



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.

A handwritten signature in black ink, appearing to read "T. J. Jordan".

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

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

DE
Prepared by: J. E. Stauber
J.E. Stauber, Engineer

Reviewed by: M. S. Lashley
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 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

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	COPEES 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	10/02/00
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

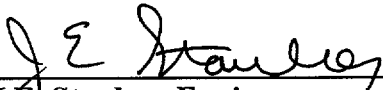
WADSWORTH, TEXAS 77483

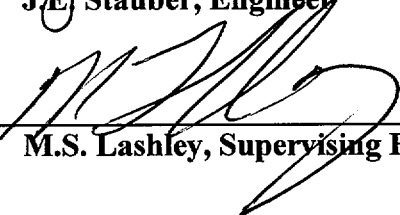
USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

DE
Prepared by: 
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 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 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
7. Components Inspected **ASME CODE CLASS 1 PIPING AND COMPONENTS**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REACTOR VESSEL 1R102NRV201A	COMBUSTION ENGR/ WESTINGHOUSE (M)	12173	N/A	22391
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
PRESSURIZER 2A 1R112NPZ201A	WESTINGHOUSE (M)	2161	N/A	N/A
RC PUMP 2A 1R132NPP201A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
RC PUMP 2B 1R132NPP201B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
RC PUMP 2C 1R132NPP201C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
RC PUMP 2D 1R132NPP201D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
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 6/12 2001 Signed STP Nuclear Operating Company. By M. S. Lashley
Owner 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 04/02/2001, 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 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 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 Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
 (Name and Address of Owner)
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
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 PUMP 2A 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

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 6/12 20 01 Signed STP Nuclear Operating Company. By M. S. Lashley
Owner 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 04/02/2001, 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

B.R. Russell, Inspector's Signature

National Board, State, Province, and Endorsements

Date 6-12- 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)
2. Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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 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
Prepared by: J. E. Stauber
J.E. Stauber, Engineer

Reviewed by: M. S. Lashley
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 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

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	COPE'S 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	10/02/00
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

DE
Prepared by: J.E. Stauber
J.E. Stauber, Engineer

Reviewed by: M.S. Lashley
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.

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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 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 Service Date 06/19/89 6. National Board Number for Unit N/A
7. Components Inspected ASME CODE CLASS 1 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REACTOR VESSEL 1R102NRV201A	COMBUSTION ENGR/ WESTINGHOUSE (M)	12173	N/A	22391
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
PRESSURIZER 2A 1R112NPZ201A	WESTINGHOUSE (M)	2161	N/A	N/A
RC PUMP 2A 1R132NPP201A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
RC PUMP 2B 1R132NPP201B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
RC PUMP 2C 1R132NPP201C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
RC PUMP 2D 1R132NPP201D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
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 6/12 2001 Signed STP Nuclear Operating Company. By M. S. Lashley
Owner 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 04/02/2001, 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
B. R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

Date 6-12- 20 01

**SUPPLEMENTAL PAGE FOR
ASME CODE CLASS 1 PIPING AND COMPONENTS**

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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 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 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 Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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
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 PUMP 2A 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
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 6/12 20 01 Signed STP Nuclear Operating Company. By M. S. Lashley
 Owner 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 04/02/2001, 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
 B.R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

Date 6-12- 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)
2. Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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 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
Prepared by: J. E. Stauber
J.E. Stauber, Engineer

Reviewed by: M. S. Lashley
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 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

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	COPEES 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	10/02/00
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

DE
Prepared by: J.E. Stauber
J.E. Stauber, Engineer

Reviewed by: M.S. Lashley
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 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 Service Date 06/19/89 6. National Board Number for Unit N/A
7. Components Inspected **ASME CODE CLASS 1 PIPING AND COMPONENTS**

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REACTOR VESSEL 1R102NRV201A	COMBUSTION ENGR/ WESTINGHOUSE (M)	12173	N/A	22391
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
PRESSURIZER 2A 1R112NPZ201A	WESTINGHOUSE (M)	2161	N/A	N/A
RC PUMP 2A 1R132NPP201A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
RC PUMP 2B 1R132NPP201B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
RC PUMP 2C 1R132NPP201C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
RC PUMP 2D 1R132NPP201D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
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 6/12 2001 Signed STP Nuclear Operating Company. By M. S. Lashley
Owner 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 04/02/2001, 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

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 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 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 Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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
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 PUMP 2A 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
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 6/12 20 01 Signed STP Nuclear Operating Company. By M. S. Lashley
 Owner 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 04/02/2001, 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
 B.R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

Date 6-12- 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)
2. Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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 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
Prepared by: J. E. Stauber
J.E. Stauber, Engineer

Reviewed by: M.S. Lashley
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 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

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	COPE'S 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	10/02/00
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

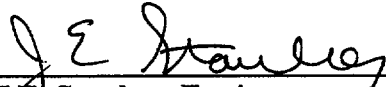
WADSWORTH, TEXAS 77483

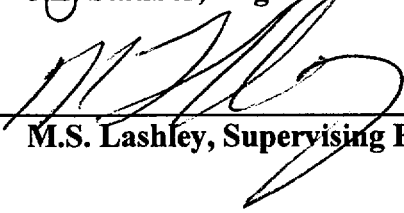
USNRC DOCKET NO: 50-499

OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

TRACKED BY CR# 00-9272-13

DE
Prepared by: 
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 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 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
7. Components Inspected ASME CODE CLASS 1 PIPING AND COMPONENTS

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
REACTOR VESSEL 1R102NRV201A	COMBUSTION ENGR/ WESTINGHOUSE (M)	12173	N/A	22391
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
PRESSURIZER 2A 1R112NPZ201A	WESTINGHOUSE (M)	2161	N/A	N/A
RC PUMP 2A 1R132NPP201A	WESTINGHOUSE (M)	1-115E580G02	N/A	46
RC PUMP 2B 1R132NPP201B	WESTINGHOUSE (M)	2-115E580G02	N/A	47
RC PUMP 2C 1R132NPP201C	WESTINGHOUSE (M)	3-115E580G02	N/A	48
RC PUMP 2D 1R132NPP201D	WESTINGHOUSE (M)	4-115E580G02	N/A	49
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.

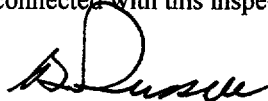
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A

Date 6/12 2001 Signed STP Nuclear Operating Company. By M. S. Lashley
Owner 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 04/02/2001, 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 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 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 Texas Project Electric Generating Station P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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
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 PUMP 2A 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
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 6/12 20 01 Signed STP Nuclear Operating Company. By M. S. Lashley
 Owner 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 04/02/2001, 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
 B.R. Russell, Inspector's Signature National Board, State, Province, and Endorsements

Date 6-12- 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)
2. Plant South Texas Project Electric Generating Station, P.O. Box 289, Wadsworth, TX 77483
(Name and Address of Owner)
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 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.