLASS 2 PIPING AND COMPONENTS

1.	Owner STP Nuclear Operating Company, P. O. Box 289, Wadsworth, TX 77483 (Name and Address of Owner)
	(Name and Address of Owner)
2.	Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483
	(Name and Address of Owner)
3.	Plant Unit 4. Owner Certificate of Authorization (if required) N/A
5.	Commercial Service Date06/19/89 6. National Board Number for Unit N/A
10.	ABSTRACT OF EXAMINATIONS
	System Functional and Inservice Pressure Tests as prescribed by IWA-5211 (b) and (c), respectively, were conducted on selected ASME Code Class 2 pressure retaining components in accordance with Table IWC-2500-1, Examination Category C-H, Item Nos. C7.10, C7.30, C7.50 and C7.70.
	The Pressure Test and VT-2 visual examination was conducted during the last period of the first interval (i.e. hydrostatic test). This test completed the first interval testing.
	0PSP15-CM-0001 Containment Hydrogen Monitoring System Functional Pressure Test
	The Pressure Tests and VT-2 visual examinations were conducted during the first period of examination of the second interval in accordance with the following Plant Surveillance Pressure Test Procedures:
	0PSP15-CS-0001 Containment Spray System Functional Pressure Test 0PSP15-FW-0001 Feedwater System Inservice Pressure Test 0PSP15-MS-0001 Main Steam System Inservice Pressure Test 0PSP15-RC-0001 Reactor Coolant System Leakage Pressure Test 0PSP15-SB-0001 Steam Blowdown System Inservice Pressure Test 0PSP15-SI-0001 Safety Injection System Functional Pressure Test

ASME Code Class 2 piping and valves are specifically identified in the above referenced procedures.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during these Pressure Tests found only minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined acceptable for continued system operation. Appropriate corrective action was initiated to correct these leaks.

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

De	2 6 0	
Prepared by:	2 Staulies	
	J.E. Stauber, Engineer	
Reviewed by:	MALLEY	
	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with the 1983 Edition, S83 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers ASME Code Class 1 and 2 pressure-retaining components and their supports, where repair or replacement was performed between the end of the seventh refueling outage and the end of the eighth refueling outage just completed. Section XI requires submittal of this report in accordance with paragraph IWA-6230 for ASME Code Class 1 and 2 pressure-retaining components and their supports.

SOUTH TEXAS PROJECT UNIT 2 ASME SECTION XI 2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS (CLASS 1 AND 2)

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
1	2-00-057	RC	98000512	VALVE	N2RCPSV3450	CROSBY	(OLD) N60491-00-0004 (NEW) N60491-00-0006	(OLD) 628 (NEW) 667	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-00-058	RC	98000513	VALVE	N2RCPSV3451	CROSBY	(OLD) N60491-00-0003 (NEW) N60491-00-0002	(OLD) 622 (NEW) 621	REPLACED VALVE	4/25/01
1	2-00-059	RC	98000515	VALVE	N2RCPSV3452	CROSBY	(OLD) N60491-00-0005 (NEW) N60491-00-0001	(OLD) 641 (NEW) 620	REPLACED VALVE & FLANGE STUD HT# NRJ(NEW)	4/25/01
1	2-01-010	RC	388510	REACTOR COOLANT PUMP	1R132NPP201B	WESTINGHOUSE	2-115E580G02	47	REPLACED #2 CARTRIDGE SEAL HOUSING S/N: (OLD) 1444 (NEW) 1586	4/01/01
1	2-01-020	CV	415053	VALVE	2R172XCV0006	WESTINGHOUSE	0003	WW201 11	REPLACED VALVE STEM S/N: (OLD) 3764, (NEW) C42417	4/23/01
1	2-01-023	CV	404832	VALVE	1R172XCV0468	WESTINGHOUSE	0004	W26587	REPLACED VALVE BONNET S/N: (OLD) 4769, (NEW) 4097 & VALVE STEM Ht#: 2783-1 (NEW)	4/24/01
2	2-97-060	MS	97000268	VALVE	N2MSPSV743B	DRESSER	BT-02196	N/A	REPLACED VALVE DISK S/N: (OLD) AAK87, (NEW) ADD00	4/25/01

SOUTH TEXAS PROJECT UNIT 2 ASME SECTION XI 2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS (CLASS 1 AND 2)

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
2	2-97-062	MS	P97000270	VALVE	N2MSPSV7430	DRESSER	BT-02204	N/A	REPLACED VALVE DISK S/N: (OLD) AAK84, (NEW) ADD01	4/24/01
2	2-99-014	CV	CV-380271	VALVE	SPARE VALVE	COPES VULCAN	8920-95494-6-1	2691	INSTALLED STEM/PLUG ASSEMBLY SN: 99-1	6/19/00
2	2-99-086	PO	PO-349954	VALVE & PIPING	2R372TPO0204	ROCKWELL	BZ567	N/A	REMOVED VALVE & PIPING FROM LINE & INSTALLED 2" CAP HT# CL89	4/25/01
2	2-00-019	CV	CV-395634	VALVE	N2CVFCV0201	AMETEK	54-89-004	384	REPLACED VALVE BODY (OLD) MARK NO:NM595, (NEW) MARK NO: NM720 & PLUG (OLD) P/N: 0-203-3, (NEW) P/N: 0-203-3	6/29/00
2	2-00-021	CV	CV-388955	VALVE	N2CVFCV0202	AMETEK	VALVE (OLD) 54-89-003, (NEW) 54-76- 003	(OLD) 383, (NEW) 633	REPLACED VALVE	10/02/0 0
2	2-00-023	SI	SI-390742	PIPE SPOOL	SI-2118-V	EBASCO	HEAT #: 478243	N/A	BLEND GOUGE IN PIPE SPOOL PER DCP 00- 8630-4	1/17/01
2	2-00-033	SI	SI-388132	VALVE, ELBOW, PIPE	2N122TSI0120B	ANDERSON GREENWOOD (OLD), BW/IP	VALVE (OLD) A3873, (NEW) E193A-1-3;	N/A	REPLACED VALVE, ELBOW (NEW) HT.# A05	1/9/01

SOUTH TEXAS PROJECT UNIT 2 ASME SECTION XI 2RE08 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS (CLASS 1 AND 2)

CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
						INTER. (NEW)	, , , , , , , , , , , , , , , , , , , ,		& PIPE HT# (OLD) 9A0927, (NEW) 9A0927	
2	2-00-056	SI	SI-399249	VALVE	N/A	ANDERSON GREENWOOD	A3873	N/A	LAPPED VALVE SEAT AND SEAL WELDED BONNET- RETURNED TO STOCK	1/24/01
2	2-01-004	CV	SI-379546	VALVE, PIPE, PIPE COUPLING	2R172TCV0245	ANDERSON GREENWOOD (OLD), BW/IP INTER. (NEW)	VALVE (OLD) A3901, (NEW) E193A-1-3	N/A	REPLACED VALVE AND PIPE HT# (OLD) 468810, (NEW) K16389 & PIPE COUPLING HT#:CSK(NEW)	4/23/01
2	2-01-005	CV	CV-379546	PIPE SUPPORT	CV2111-HF5001	NPSI	N/A	N/A	REPLACE PIPE SUPPORT 'U' STRAP NF	4/23/01
2	2-01-007	FW	FW-404173	VALVE, PIPE	2S132TFW0220	BW/IP INTER. (OLD), YARWAY (NEW)	VALVE (OLD) 931H0212, (NEW) C3066;	N/A	REPLACED VALVE AND PIPE HT#: 698814 (NEW)	4/24/01
2	2-01-012	MS	PM 87009801	VALVE	C2MSPV7431	CONTROL COMPONENTS	35200-1-3	N/A	REPLACED VALVE PLUG S/N: (OLD) 320601546, (NEW) M647570-S/N-1	4/25/01
2	2-01-019	FW	FW-392422	SNUBBER	FW2123HL5001	ANCHOR DARLING	(OLD) 767, (NEW) 1537	N/A	REPLACED SNUBBER	3/28/01

COVER SHEET

2RE08 INSERVICE INSPECTION SUMMARY REPORT

FOR SYSTEM PRESSURE TESTS

(CLASS 1 AND 2)

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

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Prepared by: _	L Staules	
	J.E. Stauber, Engineer	
Reviewed by: _	M.S. Lashley, Supervising Engineer	

SCOPE

2RE08 SYSTEM PRESSURE TESTS

The tests summarized in this report were performed in accordance with the 1983 Edition through Summer 1983 Addenda/1989 Edition with no Addenda of the ASME Code, Section XI, as applicable to the South Texas Project, Unit 2. This report covers selected ASME Code Class 1 and 2 Systems/Components. Examinations and tests required by the Code are scheduled in accordance with "Inspection Program B" as defined in IWB-2412 and IWC-2412 for ASME Code Class 1 and 2 Systems/Components.

All ASME Code Class 1 components were examined as prescribed by Table IWB-2500-1, Examination Category B-P, which established the examination frequency at each refueling outage.

The ASME Code Class 2 Systems/Components were selected on a prorated basis. This prorated selection process will continue until all ASME Code Class 2 Systems/Components are examined in accordance with Table IWC-2500-1, Examination Category C-H. This examination category for ASME Code Class 2 Systems/Components established the examination frequency at each inspection period.

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

1.	Owner	STP Nuc	lear Operating Co	ompany, P. O. Box 289, Wadsworth	, TX 77483
2.	Plant South Te	xas Projec	t Electric Genera	ting Station P.O. Box 289, Wadswo	rth, TX 77483
3.	Plant Unit	2 4	1. Owner Certifica	ate of Authorization (if required)	N/A
5.	Commercial Se	rvice Date	06/19/89	6. National Board Number for Un	it <u>N/A</u>
7 .	Components In	spected	ASME CO	DE CLASS 1 PIPING AND COMPO	ONENTS

Component or	Manufacturer	Manufacturer	State or	National
Appurtenance	or Installer	or Installer Serial No.	Province No.	Board No.
REACTOR VESSEL	COMBUSTION ENGR/	12173	N/A	22391
1R102NRV201A	WESTINGHOUSE (M)			
STM. GENERATOR 2A	WESTINGHOUSE (M)	2151	N/A	29
1R122NSG201A				
STM. GENERATOR 2B	WESTINGHOUSE (M)	2152	N/A	30
STM. GENERATOR 2C	WESTINGHOUSE (M)	2153	N/A	31
1R122NSG201C		55	' ' '	
STM. GENERATOR 2D	WESTINGHOUSE (M)	2154	N/A	32
1R122NSG201D				
PRESSURIZER 2A	WESTINGHOUSE (M)	2161	N/A	N/A
1R112NPZ201A				
RC PUMP 2A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
1R132NPP201A				
RC PUMP 2B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
1R132NPP201B				
RC PUMP 2C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
1R132NPP201C		<u> </u>		
RC PUMP 2D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
1R132NPP201D				
CLASS 1 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
CLASS 1 VALVES	VARIOUS	VARIOUS	N/A	N/A
		i	1	I

Note: Supplemental sheets in the form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) Information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form

8.	Examination Dates $11/10/1999$ to $04/02/2001$ 9. Inspection Interval from $10/18/2010$ to				
10.	O. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.				
11.	Abstract of conditions Noted No relevant conditions affecting pressure-retaining boundaries were noted.				
12.	Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.				
We certify that the statements made in this report are correct and the examinations and corrective measures taken conform to the rules of the ASME Code, Section XI.					
	ate of Authorization No. (if applicable)N/AExpiration Date N/A				
Date	Owner 2001 Signed STP Nuclear Operating Company. By Owner M. S. Lashley Test Engineering Supervisor				
	CERTIFICATE OF INSERVICE INSPECTION				
and the inspect state the measur Section By sign the exa	andersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at State or Province of Texas and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island. have seed the components described in this Owner's Report during the period 11/10/1999 to 04/0202001, and set to the best of my knowledge and belief, the Owner has performed examinations and taken corrective res described in this Owner's report in accordance with the inspection plan and as required by the ASME Code, a XI. Ining this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning aminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his ver shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or				

Commissions_

TX-826

National Board, State, Province, and Endorsements

connected with this inspection.

Date

B. R. Russell, Inspector's Signature

6-12- 2001

SUPPLEMENTAL PAGE FOR ASME CODE CLASS 1 PIPING AND COMPONENTS

1.	Owner STP Nuclear Operating Company, P. O. Box 289, Wadsworth , TX 77483					
2.	Plant South Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483					
3.	Plant Unit 4. Owner Certificate of Authorization (if required) N/A					
5.	Commercial Service Date 06/19/89 6. National Board Number for Unit N/A					
10.	ABSTRACT OF EXAMINATIONS					
	A System Leakage Test as prescribed in IWA-5211(a) for all ASME Code Class 1 Pressure-Retaining Components was conducted in accordance with Table IWB-2500-1, Examination Category B-P, Item Nos. B15.10, B15.20, B15.30, B15.40, B15.50, B15.60, and B15.70. The Pressure Test and VT-2 visual examinations were conducted in accordance with Plant Surveillance Pressure Test Procedure, 0PSP15-RC-0001, Reactor Coolant System Leakage Pressure Test, at the conclusion of the eighth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.					

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during the Pressure Test found minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined to be acceptable for continued operation. Appropriate corrective action was initiated to correct these leaks.

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

1.	Owner	STP Nuclear Operating Company, P. O. Box 289, Wadsworth	, TX 77483
		(Name and Address of Owner)	
2.	Plant South Texa	s Project Electric Generating Station P.O. Box 289, Wadsworth	<u>, TX 77483</u>
		(Name and Address of Owner)	
3.	Plant Unit2	4. Owner Certificate of Authorization (if required)	N/A
5.	Commercial Servi	ce Date <u>06/19/89</u> 6. National Board Number for Unit	N/A

7. Components Inspected ASME CODE CLASS 2 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
CS PUMP 2A 2N102NPA201A	PACIFIC PUMPS	51710	N/A	454
CS PUMP 2B 2N102NPA201B	PACIFIC PUMPS	51711	N/A	455
CS PUMP 2C 2N102NPA201C	PACIFIC PUMPS	51712	N/A	456
HHSI PUMP 2B 2N122NPA201B	PACIFIC PUMPS	51699	N/A	401
HHSI PUMP 2C 2N122NPA201C	PACIFIC PUMPS	51700	N/A	402
HHSI PUMP2A 2N122 <u>N</u> PA201A	PACIFIC PUMPS	51698	N/A	400
LHSI PUMP 2A 2N122NPA202A	PACIFIC PUMPS	51704	N/A	460
LHSI PUMP 2B 2N122NPA202B	PACIFIC PUMPS	51705	N/A	461
LHSI PUMP 2C 2N122NPA202C	PACIFIC PUMPS	51706	N/A	462
SI ACCUM. 2A 2N122NRC201A	WESTINGHOUSE	0058	N/A	402
SI ACCUM. 2B 2N122NRC201B	WESTINGHOUSE	0042	N/A	361
SI ACCUM. 2C 2N122NRC201C	WESTINGHOUSE	0059	N/A	403
SI RWST 2N122NTF201A	BROWN MINNEAPOLIS	1100-16	N/A	N/A
STM. GENERATOR 2A 1R122NSG201A	WESTINGHOUSE (M)	2151	N/A	29
STM. GENERATOR 2B 1R122NSG201B	WESTINGHOUSE (M)	2152	N/A	30
STM. GENERATOR 2C 1R122NSG201C	WESTINGHOUSE (M)	2153	N/A	31
STM. GENERATOR 2D 1R122NSG201D	WESTINGHOUSE (M)	2154	N/A	32
ASSOC. CLASS 2 PIPING	EBASCO (I)	VARIOUS	N/A	N/A
ASSOC. CLASS 2 VALVES	VARIOUS	VARIOUS	N/A	N/A

Note: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8 1/2 in. X 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

8.	Examination Dates 11/10/1999 to 04/02/2001 9. Inspection Interval from 10/19/2000 to 10/18/2010
10.	Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. Refer to Supplemental Sheet Page 3 of 3.
11.	Abstract of Conditions Noted No relevant conditions affecting pressure-retaining boundaries were noted.
12.	Abstract of Corrective Measures Recommended and Taken Refer to Supplemental Sheet Page 3 of 3.
	certify that the statements made in this report are correct and the examinations and corrective measures taken form to the rules of the ASME Code, Section XI.
Cert	ificate of Authorization No. (if applicable) N/A Expiration Date N/A
Date	Owner Signed STP Nuclear Operating Company. By M. S. Lastiley
	Owner M. S. Lastiley
	Test Engineering Supervisor
	CERTIFICATE OF INSERVICE INSPECTION
State com kno acco F exar shal	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the enderground of Texas and employed by Factory Mutual Insurance Co. of Johnston, Rhode Island. have inspected the aponents described in this Owner's Report during the period 11/10/1999 to 04/0202001, and state that to the best of my wledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in ordance 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, expressed or implied, concerning the minations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this section. Commissions TX-826
B.F	R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

6-12-

Date

2001

SUPPLEMENTAL FOR ASME CODE CLASS 2 PIPING AND COMPONENTS

1.	Owner STP Nuclear Operating Company, (Name of Name of Nam		· · · · · · · · · · · · · · · · · · ·			
	(Narr	ne and Address of Owner)				
2.		ting Station, P.O. Box 289, Wadsworth, ne and Address of Owner)	TX 77483			
3.	•	,	N/A			
5.	5. Commercial Service Date06/19/89	6. National Board Number for Unit	N/A			
10.	10. ABSTRACT OF EXAMINATIONS	. ABSTRACT OF EXAMINATIONS				
	System Functional and Inservice Pressure Tests as prescribed by IWA-5211 (b) and (c), respective were conducted on selected ASME Code Class 2 pressure retaining components in accordance will Table IWC-2500-1, Examination Category C-H, Item Nos. C7.10, C7.30, C7.50 and C7.70.					
	The Pressure Test and VT-2 visual examination was conducted during the last period of the interval (i.e. hydrostatic test). This test completed the first interval testing.					
	OPSP15-CM-0001 Containment Hydrogen Monitoring System Functional Pressure Test The Pressure Tests and VT-2 visual examinations were conducted during the first period examination of the second interval in accordance with the following Plant Surveillance Pressure Procedures:					
	0PSP15-FW-0001 Feedwater Sys 0PSP15-MS-0001 Main Steam Sy 0PSP15-RC-0001 Reactor Coolar 0PSP15-SB-0001 Steam Blowdow	pray System Functional Pressure Test tem Inservice Pressure Test estem Inservice Pressure Test int System Leakage Pressure Test win System Inservice Pressure Test in System Functional Pressure Test				

ASME Code Class 2 piping and valves are specifically identified in the above referenced procedures.

12. ABSTRACT OF CORRECTIVE MEASURES RECOMMENDED AND TAKEN

The Visual Examinations (VT-2) performed during these Pressure Tests found only minor leakage at mechanical joints such as valve stems and flanged connections. These leaks were evaluated and determined acceptable for continued system operation. Appropriate corrective action was initiated to correct these leaks.