



South Texas Project Electric Generating Station PO Box 289 Wadsworth, Texas 77483

March 4, 2003
NOC-AE-03001483
File No: G25, T07.03
10CFR50.55a

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

South Texas Project
Unit 2
Docket No. STN 50-499
Inservice Inspection Summary Reports for Repairs and
Replacements and for System Pressure Tests – 2RE09

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 ninth refueling outage (2RE09) completed in December 2002. These summary reports satisfy the reporting requirements of Section XI, Article IWA-6230.

If there are any questions, please contact either Michael S. Lashley at (361) 972-7523 or me at (361) 972-7786.

A handwritten signature in black ink, appearing to read "A.P. Kent".

Alex P. Kent
Manager,
Test/Program Engineering

PLW

- Enclosures:
1. 2RE09 Inservice Inspection Summary Report for Repairs and Replacements
 2. 2RE09 Inservice Inspection Summary Report for System Pressure Tests

A047

cc:

(paper copy)

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* One copy of the attachment is provided.

COVER SHEET

**2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M.S. Lashley, Supervising Engineer

SCOPE

2RE09 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with Section XI of the ASME Code, 1989 Edition with no Addenda, which is 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 eighth refueling outage and the end of the ninth refueling outage just completed. This report is submitted in accordance with paragraph IWA-6230 of Section XI for ASME Code Class 1 and 2 pressure-retaining components and their supports.

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-004	SG	SG-370700	SG Primary Manways	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-005	SG	SG-370703	SG Primary Manways	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-006	SG	SG-370706	SG Primary Manways	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-007	SG	SG-370709	SG Primary Manways	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/27/03
1	02-02-008	SG	SG-370701	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-009	SG	SG-370704	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-010	SG	SG-370707	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-011	SG	SG-370710	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/29/03
1	02-02-022	SG	SG-411247	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-023	SG	SG-411248	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-024	SG	SG-411249	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02

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1	02-02-025	SG	SG-411250	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-026	SG	SG-411230	SG	1R122NSG201A	Westinghouse	1FM2	78	Performed RCS Nozzle Preps	12/18/02
1	02-02-027	SG	SG-411231	SG	1R122NSG201B	Westinghouse	2FM2	79	Performed RCS Nozzle Preps	12/18/02
1	02-02-029	SG	SG-411232	SG	1R122NSG201C	Westinghouse	3FM2	80	Performed RCS Nozzle Preps	12/18/02
1	02-02-030	SG	SG-411233	SG	1R122NSG201D	Westinghouse	4FM2	81	Performed RCS Nozzle Preps	12/18/02
1	02-02-039	SG	SG-411251	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-040	SG	SG-411252	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-041	SG	SG-411253	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-042	SG	SG-411254	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-043	RC	RC-411238	RCS Piping	N/A	Southwest Fab	19003/19004	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-044	RC	RC-411239	RCS Piping	N/A	Southwest Fab	19007/19008	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-045	RC	RC-411240	RCS Piping	N/A	Southwest Fab	19011/19012	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-046	RC	RC-411241	RCS Piping	N/A	Southwest Fab	19015/19016	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-053	SG	SG-411317	Steam Generator	1R122NSG201A	Westinghouse	2151	29	Removed Old SG	12/4/02
1	02-02-054	SG	SG-411318	Steam Generator	1R122NSG201B	Westinghouse	2152	30	Removed Old SG	12/4/02
1	02-02-055	SG	SG-411319	Steam Generator	1R122NSG201C	Westinghouse	2153	31	Removed Old SG	12/4/02
1	02-02-056	SG	SG-411320	Steam Generator	1R122NSG201D	Westinghouse	2154	32	Removed Old SG	12/4/02

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1	02-02-064	SG	SG-411322	Steam Generator	1R122NSG201A	Westinghouse	1FM2	78	Installed New SG	12/18/02
1	02-02-065	SG	SG-411323	Steam Generator	1R122NSG201B	Westinghouse	2FM2	79	Installed New SG	12/18/02
1	02-02-066	SG	SG-411324	Steam Generator	1R122NSG201C	Westinghouse	3FM2	80	Installed New SG	12/18/02
1	02-02-067	SG	SG-411325	Steam Generator	1R122NSG201D	Westinghouse	4FM2	81	Installed New SG	12/18/02
1	02-02-069	SG	SG-411243	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-070	SG	SG-411244	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-071	SG	SG-411245	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-072	SG	SG-411246	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-078	RC	PM:9800051 2/152216	Valve	N2RCPSV3450	Crosby	N60491-00- 0006	667	Replaced valve w/Crosby s/n: N60491- 00-0008	01/08/03
1	02-02-079	RC	PM:9800051 3/152217	Valve	N2RCPSV3451	Crosby	N60491-00- 0002	621	Replaced valve w/Crosby s/n: N60491- 00-0009	12/4/02
1	02-02-080	RC	PM:9800051 5/152218	Valve	N2RCPSV3452	Crosby	N60491-00- 0001	620	Replaced valve w/Crosby s/n: N60491- 00-0005	12/19/02
1	02-02-090	RC	RC-417273	RCP 2A	1R132NPP201A	Westinghouse	1599	46	Replaced #2 Cartridge Seal Housing	12/16/02
1	02-02-102	SG	SG-411446	SG	1R122NSG201A	Westinghouse	1FM2	78	Drill & Tap Covers	12/18/02
1	02-02-104	SG	SG-411447	SG	1R122NSG201B	Westinghouse	2FM2	79	Drill & Tap Covers	12/18/02
1	02-02-105	SG	SG-411448	SG	1R122NSG201C	Westinghouse	3FM2	80	Drill & Tap Covers	12/18/02
1	02-02-106	SG	SG-411449	SG	1R122NSG201D	Westinghouse	4FM2	81	Drill & Tap Covers	12/18/02

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1	02-02-109	RC	RC-415162	Valve	1R142XRC0085	Westinghouse	04000GH880 000D005W7 50022	W14 659	Replaced valve bonnet	12/18/02
1	02-02-118	CV	CV-422725	Valve	1R172XCV0005	Westinghouse	04001CS880 000D005W7 50018	W14 890	Repaired weld for valve seal cap	12/19/02
1	02-02-127	SG	SG-370710	SG Secondary Handhole	1R122NSG201D	Westinghouse	4FM2	81	Replace handhole cover	01/29/03
1	02-02-128	RC	RC-410939	CRDM Pene #4 (K-8)	1R152NRD201A	Westinghouse	48- 5055D47G01 M403	W20 506	Seal weld build up.	1/8/2003
1	02-02-129	RC	RC-410939	CRDM Pene #7 (K-10)	1R152NRD201A	Westinghouse	56- 5055D47G01 M403	W20 514	Replaced CRDM housing. Seal weld build up.	1/8/2003
1	02-02-130	RC	RC-410939	CRDM Pene #20 (L-5)	1R152NRD201A	Westinghouse	40- 5055D47G01 M403	W20 498	Seal weld build up.	1/8/2003
1	02-02-131	RC	RC-414785	Valve	1R142XRC0057A	Kerotest	CAB13-2	N/A	Replaced valve w/Kerotest s/n: CAB20-20	12/19/02
1	02-02-137	RC	RC-419141	Spring Can	RC-2123-SH0002	NPSI	RC-2123- SH02/0	N/A	Repaired spring can.	1/21/03
2	02-00-005	MS	PM:9700026 6/127620	Valve	N2MSPSV7430	Dresser	BT-02188	N/A	Replaced valve disc	12/16/02
2	02-01-024	CV	CV-415095	Heat Exchanger	5R172NHX202A	Joseph Oats	2312-1B	987	Replaced channel head studs and nuts	10/08/02
2	02-01-040	RH	RH-410918	Pump	2R162NPA201A	Pacific Pump	51734	363	Replaced pump oil cooler cap screws	9/17/02
2	02-01-041	RH	RH-410919	Pump	2R162NPA201B	Pacific Pump	51735	364	Replaced pump cap screws	9/24/02
2	02-02-028	CV	PM:0100065 4/232479	Valve	A2CVFCV0205	Copes-Vulcan	7620-95400- 9-2	1675	Replace valve plug	2/19/03

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2	02-02-031	SG	SG-411234	SG	1R122NSG201A	Westinghouse	1FM2	78	Install Swage reducer	12/19/02
2	02-02-032	SG	SG-411235	SG	1R122NSG201B	Westinghouse	2FM2	79	Install Swage reducer	12/19/02
2	02-02-033	SG	SG-411236	SG	1R122NSG201C	Westinghouse	3FM2	80	Install Swage reducer	12/19/02
2	02-02-034	SG	SG-411237	SG	1R122NSG201D	Westinghouse	4FM2	81	Install Swage reducer	12/19/02
2	02-02-047	FW	FW-411267	Pipe Spools	FW-2012- H,J,JA,JB,JC,JD	Ebasco/Bechtel	38253/38295	N/A	Replaced piping	12/9/02
2	02-02-048	FW	FW-411270	Pipe Spools	FW-2014- J,JA,JB,JC	Ebasco/Bechtel	38296	N/A	Replaced piping	12/12/02
2	02-02-049	FW	FW-411273	Pipe Spools	FW-2016 L, LA,LB,LC,LD, LE	Ebasco/Bechtel	24355	N/A	Replaced piping	12/11/02
2	02-02-050	FW	FW-411276	Pipe Spools	FW-2018- J,JA,JB,JC,JD	Ebasco/Bechtel	38297	N/A	Replaced piping	12/11/02
2	02-02-051	CV	CV-411296	Pipe Spools	CV-2002-C	Ebasco/Bechtel	27147	N/A	Replaced piping	12/19/02
2	02-02-052	CV	CV-411296	Pipe Spools	CV-2142-A-A3, B-A3	Ebasco/Bechtel	N/A	N/A	Replaced piping	12/19/02
2	02-02-057	AF	AF-411280	Pipe Spools	AF-2008-H,G,FA, FB,HA,HB, AF- 2062-B,BA	Ebasco/Bechtel	39257/39256/ 37354	N/A	Replaced piping	12/12/02
2	02-02-058	AF	AF-411282	Pipe Spools	AF-2010-K,KA, KB	Ebasco/Bechtel	37366	N/A	Replaced piping	12/19/02
2	02-02-059	AF	AF-411285	Pipe Spools	AF-2012-K,KA, KB	Ebasco/Bechtel	37352	N/A	Replaced piping	12/18/02
2	02-02-060	AF	AF-411288	Pipe Spools	AF-2006- N,HA,HB,HC, AF- 2061-A,AA	Ebasco/Bechtel	39253/39254/ 37296	N/A	Replaced piping	12/11/02
2	02-02-061	AF	AF-411283	Pipe Support	AF2010HL5012	NPSI	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-062	AF	AF-411284	Pipe Support	AF2063HL5005	NPSI	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-063	AF	AF-411287	Pipe Support	AF2012HL5018	NPSI	3006-275F- 002-55	N/A	Remove and reweld rear bracket	12/4/02

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ASME SECTION XI
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(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	02-02-073	MS	PM:0100762 /223792	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Replaced poppet/Pilot poppet	1/24/03
2	02-02-074	MS	MS-411259	Pipe Spools	MS-2001-GA2	Ebasco/Bechtel	38914/38915	N/A	Removed/reinstalled piping	12/12/02
2	02-02-075	MS	MS-411261	Pipe Spools	MS-2002-GA2	Ebasco/Bechtel	38863/38864	N/A	Removed/reinstalled piping	12/17/02
2	02-02-076	MS	MS-411263	Pipe Spools	MS-2003-GA2	Ebasco/Bechtel	38824/38825	N/A	Removed/reinstalled piping	12/11/02
2	02-02-077	MS	MS-411265	Pipe Spools	MS-2004-GA2	Ebasco/Bechtel	38907/38908	N/A	Removed/reinstalled piping	12/16/02
2	02-02-082	FW	FW-411268	Pipe Supports	FW-2012- HL5008, HL5014,HL5004	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-083	FW	FW-411269	Pipe Supports	FW-2012- HL5012, HL5013,HL5015, HL5016	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/5/02
2	02-02-084	FW	FW-411271	Pipe Supports	FW-2014- SH0001, HL5006,HL5015	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-085	FW	FW-411272	Pipe Supports	FW-2014- HL5013, HL5014	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-086	FW	FW-411274	Pipe Supports	FW-2016- HL5011, HL5017	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-087	FW	FW-411279	Pipe Supports	FW-2016- SH0001	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-088	FW	FW-411277	Pipe Supports	FW-2018- HL5014	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/19/02
2	02-02-089	FW	FW-411278	Pipe Supports	FW-2018- HL5004, HL5016,SS0006	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-094	SB	SB-411309	Pipe Spools	SB-2101, SB2103	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02

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ASME SECTION XI
2RE09 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND REPLACEMENTS
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CLASS	R or R NO.	SYSTEM	WORK DOC.	COMPONENT DESCRIPTION	COMPONENT IDENTITY (TAG TPNS)	MFG.	SERIAL NO.	NBN	DESCRIPTION OF WORK	COMP. DATE
2	02-02-095	SB	SB-411311	Pipe Spools	SB-2201, SB2203	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-096	SB	SB-411313	Pipe Spools	SB-2301, SB2303	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-097	SB	SB-411315	Pipe Spools	SB-2401, SB2403	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-098	SB	SB-411444	Pipe Support	SB2401HL5016U	Ebasco	460	N/A	Welded paddle to flange	1/6/03
2	02-02-101	FW	FW-422891	Valve	A2FWFV7143	WKM	536744	2051	Installed Sealant Injection Fitting	11/27/02
2	02-02-115	CV	CV-397589	Snubber	CV2088HL5002	Anchor Darling	755	N/A	Replaced snubber	11/4/02
2	02-02-119	CV	CV-413596	Valve	2R172TCV0191A	Kerotest	CAB1322	N/A	Drilled out disc pin hole	11/27/02
2	02-02-120	CV	CV-413596	Valve	2R172TCV0191B	Kerotest	YG54	N/A	Drilled out disc pin hole	11/27/02
2	02-02-121	MS	MS-426236	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Repaired indication on valve sealing surface.	12/19/02
2	02-02-122	CV	CV-416537	Valve	C2CVHCV0218	Copes Vulcan	7620-95400- 102	1047	Replaced valve plug	1/6/03
2	02-02-124	SB	SB-411445	Snubber	SB2401HL5016L	Anchor Darling	316	N/A	Replaced snubber w/Anchor Darling s/n: 511	11/27/02
2	02-02-125	CV	PM:9000070 5/198066	Valve	N2CVPSV3100	Crosby	N662520000 03	1059	Replaced valve w/ Crosby s/n N66252000004	2/17/03
2	02-02-134	SI	SI-414196	Piping Spacer	SI-2201-N-1	Ebasco	N/A	N/A	Machined spacer surface, cut off and rewelded handle	11/27/02
2	02-02-135	CV	CV-396831	Valve	2R172XCV0026	Westinghouse	04001CS880 000D005W7 50024	W14 944	Replaced valve w/Westinghouse s/n: 04001CS880000D000 W750007	12/19/02

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(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	02-02-139	FW	FW-423219	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-02-140	FW	FW-427631	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-97-049	MS	PM:9700025 6/118592	Valve	N2MSPSV7410	Dresser	BT-02186	N/A	Replaced valve disc	12/16/02
2	02-97-053	MS	PM:9700026 0/118596	Valve	N2MSPSV7410D	Dresser	BT-02202	N/A	Replaced valve disc	12/16/02
2	02-97-055	MS	PM:9700026 2/118598	Valve	N2MSPSV7420A	Dresser	BT-02191	N/A	Replaced valve disc	12/16/02
2	02-97-058	MS	PM:9700026 5/118601	Valve	N2MSPSV7420D	Dresser	BT-02203	N/A	Replaced valve disc	12/18/02
2	02-97-061	MS	PM:9700026 9/127623	Valve	N2MSPSV7430C	Dresser	BT-02200	N/A	Replaced valve disc	12/16/02

COVER SHEET

2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M. S. Lashley, Supervising Engineer

SCOPE

2RE09 SYSTEM PRESSURE TESTS

The examinations summarized in this report were performed in accordance with the 1989 Edition with no Addenda of the ASME Code, Section XI that is 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. The examination category for ASME Code Class 2 Systems/Components establishes 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

60 2-19-03

FORM NIS-1 (Back)

8. Examination Dates 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 3 of 3.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 3 of 3.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, c) 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 1/19/2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 1-19- 20 03

**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

13. ABSTRACT OF EXAMINATIONS AND TESTS

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 ninth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.

15. 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.

Del 2-19-03

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.
RCFC COILS 21A, 22A, 21B, 22B, 21C, and 22C	American Air Filter	Various	N/A	Various
RHR 2A Ht. Exch. 2R162NHX201A	Joseph Oats	2312-4D	N/A	993
RHR Pump 2A 2R162NPA201A	Pacific Pumps	51734	N/A	363
RHR 2B Ht. Exch. 2R162NHX201B	Joseph Oats	2312-4E	N/A	994
RHR Pump 2B 2R162NPA201B	Pacific Pumps	51734	N/A	363
RHR 2C Ht. Exch. 2R162NHX201C	Joseph Oats	2312-4F	N/A	995
RHR Pump 2C 2R162NPA201C	Pacific Pumps	51736	N/A	365
CVCS Seal Water Return Ht. Exch. 4R172NHX204A	Lamco	833	N/A	256
CVCS Letdown Ht. Exch. 5R172NHX202A	Joseph Oats	2312-1B	N/A	987
CVCS Excess Letdown Ht. Exch. 5R172NHX203A	Joseph Oats	2312-3B	N/A	989
Volume Control Tank 2A 2R172NTS201A	Reco Industries	N-2287.10	N/A	76881
Suction Pulsation Dampener Htr 2R172NPD201A	Johnson Controls Inc	M-0439	N/A	177
CVCS Seal Injection Filter 2A 2R172NFR202A	Ptrinity	35364	N/A	19022
CVCS Seal Injection Filter 2B 2R172NFR202B	Ptrinity	35365	N/A	19023

Be 2-19-03

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Centrifugal Charging Pump 2A 2R172NPA201A	Dresser Industries, Inc	51901	N/A	429
Centrifugal Charging Pump 2B 2R172NPA201B	Dresser Industries, Inc	51902	N/A	430
Positive Displacement Pump 2R172NPA202A	Union Pump Company	N753718A602	N/A	N/A
Pulsation Dampener 2R172NPD202A	Johnson Controls Inc	M-0440	N/A	178
CVCS Seal Injection Filter 2B 2R172NFR201B	Ptrinity	35959	N/A	19482
CVCS RC Filter 2A 2R172NFR201A	Ptrinity	35958	N/A	19481
CVCS Seal Water Return Filter 2R172NFR203A	Ptrinity	35960	N/A	19483
Seal Water Hx 4R172NHX204A	Lamco	833	N/A	256
Letdown Hx 2A 5R172NHX202A	Joseph Oat Corp	2312-1B	N/A	987
Regen Letdn Hx 5R192NHX203A	Joseph Oat Corp	J-2312-2B	N/A	985
Regen Hx 2A 2R172NHX201A	Joseph Oat Corp	2380-1B	N/A	2052
CVCS Excess Letdown Ht Exch 2A 5R172NHX203A	Joseph Oat Corp	2312-3B	N/A	989
RHR HX 2A 2R162NHX201A	Joseph Oat Corp	2312-4D	N/A	993
RHR HX 2B 2R162NHX201B	Joseph Oat Corp	2312-4E	N/A	994
RHR HX 2C 2R162NHX201C	Joseph Oat Corp	2312-4F	N/A	995
RHR PUMP 2A 2R162NPA201A	Pacific Pump	51734	N/A	363
RHR PUMP 2B 2R162NPA201B	Pacific Pump	51735	N/A	364
RHR PUMP 2C 2R162NPA201C	Pacific Pump	51736	N/A	365

SL 2-19-03

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
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 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 5 of 5.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 5 of 5.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) 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 4/11/03 2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 2-19- 2003

**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

13. 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 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-CC-0001	Component Cooling Water System Inservice Pressure Test
0PSP15-CV-0001	Chemical Volume Control System Inservice Pressure Test
0PSP15-CV-0007	Chemical Volume Control System Inservice Pressure Test
0PSP15-FC-0001	Spent Fuel Pool Cooling & Cleaning System Inservice Pressure Test
0PSP15-RH-0001	Residual Heat Removal System Inservice Pressure Test

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

15. 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.

BL 2-19-02

COVER SHEET

2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M.S. Lashley, Supervising Engineer

SCOPE

2RE09 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with Section XI of the ASME Code, 1989 Edition with no Addenda, which is 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 eighth refueling outage and the end of the ninth refueling outage just completed. This report is submitted in accordance with paragraph IWA-6230 of Section XI for ASME Code Class 1 and 2 pressure-retaining components and their supports.

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-004	SG	SG-370700	SG Primary Manways	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-005	SG	SG-370703	SG Primary Manways	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-006	SG	SG-370706	SG Primary Manways	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-007	SG	SG-370709	SG Primary Manways	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/27/03
1	02-02-008	SG	SG-370701	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-009	SG	SG-370704	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-010	SG	SG-370707	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-011	SG	SG-370710	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/29/03
1	02-02-022	SG	SG-411247	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-023	SG	SG-411248	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-024	SG	SG-411249	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-025	SG	SG-411250	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-026	SG	SG-411230	SG	1R122NSG201A	Westinghouse	1FM2	78	Performed RCS Nozzle Preps	12/18/02
1	02-02-027	SG	SG-411231	SG	1R122NSG201B	Westinghouse	2FM2	79	Performed RCS Nozzle Preps	12/18/02
1	02-02-029	SG	SG-411232	SG	1R122NSG201C	Westinghouse	3FM2	80	Performed RCS Nozzle Preps	12/18/02
1	02-02-030	SG	SG-411233	SG	1R122NSG201D	Westinghouse	4FM2	81	Performed RCS Nozzle Preps	12/18/02
1	02-02-039	SG	SG-411251	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-040	SG	SG-411252	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-041	SG	SG-411253	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-042	SG	SG-411254	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-043	RC	RC-411238	RCS Piping	N/A	Southwest Fab	19003/19004	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-044	RC	RC-411239	RCS Piping	N/A	Southwest Fab	19007/19008	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-045	RC	RC-411240	RCS Piping	N/A	Southwest Fab	19011/19012	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-046	RC	RC-411241	RCS Piping	N/A	Southwest Fab	19015/19016	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-053	SG	SG-411317	Steam Generator	1R122NSG201A	Westinghouse	2151	29	Removed Old SG	12/4/02
1	02-02-054	SG	SG-411318	Steam Generator	1R122NSG201B	Westinghouse	2152	30	Removed Old SG	12/4/02
1	02-02-055	SG	SG-411319	Steam Generator	1R122NSG201C	Westinghouse	2153	31	Removed Old SG	12/4/02
1	02-02-056	SG	SG-411320	Steam Generator	1R122NSG201D	Westinghouse	2154	32	Removed Old SG	12/4/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-064	SG	SG-411322	Steam Generator	1R122NSG201A	Westinghouse	1FM2	78	Installed New SG	12/18/02
1	02-02-065	SG	SG-411323	Steam Generator	1R122NSG201B	Westinghouse	2FM2	79	Installed New SG	12/18/02
1	02-02-066	SG	SG-411324	Steam Generator	1R122NSG201C	Westinghouse	3FM2	80	Installed New SG	12/18/02
1	02-02-067	SG	SG-411325	Steam Generator	1R122NSG201D	Westinghouse	4FM2	81	Installed New SG	12/18/02
1	02-02-069	SG	SG-411243	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-070	SG	SG-411244	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-071	SG	SG-411245	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-072	SG	SG-411246	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-078	RC	PM:9800051 2/152216	Valve	N2RCPSV3450	Crosby	N60491-00- 0006	667	Replaced valve w/Crosby s/n: N60491- 00-0008	01/08/03
1	02-02-079	RC	PM:9800051 3/152217	Valve	N2RCPSV3451	Crosby	N60491-00- 0002	621	Replaced valve w/Crosby s/n: N60491- 00-0009	12/4/02
1	02-02-080	RC	PM:9800051 5/152218	Valve	N2RCPSV3452	Crosby	N60491-00- 0001	620	Replaced valve w/Crosby s/n: N60491- 00-0005	12/19/02
1	02-02-090	RC	RC-417273	RCP 2A	1R132NPP201A	Westinghouse	1599	46	Replaced #2 Cartridge Seal Housing	12/16/02
1	02-02-102	SG	SG-411446	SG	1R122NSG201A	Westinghouse	1FM2	78	Drill & Tap Covers	12/18/02
1	02-02-104	SG	SG-411447	SG	1R122NSG201B	Westinghouse	2FM2	79	Drill & Tap Covers	12/18/02
1	02-02-105	SG	SG-411448	SG	1R122NSG201C	Westinghouse	3FM2	80	Drill & Tap Covers	12/18/02
1	02-02-106	SG	SG-411449	SG	1R122NSG201D	Westinghouse	4FM2	81	Drill & Tap Covers	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-109	RC	RC-415162	Valve	1R142XRC0085	Westinghouse	04000GH880 000D005W7 50022	W14 659	Replaced valve bonnet	12/18/02
1	02-02-118	CV	CV-422725	Valve	1R172XCV0005	Westinghouse	04001CS880 000D005W7 50018	W14 890	Repaired weld for valve seal cap	12/19/02
1	02-02-127	SG	SG-370710	SG Secondary Handhole	1R122NSG201D	Westinghouse	4FM2	81	Replace handhole cover	01/29/03
1	02-02-128	RC	RC-410939	CRDM Pene #4 (K-8)	1R152NRD201A	Westinghouse	48- 5055D47G01 M403	W20 506	Seal weld build up.	1/8/2003
1	02-02-129	RC	RC-410939	CRDM Pene #7 (K-10)	1R152NRD201A	Westinghouse	56- 5055D47G01 M403	W20 514	Replaced CRDM housing. Seal weld build up.	1/8/2003
1	02-02-130	RC	RC-410939	CRDM Pene #20 (L-5)	1R152NRD201A	Westinghouse	40- 5055D47G01 M403	W20 498	Seal weld build up.	1/8/2003
1	02-02-131	RC	RC-414785	Valve	1R142XRC0057A	Kerotest	CAB13-2	N/A	Replaced valve w/Kerotest s/n: CAB20-20	12/19/02
1	02-02-137	RC	RC-419141	Spring Can	RC-2123-SH0002	NPSI	RC-2123- SH02/0	N/A	Repaired spring can.	1/21/03
2	02-00-005	MS	PM:9700026 6/127620	Valve	N2MSPSV7430	Dresser	BT-02188	N/A	Replaced valve disc	12/16/02
2	02-01-024	CV	CV-415095	Heat Exchanger	5R172NHX202A	Joseph Oats	2312-1B	987	Replaced channel head studs and nuts	10/08/02
2	02-01-040	RH	RH-410918	Pump	2R162NPA201A	Pacific Pump	51734	363	Replaced pump oil cooler cap screws	9/17/02
2	02-01-041	RH	RH-410919	Pump	2R162NPA201B	Pacific Pump	51735	364	Replaced pump cap screws	9/24/02
2	02-02-028	CV	PM:0100065 4/232479	Valve	A2CVFCV0205	Copes-Vulcan	7620-95400- 9-2	1675	Replace valve plug	2/19/03

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-031	SG	SG-411234	SG	1R122NSG201A	Westinghouse	1FM2	78	Install Swage reducer	12/19/02
2	02-02-032	SG	SG-411235	SG	1R122NSG201B	Westinghouse	2FM2	79	Install Swage reducer	12/19/02
2	02-02-033	SG	SG-411236	SG	1R122NSG201C	Westinghouse	3FM2	80	Install Swage reducer	12/19/02
2	02-02-034	SG	SG-411237	SG	1R122NSG201D	Westinghouse	4FM2	81	Install Swage reducer	12/19/02
2	02-02-047	FW	FW-411267	Pipe Spools	FW-2012- H,J,JA,JB,JC,JD	Ebasco/Bechtel	38253/38295	N/A	Replaced piping	12/9/02
2	02-02-048	FW	FW-411270	Pipe Spools	FW-2014- J,JA,JB,JC	Ebasco/Bechtel	38296	N/A	Replaced piping	12/12/02
2	02-02-049	FW	FW-411273	Pipe Spools	FW-2016 L, LA,LB,LC,LD, LE	Ebasco/Bechtel	24355	N/A	Replaced piping	12/11/02
2	02-02-050	FW	FW-411276	Pipe Spools	FW-2018- J,JA,JB,JC,JD	Ebasco/Bechtel	38297	N/A	Replaced piping	12/11/02
2	02-02-051	CV	CV-411296	Pipe Spools	CV-2002-C	Ebasco/Bechtel	27147	N/A	Replaced piping	12/19/02
2	02-02-052	CV	CV-411296	Pipe Spools	CV-2142-A-A3, B-A3	Ebasco/Bechtel	N/A	N/A	Replaced piping	12/19/02
2	02-02-057	AF	AF-411280	Pipe Spools	AF-2008-H,G,FA, FB,HA,HB, AF- 2062-B,BA	Ebasco/Bechtel	39257/39256/ 37354	N/A	Replaced piping	12/12/02
2	02-02-058	AF	AF-411282	Pipe Spools	AF-2010-K,KA, KB	Ebasco/Bechtel	37366	N/A	Replaced piping	12/19/02
2	02-02-059	AF	AF-411285	Pipe Spools	AF-2012-K,KA, KB	Ebasco/Bechtel	37352	N/A	Replaced piping	12/18/02
2	02-02-060	AF	AF-411288	Pipe Spools	AF-2006- N,HA,HB,HC, AF- 2061-A,AA	Ebasco/Bechtel	39253/39254/ 37296	N/A	Replaced piping	12/11/02
2	02-02-061	AF	AF-411283	Pipe Support	AF2010HL5012	NPSI	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-062	AF	AF-411284	Pipe Support	AF2063HL5005	NPSI	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-063	AF	AF-411287	Pipe Support	AF2012HL5018	NPSI	3006-275F- 002-55	N/A	Remove and reweld rear bracket	12/4/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-073	MS	PM:0100762 /223792	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Replaced poppet/Pilot poppet	1/24/03
2	02-02-074	MS	MS-411259	Pipe Spools	MS-2001-GA2	Ebasco/Bechtel	38914/38915	N/A	Removed/reinstalled piping	12/12/02
2	02-02-075	MS	MS-411261	Pipe Spools	MS-2002-GA2	Ebasco/Bechtel	38863/38864	N/A	Removed/reinstalled piping	12/17/02
2	02-02-076	MS	MS-411263	Pipe Spools	MS-2003-GA2	Ebasco/Bechtel	38824/38825	N/A	Removed/reinstalled piping	12/11/02
2	02-02-077	MS	MS-411265	Pipe Spools	MS-2004-GA2	Ebasco/Bechtel	38907/38908	N/A	Removed/reinstalled piping	12/16/02
2	02-02-082	FW	FW-411268	Pipe Supports	FW-2012- HL5008, HL5014,HL5004	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-083	FW	FW-411269	Pipe Supports	FW-2012- HL5012, HL5013,HL5015, HL5016	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/5/02
2	02-02-084	FW	FW-411271	Pipe Supports	FW-2014- SH0001, HL5006,HL5015	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-085	FW	FW-411272	Pipe Supports	FW-2014- HL5013, HL5014	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-086	FW	FW-411274	Pipe Supports	FW-2016- HL5011, HL5017	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-087	FW	FW-411279	Pipe Supports	FW-2016- SH0001	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-088	FW	FW-411277	Pipe Supports	FW-2018- HL5014	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/19/02
2	02-02-089	FW	FW-411278	Pipe Supports	FW-2018- HL5004, HL5016,SS0006	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-094	SB	SB-411309	Pipe Spools	SB-2101, SB2103	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-095	SB	SB-411311	Pipe Spools	SB-2201, SB2203	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-096	SB	SB-411313	Pipe Spools	SB-2301, SB2303	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-097	SB	SB-411315	Pipe Spools	SB-2401, SB2403	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-098	SB	SB-411444	Pipe Support	SB2401HL5016U	Ebasco	460	N/A	Welded paddle to flange	1/6/03
2	02-02-101	FW	FW-422891	Valve	A2FWFV7143	WKM	536744	2051	Installed Sealant Injection Fitting	11/27/02
2	02-02-115	CV	CV-397589	Snubber	CV2088HL5002	Anchor Darling	755	N/A	Replaced snubber	11/4/02
2	02-02-119	CV	CV-413596	Valve	2R172TCV0191A	Kerotest	CAB1322	N/A	Drilled out disc pin hole	11/27/02
2	02-02-120	CV	CV-413596	Valve	2R172TCV0191B	Kerotest	YG54	N/A	Drilled out disc pin hole	11/27/02
2	02-02-121	MS	MS-426236	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Repaired indication on valve sealing surface.	12/19/02
2	02-02-122	CV	CV-416537	Valve	C2CVHCV0218	Copes Vulcan	7620-95400- 102	1047	Replaced valve plug	1/6/03
2	02-02-124	SB	SB-411445	Snubber	SB2401HL5016L	Anchor Darling	316	N/A	Replaced snubber w/Anchor Darling s/n: 511	11/27/02
2	02-02-125	CV	PM:9000070 5/198066	Valve	N2CVPSV3100	Crosby	N662520000 03	1059	Replaced valve w/ Crosby s/n N66252000004	2/17/03
2	02-02-134	SI	SI-414196	Piping Spacer	SI-2201-N-1	Ebasco	N/A	N/A	Machined spacer surface, cut off and rewelded handle	11/27/02
2	02-02-135	CV	CV-396831	Valve	2R172XCV0026	Westinghouse	04001CS880 000D005W7 50024	W14 944	Replaced valve w/Westinghouse s/n: 04001CS880000D000 W750007	12/19/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-139	FW	FW-423219	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-02-140	FW	FW-427631	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-97-049	MS	PM:9700025 6/118592	Valve	N2MSPSV7410	Dresser	BT-02186	N/A	Replaced valve disc	12/16/02
2	02-97-053	MS	PM:9700026 0/118596	Valve	N2MSPSV7410D	Dresser	BT-02202	N/A	Replaced valve disc	12/16/02
2	02-97-055	MS	PM:9700026 2/118598	Valve	N2MSPSV7420A	Dresser	BT-02191	N/A	Replaced valve disc	12/16/02
2	02-97-058	MS	PM:9700026 5/118601	Valve	N2MSPSV7420D	Dresser	BT-02203	N/A	Replaced valve disc	12/18/02
2	02-97-061	MS	PM:9700026 9/127623	Valve	N2MSPSV7430C	Dresser	BT-02200	N/A	Replaced valve disc	12/16/02

COVER SHEET

2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M. S. Lashley, Supervising Engineer

SCOPE

2RE09 SYSTEM PRESSURE TESTS

The examinations summarized in this report were performed in accordance with the 1989 Edition with no Addenda of the ASME Code, Section XI that is 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. The examination category for ASME Code Class 2 Systems/Components establishes 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

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FORM NIS-1 (Back)

8. Examination Dates 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 3 of 3.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 3 of 3.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, c) 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 10/19/03 2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 1-19- 20 03

**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

13. ABSTRACT OF EXAMINATIONS AND TESTS

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 ninth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.

15. 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.

DL 2-19-03

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.
RCFC COILS 21A, 22A, 21B, 22B, 21C, and 22C	American Air Filter	Various	N/A	Various
RHR 2A Ht. Exch. 2R162NHX201A	Joseph Oats	2312-4D	N/A	993
RHR Pump 2A 2R162NPA201A	Pacific Pumps	51734	N/A	363
RHR 2B Ht. Exch. 2R162NHX201B	Joseph Oats	2312-4E	N/A	994
RHR Pump 2B 2R162NPA201B	Pacific Pumps	51734	N/A	363
RHR 2C Ht. Exch. 2R162NHX201C	Joseph Oats	2312-4F	N/A	995
RHR Pump 2C 2R162NPA201C	Pacific Pumps	51736	N/A	365
CVCS Seal Water Return Ht. Exch. 4R172NHX204A	Lamco	833	N/A	256
CVCS Letdown Ht. Exch. 5R172NHX202A	Joseph Oats	2312-1B	N/A	987
CVCS Excess Letdown Ht. Exch. 5R172NHX203A	Joseph Oats	2312-3B	N/A	989
Volume Control Tank 2A 2R172NTS201A	Reco Industries	N-2287.10	N/A	76881
Suction Pulsation Dampener Htr 2R172NPD201A	Johnson Controls Inc	M-0439	N/A	177
CVCS Seal Injection Filter 2A 2R172NFR202A	Ptrinity	35364	N/A	19022
CVCS Seal Injection Filter 2B 2R172NFR202B	Ptrinity	35365	N/A	19023

Bu 2-19-03

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Centrifugal Charging Pump 2A 2R172NPA201A	Dresser Industries, Inc	51901	N/A	429
Centrifugal Charging Pump 2B 2R172NPA201B	Dresser Industries, Inc	51902	N/A	430
Positive Displacement Pump 2R172NPA202A	Union Pump Company	N753718A602	N/A	N/A
Pulsation Dampener 2R172NPD202A	Johnson Controls Inc	M-0440	N/A	178
CVCS Seal Injection Filter 2B 2R172NFR201B	Ptrinity	35959	N/A	19482
CVCS RC Filter 2A 2R172NFR201A	Ptrinity	35958	N/A	19481
CVCS Seal Water Return Filter 2R172NFR203A	Ptrinity	35960	N/A	19483
Seal Water Hx 4R172NHX204A	Lamco	833	N/A	256
Letdown Hx 2A 5R172NHX202A	Joseph Oat Corp	2312-1B	N/A	987
Regen Letdn Hx 5R192NHX203A	Joseph Oat Corp	J-2312-2B	N/A	985
Regen Hx 2A 2R172NHX201A	Joseph Oat Corp	2380-1B	N/A	2052
CVCS Excess Letdown Ht Exch 2A 5R172NHX203A	Joseph Oat Corp	2312-3B	N/A	989
RHR HX 2A 2R162NHX201A	Joseph Oat Corp	2312-4D	N/A	993
RHR HX 2B 2R162NHX201B	Joseph Oat Corp	2312-4E	N/A	994
RHR HX 2C 2R162NHX201C	Joseph Oat Corp	2312-4F	N/A	995
RHR PUMP 2A 2R162NPA201A	Pacific Pump	51734	N/A	363
RHR PUMP 2B 2R162NPA201B	Pacific Pump	51735	N/A	364
RHR PUMP 2C 2R162NPA201C	Pacific Pump	51736	N/A	365

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
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 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 5 of 5.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 5 of 5.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) 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 4 MAR 2003 Signed STP Nuclear Operating Company By [Signature]
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 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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.

[Signature]
B. R. Russell, Inspector's Signature

Commissions TX-826

National Board, State, Province, and Endorsements

Date 2-19- 2003

**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

13. 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 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-CC-0001	Component Cooling Water System Inservice Pressure Test
0PSP15-CV-0001	Chemical Volume Control System Inservice Pressure Test
0PSP15-CV-0007	Chemical Volume Control System Inservice Pressure Test
0PSP15-FC-0001	Spent Fuel Pool Cooling & Cleaning System Inservice Pressure Test
0PSP15-RH-0001	Residual Heat Removal System Inservice Pressure Test

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

15. 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.

BL 2-19-02

COVER SHEET

2RE09 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND
REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

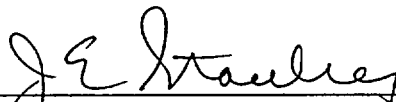
WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

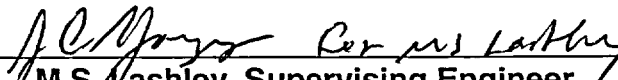
OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M.S. Lashley, Supervising Engineer

SCOPE

2RE09 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with Section XI of the ASME Code, 1989 Edition with no Addenda, which is 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 eighth refueling outage and the end of the ninth refueling outage just completed. This report is submitted in accordance with paragraph IWA-6230 of Section XI for ASME Code Class 1 and 2 pressure-retaining components and their supports.

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-004	SG	SG-370700	SG Primary Manways	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-005	SG	SG-370703	SG Primary Manways	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-006	SG	SG-370706	SG Primary Manways	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-007	SG	SG-370709	SG Primary Manways	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/27/03
1	02-02-008	SG	SG-370701	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-009	SG	SG-370704	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-010	SG	SG-370707	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-011	SG	SG-370710	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/29/03
1	02-02-022	SG	SG-411247	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-023	SG	SG-411248	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-024	SG	SG-411249	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-025	SG	SG-411250	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-026	SG	SG-411230	SG	1R122NSG201A	Westinghouse	1FM2	78	Performed RCS Nozzle Preps	12/18/02
1	02-02-027	SG	SG-411231	SG	1R122NSG201B	Westinghouse	2FM2	79	Performed RCS Nozzle Preps	12/18/02
1	02-02-029	SG	SG-411232	SG	1R122NSG201C	Westinghouse	3FM2	80	Performed RCS Nozzle Preps	12/18/02
1	02-02-030	SG	SG-411233	SG	1R122NSG201D	Westinghouse	4FM2	81	Performed RCS Nozzle Preps	12/18/02
1	02-02-039	SG	SG-411251	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-040	SG	SG-411252	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-041	SG	SG-411253	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-042	SG	SG-411254	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-043	RC	RC-411238	RCS Piping	N/A	Southwest Fab	19003/19004	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-044	RC	RC-411239	RCS Piping	N/A	Southwest Fab	19007/19008	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-045	RC	RC-411240	RCS Piping	N/A	Southwest Fab	19011/19012	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-046	RC	RC-411241	RCS Piping	N/A	Southwest Fab	19015/19016	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-053	SG	SG-411317	Steam Generator	1R122NSG201A	Westinghouse	2151	29	Removed Old SG	12/4/02
1	02-02-054	SG	SG-411318	Steam Generator	1R122NSG201B	Westinghouse	2152	30	Removed Old SG	12/4/02
1	02-02-055	SG	SG-411319	Steam Generator	1R122NSG201C	Westinghouse	2153	31	Removed Old SG	12/4/02
1	02-02-056	SG	SG-411320	Steam Generator	1R122NSG201D	Westinghouse	2154	32	Removed Old SG	12/4/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-064	SG	SG-411322	Steam Generator	1R122NSG201A	Westinghouse	1FM2	78	Installed New SG	12/18/02
1	02-02-065	SG	SG-411323	Steam Generator	1R122NSG201B	Westinghouse	2FM2	79	Installed New SG	12/18/02
1	02-02-066	SG	SG-411324	Steam Generator	1R122NSG201C	Westinghouse	3FM2	80	Installed New SG	12/18/02
1	02-02-067	SG	SG-411325	Steam Generator	1R122NSG201D	Westinghouse	4FM2	81	Installed New SG	12/18/02
1	02-02-069	SG	SG-411243	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-070	SG	SG-411244	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-071	SG	SG-411245	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-072	SG	SG-411246	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-078	RC	PM:9800051 2/152216	Valve	N2RCPSV3450	Crosby	N60491-00- 0006	667	Replaced valve w/Crosby s/n: N60491- 00-0008	01/08/03
1	02-02-079	RC	PM:9800051 3/152217	Valve	N2RCPSV3451	Crosby	N60491-00- 0002	621	Replaced valve w/Crosby s/n: N60491- 00-0009	12/4/02
1	02-02-080	RC	PM:9800051 5/152218	Valve	N2RCPSV3452	Crosby	N60491-00- 0001	620	Replaced valve w/Crosby s/n: N60491- 00-0005	12/19/02
1	02-02-090	RC	RC-417273	RCP 2A	1R132NPP201A	Westinghouse	1599	46	Replaced #2 Cartridge Seal Housing	12/16/02
1	02-02-102	SG	SG-411446	SG	1R122NSG201A	Westinghouse	1FM2	78	Drill & Tap Covers	12/18/02
1	02-02-104	SG	SG-411447	SG	1R122NSG201B	Westinghouse	2FM2	79	Drill & Tap Covers	12/18/02
1	02-02-105	SG	SG-411448	SG	1R122NSG201C	Westinghouse	3FM2	80	Drill & Tap Covers	12/18/02
1	02-02-106	SG	SG-411449	SG	1R122NSG201D	Westinghouse	4FM2	81	Drill & Tap Covers	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-109	RC	RC-415162	Valve	1R142XRC0085	Westinghouse	04000GH880 000D005W7 50022	W14 659	Replaced valve bonnet	12/18/02
1	02-02-118	CV	CV-422725	Valve	1R172XCV0005	Westinghouse	04001CS880 000D005W7 50018	W14 890	Repaired weld for valve seal cap	12/19/02
1	02-02-127	SG	SG-370710	SG Secondary Handhole	1R122NSG201D	Westinghouse	4FM2	81	Replace handhole cover	01/29/03
1	02-02-128	RC	RC-410939	CRDM Pene #4 (K-8)	1R152NRD201A	Westinghouse	48- 5055D47G01 M403	W20 506	Seal weld build up.	1/8/2003
1	02-02-129	RC	RC-410939	CRDM Pene #7 (K-10)	1R152NRD201A	Westinghouse	56- 5055D47G01 M403	W20 514	Replaced CRDM housing. Seal weld build up.	1/8/2003
1	02-02-130	RC	RC-410939	CRDM Pene #20 (L-5)	1R152NRD201A	Westinghouse	40- 5055D47G01 M403	W20 498	Seal weld build up.	1/8/2003
1	02-02-131	RC	RC-414785	Valve	1R142XRC0057A	Kerotest	CAB13-2	N/A	Replaced valve w/Kerotest s/n: CAB20-20	12/19/02
1	02-02-137	RC	RC-419141	Spring Can	RC-2123-SH0002	NPSI	RC-2123- SH02/0	N/A	Repaired spring can.	1/21/03
2	02-00-005	MS	PM:9700026 6/127620	Valve	N2MSPSV7430	Dresser	BT-02188	N/A	Replaced valve disc	12/16/02
2	02-01-024	CV	CV-415095	Heat Exchanger	5R172NHX202A	Joseph Oats	2312-1B	987	Replaced channel head studs and nuts	10/08/02
2	02-01-040	RH	RH-410918	Pump	2R162NPA201A	Pacific Pump	51734	363	Replaced pump oil cooler cap screws	9/17/02
2	02-01-041	RH	RH-410919	Pump	2R162NPA201B	Pacific Pump	51735	364	Replaced pump cap screws	9/24/02
2	02-02-028	CV	PM:0100065 4/232479	Valve	A2CVFCV0205	Copes-Vulcan	7620-95400- 9-2	1675	Replace valve plug	2/19/03

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2	02-02-031	SG	SG-411234	SG	1R122NSG201A	Westinghouse	1FM2	78	Install Swage reducer	12/19/02
2	02-02-032	SG	SG-411235	SG	1R122NSG201B	Westinghouse	2FM2	79	Install Swage reducer	12/19/02
2	02-02-033	SG	SG-411236	SG	1R122NSG201C	Westinghouse	3FM2	80	Install Swage reducer	12/19/02
2	02-02-034	SG	SG-411237	SG	1R122NSG201D	Westinghouse	4FM2	81	Install Swage reducer	12/19/02
2	02-02-047	FW	FW-411267	Pipe Spools	FW-2012- H,J,JA,JB,JC,JD	Ebasco/Bechtel	38253/38295	N/A	Replaced piping	12/9/02
2	02-02-048	FW	FW-411270	Pipe Spools	FW-2014- J,JA,JB,JC	Ebasco/Bechtel	38296	N/A	Replaced piping	12/12/02
2	02-02-049	FW	FW-411273	Pipe Spools	FW-2016 L, LA,LB,LC,LD, LE	Ebasco/Bechtel	24355	N/A	Replaced piping	12/11/02
2	02-02-050	FW	FW-411276	Pipe Spools	FW-2018- J,JA,JB,JC,JD	Ebasco/Bechtel	38297	N/A	Replaced piping	12/11/02
2	02-02-051	CV	CV-411296	Pipe Spools	CV-2002-C	Ebasco/Bechtel	27147	N/A	Replaced piping	12/19/02
2	02-02-052	CV	CV-411296	Pipe Spools	CV-2142-A-A3, B-A3	Ebasco/Bechtel	N/A	N/A	Replaced piping	12/19/02
2	02-02-057	AF	AF-411280	Pipe Spools	AF-2008-H,G,FA, FB,HA,HB, AF- 2062-B,BA	Ebasco/Bechtel	39257/39256/ 37354	N/A	Replaced piping	12/12/02
2	02-02-058	AF	AF-411282	Pipe Spools	AF-2010-K,KA, KB	Ebasco/Bechtel	37366	N/A	Replaced piping	12/19/02
2	02-02-059	AF	AF-411285	Pipe Spools	AF-2012-K,KA, KB	Ebasco/Bechtel	37352	N/A	Replaced piping	12/18/02
2	02-02-060	AF	AF-411288	Pipe Spools	AF-2006- N,HA,HB,HC, AF- 2061-A,AA	Ebasco/Bechtel	39253/39254/ 37296	N/A	Replaced piping	12/11/02
2	02-02-061	AF	AF-411283	Pipe Support	AF2010HL5012	NPSI	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-062	AF	AF-411284	Pipe Support	AF2063HL5005	NPSI	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-063	AF	AF-411287	Pipe Support	AF2012HL5018	NPSI	3006-275F- 002-55	N/A	Remove and reweld rear bracket	12/4/02

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(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	02-02-073	MS	PM:0100762 /223792	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Replaced poppet/Pilot poppet	1/24/03
2	02-02-074	MS	MS-411259	Pipe Spools	MS-2001-GA2	Ebasco/Bechtel	38914/38915	N/A	Removed/reinstalled piping	12/12/02
2	02-02-075	MS	MS-411261	Pipe Spools	MS-2002-GA2	Ebasco/Bechtel	38863/38864	N/A	Removed/reinstalled piping	12/17/02
2	02-02-076	MS	MS-411263	Pipe Spools	MS-2003-GA2	Ebasco/Bechtel	38824/38825	N/A	Removed/reinstalled piping	12/11/02
2	02-02-077	MS	MS-411265	Pipe Spools	MS-2004-GA2	Ebasco/Bechtel	38907/38908	N/A	Removed/reinstalled piping	12/16/02
2	02-02-082	FW	FW-411268	Pipe Supports	FW-2012- HL5008, HL5014,HL5004	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-083	FW	FW-411269	Pipe Supports	FW-2012- HL5012, HL5013,HL5015, HL5016	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/5/02
2	02-02-084	FW	FW-411271	Pipe Supports	FW-2014- SH0001, HL5006,HL5015	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-085	FW	FW-411272	Pipe Supports	FW-2014- HL5013, HL5014	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-086	FW	FW-411274	Pipe Supports	FW-2016- HL5011, HL5017	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-087	FW	FW-411279	Pipe Supports	FW-2016- SH0001	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-088	FW	FW-411277	Pipe Supports	FW-2018- HL5014	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/19/02
2	02-02-089	FW	FW-411278	Pipe Supports	FW-2018- HL5004, HL5016,SS0006	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-094	SB	SB-411309	Pipe Spools	SB-2101, SB2103	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
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(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	02-02-095	SB	SB-411311	Pipe Spools	SB-2201, SB2203	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-096	SB	SB-411313	Pipe Spools	SB-2301, SB2303	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-097	SB	SB-411315	Pipe Spools	SB-2401, SB2403	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-098	SB	SB-411444	Pipe Support	SB2401HL5016U	Ebasco	460	N/A	Welded paddle to flange	1/6/03
2	02-02-101	FW	FW-422891	Valve	A2FWFV7143	WKM	536744	2051	Installed Sealant Injection Fitting	11/27/02
2	02-02-115	CV	CV-397589	Snubber	CV2088HL5002	Anchor Darling	755	N/A	Replaced snubber	11/4/02
2	02-02-119	CV	CV-413596	Valve	2R172TCV0191A	Kerotest	CAB1322	N/A	Drilled out disc pin hole	11/27/02
2	02-02-120	CV	CV-413596	Valve	2R172TCV0191B	Kerotest	YG54	N/A	Drilled out disc pin hole	11/27/02
2	02-02-121	MS	MS-426236	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Repaired indication on valve sealing surface.	12/19/02
2	02-02-122	CV	CV-416537	Valve	C2CVHCV0218	Copes Vulcan	7620-95400- 102	1047	Replaced valve plug	1/6/03
2	02-02-124	SB	SB-411445	Snubber	SB2401HL5016L	Anchor Darling	316	N/A	Replaced snubber w/Anchor Darling s/n: 511	11/27/02
2	02-02-125	CV	PM:9000070 5/198066	Valve	N2CVPSV3100	Crosby	N662520000 03	1059	Replaced valve w/ Crosby s/n N66252000004	2/17/03
2	02-02-134	SI	SI-414196	Piping Spacer	SI-2201-N-1	Ebasco	N/A	N/A	Machined spacer surface, cut off and rewelded handle	11/27/02
2	02-02-135	CV	CV-396831	Valve	2R172XCV0026	Westinghouse	04001CS880 000D005W7 50024	W14 944	Replaced valve w/Westinghouse s/n: 04001CS880000D000 W750007	12/19/02

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2	02-02-139	FW	FW-423219	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-02-140	FW	FW-427631	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-97-049	MS	PM:9700025 6/118592	Valve	N2MSPSV7410	Dresser	BT-02186	N/A	Replaced valve disc	12/16/02
2	02-97-053	MS	PM:9700026 0/118596	Valve	N2MSPSV7410D	Dresser	BT-02202	N/A	Replaced valve disc	12/16/02
2	02-97-055	MS	PM:9700026 2/118598	Valve	N2MSPSV7420A	Dresser	BT-02191	N/A	Replaced valve disc	12/16/02
2	02-97-058	MS	PM:9700026 5/118601	Valve	N2MSPSV7420D	Dresser	BT-02203	N/A	Replaced valve disc	12/18/02
2	02-97-061	MS	PM:9700026 9/127623	Valve	N2MSPSV7430C	Dresser	BT-02200	N/A	Replaced valve disc	12/16/02

COVER SHEET

**2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M. S. Lashley, Supervising Engineer

SCOPE

2RE09 SYSTEM PRESSURE TESTS

The examinations summarized in this report were performed in accordance with the 1989 Edition with no Addenda of the ASME Code, Section XI that is 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. The examination category for ASME Code Class 2 Systems/Components establishes 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

SD 2-19-03

FORM NIS-1 (Back)

8. Examination Dates 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 3 of 3.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 3 of 3.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, c) 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 11/11/2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 2-19-2003

**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

13. ABSTRACT OF EXAMINATIONS AND TESTS

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 ninth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.

15. 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.

DL 2-19-03

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.
RCFC COILS 21A, 22A, 21B, 22B, 21C, and 22C	American Air Filter	Various	N/A	Various
RHR 2A Ht. Exch. 2R162NHX201A	Joseph Oats	2312-4D	N/A	993
RHR Pump 2A 2R162NPA201A	Pacific Pumps	51734	N/A	363
RHR 2B Ht. Exch. 2R162NHX201B	Joseph Oats	2312-4E	N/A	994
RHR Pump 2B 2R162NPA201B	Pacific Pumps	51734	N/A	363
RHR 2C Ht. Exch. 2R162NHX201C	Joseph Oats	2312-4F	N/A	995
RHR Pump 2C 2R162NPA201C	Pacific Pumps	51736	N/A	365
CVCS Seal Water Return Ht. Exch. 4R172NHX204A	Lamco	833	N/A	256
CVCS Letdown Ht. Exch. 5R172NHX202A	Joseph Oats	2312-1B	N/A	987
CVCS Excess Letdown Ht. Exch. 5R172NHX203A	Joseph Oats	2312-3B	N/A	989
Volume Control Tank 2A 2R172NTS201A	Reco Industries	N-2287.10	N/A	76881
Suction Pulsation Dampener Htr 2R172NPD201A	Johnson Controls Inc	M-0439	N/A	177
CVCS Seal Injection Filter 2A 2R172NFR202A	Ptrinity	35364	N/A	19022
CVCS Seal Injection Filter 2B 2R172NFR202B	Ptrinity	35365	N/A	19023

Bu 2-19-03

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Centrifugal Charging Pump 2A 2R172NPA201A	Dresser Industries, Inc	51901	N/A	429
Centrifugal Charging Pump 2B 2R172NPA201B	Dresser Industries, Inc	51902	N/A	430
Positive Displacement Pump 2R172NPA202A	Union Pump Company	N753718A602	N/A	N/A
Pulsation Dampener 2R172NPD202A	Johnson Controls Inc	M-0440	N/A	178
CVCS Seal Injection Filter 2B 2R172NFR201B	Ptrinity	35959	N/A	19482
CVCS RC Filter 2A 2R172NFR201A	Ptrinity	35958	N/A	19481
CVCS Seal Water Return Filter 2R172NFR203A	Ptrinity	35960	N/A	19483
Seal Water Hx 4R172NHX204A	Lamco	833	N/A	256
Letdown Hx 2A 5R172NHX202A	Joseph Oat Corp	2312-1B	N/A	987
Regen Letdn Hx 5R192NHX203A	Joseph Oat Corp	J-2312-2B	N/A	985
Regen Hx 2A 2R172NHX201A	Joseph Oat Corp	2380-1B	N/A	2052
CVCS Excess Letdown Ht Exch 2A 5R172NHX203A	Joseph Oat Corp	2312-3B	N/A	989
RHR HX 2A 2R162NHX201A	Joseph Oat Corp	2312-4D	N/A	993
RHR HX 2B 2R162NHX201B	Joseph Oat Corp	2312-4E	N/A	994
RHR HX 2C 2R162NHX201C	Joseph Oat Corp	2312-4F	N/A	995
RHR PUMP 2A 2R162NPA201A	Pacific Pump	51734	N/A	363
RHR PUMP 2B 2R162NPA201B	Pacific Pump	51735	N/A	364
RHR PUMP 2C 2R162NPA201C	Pacific Pump	51736	N/A	365

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
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 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 5 of 5.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 5 of 5.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) 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 9 MAR 2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 2-19- 2003

**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

13. 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 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-CC-0001	Component Cooling Water System Inservice Pressure Test
0PSP15-CV-0001	Chemical Volume Control System Inservice Pressure Test
0PSP15-CV-0007	Chemical Volume Control System Inservice Pressure Test
0PSP15-FC-0001	Spent Fuel Pool Cooling & Cleaning System Inservice Pressure Test
0PSP15-RH-0001	Residual Heat Removal System Inservice Pressure Test

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

15. 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.

6L 2-19-02

COVER SHEET

2RE09 INSERVICE INSPECTION SUMMARY REPORT FOR REPAIRS AND
REPLACEMENTS

SOUTH TEXAS PROJECT ELECTRIC GENERATING STATION, UNIT 2

P.O. BOX 289

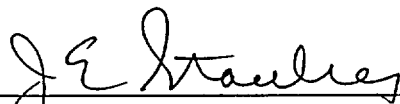
WADSWORTH, TEXAS 77483

USNRC DOCKET NO: 50-499

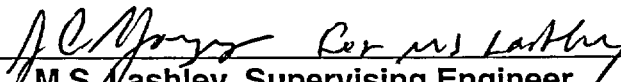
OPERATING LICENSE NO: NPF-80

COMMERCIAL OPERATION DATE: JUNE 19, 1989

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M.S. Kashley, Supervising Engineer

SCOPE

2RE09 REPAIRS AND REPLACEMENTS

The inspections and records summarized in this report were performed in accordance with Section XI of the ASME Code, 1989 Edition with no Addenda, which is 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 eighth refueling outage and the end of the ninth refueling outage just completed. This report is submitted in accordance with paragraph IWA-6230 of Section XI for ASME Code Class 1 and 2 pressure-retaining components and their supports.

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-004	SG	SG-370700	SG Primary Manways	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-005	SG	SG-370703	SG Primary Manways	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-006	SG	SG-370706	SG Primary Manways	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-007	SG	SG-370709	SG Primary Manways	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/27/03
1	02-02-008	SG	SG-370701	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201A	Westinghouse	1FM2	78	Installed studs, nuts & washers	1/29/03
1	02-02-009	SG	SG-370704	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201B	Westinghouse	2FM2	79	Installed studs, nuts & washers	1/29/03
1	02-02-010	SG	SG-370707	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201C	Westinghouse	3FM2	80	Installed studs, nuts & washers	1/29/03
1	02-02-011	SG	SG-370710	SG Secondary Manways, Inspection Ports & Handhole	1R122NSG201D	Westinghouse	4FM2	81	Installed studs, nuts & washers	1/29/03
1	02-02-022	SG	SG-411247	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-023	SG	SG-411248	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-024	SG	SG-411249	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-025	SG	SG-411250	SG Lower Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-026	SG	SG-411230	SG	1R122NSG201A	Westinghouse	1FM2	78	Performed RCS Nozzle Preps	12/18/02
1	02-02-027	SG	SG-411231	SG	1R122NSG201B	Westinghouse	2FM2	79	Performed RCS Nozzle Preps	12/18/02
1	02-02-029	SG	SG-411232	SG	1R122NSG201C	Westinghouse	3FM2	80	Performed RCS Nozzle Preps	12/18/02
1	02-02-030	SG	SG-411233	SG	1R122NSG201D	Westinghouse	4FM2	81	Performed RCS Nozzle Preps	12/18/02
1	02-02-039	SG	SG-411251	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-040	SG	SG-411252	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/4/02
1	02-02-041	SG	SG-411253	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-042	SG	SG-411254	RCP Tie Rods	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-043	RC	RC-411238	RCS Piping	N/A	Southwest Fab	19003/19004	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-044	RC	RC-411239	RCS Piping	N/A	Southwest Fab	19007/19008	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-045	RC	RC-411240	RCS Piping	N/A	Southwest Fab	19011/19012	N/A	Removed/reinstalled RCS Piping	12/12/02
1	02-02-046	RC	RC-411241	RCS Piping	N/A	Southwest Fab	19015/19016	N/A	Removed/reinstalled RCS Piping	12/11/02
1	02-02-053	SG	SG-411317	Steam Generator	1R122NSG201A	Westinghouse	2151	29	Removed Old SG	12/4/02
1	02-02-054	SG	SG-411318	Steam Generator	1R122NSG201B	Westinghouse	2152	30	Removed Old SG	12/4/02
1	02-02-055	SG	SG-411319	Steam Generator	1R122NSG201C	Westinghouse	2153	31	Removed Old SG	12/4/02
1	02-02-056	SG	SG-411320	Steam Generator	1R122NSG201D	Westinghouse	2154	32	Removed Old SG	12/4/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-064	SG	SG-411322	Steam Generator	1R122NSG201A	Westinghouse	1FM2	78	Installed New SG	12/18/02
1	02-02-065	SG	SG-411323	Steam Generator	1R122NSG201B	Westinghouse	2FM2	79	Installed New SG	12/18/02
1	02-02-066	SG	SG-411324	Steam Generator	1R122NSG201C	Westinghouse	3FM2	80	Installed New SG	12/18/02
1	02-02-067	SG	SG-411325	Steam Generator	1R122NSG201D	Westinghouse	4FM2	81	Installed New SG	12/18/02
1	02-02-069	SG	SG-411243	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-070	SG	SG-411244	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-071	SG	SG-411245	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/2/02
1	02-02-072	SG	SG-411246	SG Upper Lateral Supports	N/A	Westinghouse	N/A	N/A	Install bolted shims	12/3/02
1	02-02-078	RC	PM:9800051 2/152216	Valve	N2RCPSV3450	Crosby	N60491-00- 0006	667	Replaced valve w/Crosby s/n: N60491- 00-0008	01/08/03
1	02-02-079	RC	PM:9800051 3/152217	Valve	N2RCPSV3451	Crosby	N60491-00- 0002	621	Replaced valve w/Crosby s/n: N60491- 00-0009	12/4/02
1	02-02-080	RC	PM:9800051 5/152218	Valve	N2RCPSV3452	Crosby	N60491-00- 0001	620	Replaced valve w/Crosby s/n: N60491- 00-0005	12/19/02
1	02-02-090	RC	RC-417273	RCP 2A	1R132NPP201A	Westinghouse	1599	46	Replaced #2 Cartridge Seal Housing	12/16/02
1	02-02-102	SG	SG-411446	SG	1R122NSG201A	Westinghouse	1FM2	78	Drill & Tap Covers	12/18/02
1	02-02-104	SG	SG-411447	SG	1R122NSG201B	Westinghouse	2FM2	79	Drill & Tap Covers	12/18/02
1	02-02-105	SG	SG-411448	SG	1R122NSG201C	Westinghouse	3FM2	80	Drill & Tap Covers	12/18/02
1	02-02-106	SG	SG-411449	SG	1R122NSG201D	Westinghouse	4FM2	81	Drill & Tap Covers	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-109	RC	RC-415162	Valve	1R142XRC0085	Westinghouse	04000GH880 000D005W7 50022	W14 659	Replaced valve bonnet	12/18/02
1	02-02-118	CV	CV-422725	Valve	1R172XCV0005	Westinghouse	04001CS880 000D005W7 50018	W14 890	Repaired weld for valve seal cap	12/19/02
1	02-02-127	SG	SG-370710	SG Secondary Handhole	1R122NSG201D	Westinghouse	4FM2	81	Replace handhole cover	01/29/03
1	02-02-128	RC	RC-410939	CRDM Pene #4 (K-8)	1R152NRD201A	Westinghouse	48- 5055D47G01 M403	W20 506	Seal weld build up.	1/8/2003
1	02-02-129	RC	RC-410939	CRDM Pene #7 (K-10)	1R152NRD201A	Westinghouse	56- 5055D47G01 M403	W20 514	Replaced CRDM housing. Seal weld build up.	1/8/2003
1	02-02-130	RC	RC-410939	CRDM Pene #20 (L-5)	1R152NRD201A	Westinghouse	40- 5055D47G01 M403	W20 498	Seal weld build up.	1/8/2003
1	02-02-131	RC	RC-414785	Valve	1R142XRC0057A	Kerotest	CAB13-2	N/A	Replaced valve w/Kerotest s/n: CAB20-20	12/19/02
1	02-02-137	RC	RC-419141	Spring Can	RC-2123-SH0002	NPSI	RC-2123- SH02/0	N/A	Repaired spring can.	1/21/03
2	02-00-005	MS	PM:9700026 6/127620	Valve	N2MSPSV7430	Dresser	BT-02188	N/A	Replaced valve disc	12/16/02
2	02-01-024	CV	CV-415095	Heat Exchanger	5R172NHX202A	Joseph Oats	2312-1B	987	Replaced channel head studs and nuts	10/08/02
2	02-01-040	RH	RH-410918	Pump	2R162NPA201A	Pacific Pump	51734	363	Replaced pump oil cooler cap screws	9/17/02
2	02-01-041	RH	RH-410919	Pump	2R162NPA201B	Pacific Pump	51735	364	Replaced pump cap screws	9/24/02
2	02-02-028	CV	PM:0100065 4/232479	Valve	A2CVFCV0205	Copes-Vulcan	7620-95400- 9-2	1675	Replace valve plug	2/19/03

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-031	SG	SG-411234	SG	1R122NSG201A	Westinghouse	1FM2	78	Install Swage reducer	12/19/02
2	02-02-032	SG	SG-411235	SG	1R122NSG201B	Westinghouse	2FM2	79	Install Swage reducer	12/19/02
2	02-02-033	SG	SG-411236	SG	1R122NSG201C	Westinghouse	3FM2	80	Install Swage reducer	12/19/02
2	02-02-034	SG	SG-411237	SG	1R122NSG201D	Westinghouse	4FM2	81	Install Swage reducer	12/19/02
2	02-02-047	FW	FW-411267	Pipe Spools	FW-2012- H,J,JA,JB,JC,JD	Ebasco/Bechtel	38253/38295	N/A	Replaced piping	12/9/02
2	02-02-048	FW	FW-411270	Pipe Spools	FW-2014- J,JA,JB,JC	Ebasco/Bechtel	38296	N/A	Replaced piping	12/12/02
2	02-02-049	FW	FW-411273	Pipe Spools	FW-2016 L, LA,LB,LC,LD, LE	Ebasco/Bechtel	24355	N/A	Replaced piping	12/11/02
2	02-02-050	FW	FW-411276	Pipe Spools	FW-2018- J,JA,JB,JC,JD	Ebasco/Bechtel	38297	N/A	Replaced piping	12/11/02
2	02-02-051	CV	CV-411296	Pipe Spools	CV-2002-C	Ebasco/Bechtel	27147	N/A	Replaced piping	12/19/02
2	02-02-052	CV	CV-411296	Pipe Spools	CV-2142-A-A3, B-A3	Ebasco/Bechtel	N/A	N/A	Replaced piping	12/19/02
2	02-02-057	AF	AF-411280	Pipe Spools	AF-2008-H,G,FA, FB,HA,HB, AF- 2062-B,BA	Ebasco/Bechtel	39257/39256/ 37354	N/A	Replaced piping	12/12/02
2	02-02-058	AF	AF-411282	Pipe Spools	AF-2010-K,KA, KB	Ebasco/Bechtel	37366	N/A	Replaced piping	12/19/02
2	02-02-059	AF	AF-411285	Pipe Spools	AF-2012-K,KA, KB	Ebasco/Bechtel	37352	N/A	Replaced piping	12/18/02
2	02-02-060	AF	AF-411288	Pipe Spools	AF-2006- N,HA,HB,HC, AF- 2061-A,AA	Ebasco/Bechtel	39253/39254/ 37296	N/A	Replaced piping	12/11/02
2	02-02-061	AF	AF-411283	Pipe Support	AF2010HL5012	NPSI	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-062	AF	AF-411284	Pipe Support	AF2063HL5005	NPSI	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-063	AF	AF-411287	Pipe Support	AF2012HL5018	NPSI	3006-275F- 002-55	N/A	Remove and reweld rear bracket	12/4/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-073	MS	PM:0100762 /223792	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Replaced poppet/Pilot poppet	1/24/03
2	02-02-074	MS	MS-411259	Pipe Spools	MS-2001-GA2	Ebasco/Bechtel	38914/38915	N/A	Removed/reinstalled piping	12/12/02
2	02-02-075	MS	MS-411261	Pipe Spools	MS-2002-GA2	Ebasco/Bechtel	38863/38864	N/A	Removed/reinstalled piping	12/17/02
2	02-02-076	MS	MS-411263	Pipe Spools	MS-2003-GA2	Ebasco/Bechtel	38824/38825	N/A	Removed/reinstalled piping	12/11/02
2	02-02-077	MS	MS-411265	Pipe Spools	MS-2004-GA2	Ebasco/Bechtel	38907/38908	N/A	Removed/reinstalled piping	12/16/02
2	02-02-082	FW	FW-411268	Pipe Supports	FW-2012- HL5008, HL5014,HL5004	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-083	FW	FW-411269	Pipe Supports	FW-2012- HL5012, HL5013,HL5015, HL5016	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/5/02
2	02-02-084	FW	FW-411271	Pipe Supports	FW-2014- SH0001, HL5006,HL5015	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-085	FW	FW-411272	Pipe Supports	FW-2014- HL5013, HL5014	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-086	FW	FW-411274	Pipe Supports	FW-2016- HL5011, HL5017	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/9/02
2	02-02-087	FW	FW-411279	Pipe Supports	FW-2016- SH0001	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-088	FW	FW-411277	Pipe Supports	FW-2018- HL5014	Bechtel	N/A	N/A	Replaced or modified dead weight supports	12/19/02
2	02-02-089	FW	FW-411278	Pipe Supports	FW-2018- HL5004, HL5016,SS0006	Bechtel	N/A	N/A	Replaced or modified seismic restraints	12/9/02
2	02-02-094	SB	SB-411309	Pipe Spools	SB-2101, SB2103	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-095	SB	SB-411311	Pipe Spools	SB-2201, SB2203	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-096	SB	SB-411313	Pipe Spools	SB-2301, SB2303	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-097	SB	SB-411315	Pipe Spools	SB-2401, SB2403	Ebasco	N/A	N/A	Removed/reinstalled piping	12/18/02
2	02-02-098	SB	SB-411444	Pipe Support	SB2401HL5016U	Ebasco	460	N/A	Welded paddle to flange	1/6/03
2	02-02-101	FW	FW-422891	Valve	A2FWFV7143	WKM	536744	2051	Installed Sealant Injection Fitting	11/27/02
2	02-02-115	CV	CV-397589	Snubber	CV2088HL5002	Anchor Darling	755	N/A	Replaced snubber	11/4/02
2	02-02-119	CV	CV-413596	Valve	2R172TCV0191A	Kerotest	CAB1322	N/A	Drilled out disc pin hole	11/27/02
2	02-02-120	CV	CV-413596	Valve	2R172TCV0191B	Kerotest	YG54	N/A	Drilled out disc pin hole	11/27/02
2	02-02-121	MS	MS-426236	Valve	A2MSFSV7424	Atwood Morrill	5-13839	N/A	Repaired indication on valve sealing surface.	12/19/02
2	02-02-122	CV	CV-416537	Valve	C2CVHCV0218	Copes Vulcan	7620-95400- 102	1047	Replaced valve plug	1/6/03
2	02-02-124	SB	SB-411445	Snubber	SB2401HL5016L	Anchor Darling	316	N/A	Replaced snubber w/Anchor Darling s/n: 511	11/27/02
2	02-02-125	CV	PM:9000070 5/198066	Valve	N2CVPSV3100	Crosby	N662520000 03	1059	Replaced valve w/ Crosby s/n N66252000004	2/17/03
2	02-02-134	SI	SI-414196	Piping Spacer	SI-2201-N-1	Ebasco	N/A	N/A	Machined spacer surface, cut off and rewelded handle	11/27/02
2	02-02-135	CV	CV-396831	Valve	2R172XCV0026	Westinghouse	04001CS880 000D005W7 50024	W14 944	Replaced valve w/Westinghouse s/n: 04001CS880000D000 W750007	12/19/02

SOUTH TEXAS PROJECT UNIT 2
ASME SECTION XI
2RE09 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	02-02-139	FW	FW-423219	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-02-140	FW	FW-427631	Tubing	N/A	N/A	N/A	N/A	Repaired SG tubing leak by seal welding.	12/19/02
2	02-97-049	MS	PM:9700025 6/118592	Valve	N2MSPSV7410	Dresser	BT-02186	N/A	Replaced valve disc	12/16/02
2	02-97-053	MS	PM:9700026 0/118596	Valve	N2MSPSV7410D	Dresser	BT-02202	N/A	Replaced valve disc	12/16/02
2	02-97-055	MS	PM:9700026 2/118598	Valve	N2MSPSV7420A	Dresser	BT-02191	N/A	Replaced valve disc	12/16/02
2	02-97-058	MS	PM:9700026 5/118601	Valve	N2MSPSV7420D	Dresser	BT-02203	N/A	Replaced valve disc	12/18/02
2	02-97-061	MS	PM:9700026 9/127623	Valve	N2MSPSV7430C	Dresser	BT-02200	N/A	Replaced valve disc	12/16/02

COVER SHEET

2RE09 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

Prepared by: _____


J. E. Stauber, Engineer

Reviewed by: _____


M. S. Lashley, Supervising Engineer

SCOPE

2RE09 SYSTEM PRESSURE TESTS

The examinations summarized in this report were performed in accordance with the 1989 Edition with no Addenda of the ASME Code, Section XI that is 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. The examination category for ASME Code Class 2 Systems/Components establishes 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

SD 2-19-03

FORM NIS-1 (Back)

8. Examination Dates 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 3 of 3.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 3 of 3.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, c) 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 10/19/2003 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 2-19-2003

**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

13. ABSTRACT OF EXAMINATIONS AND TESTS

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 ninth refueling outage. ASME Code Class 1 piping and valves are specifically identified in the above referenced procedure.

15. 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.

DL 2-19-03

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.
RCFC COILS 21A, 22A, 21B, 22B, 21C, and 22C	American Air Filter	Various	N/A	Various
RHR 2A Ht. Exch. 2R162NHX201A	Joseph Oats	2312-4D	N/A	993
RHR Pump 2A 2R162NPA201A	Pacific Pumps	51734	N/A	363
RHR 2B Ht. Exch. 2R162NHX201B	Joseph Oats	2312-4E	N/A	994
RHR Pump 2B 2R162NPA201B	Pacific Pumps	51734	N/A	363
RHR 2C Ht. Exch. 2R162NHX201C	Joseph Oats	2312-4F	N/A	995
RHR Pump 2C 2R162NPA201C	Pacific Pumps	51736	N/A	365
CVCS Seal Water Return Ht. Exch. 4R172NHX204A	Lamco	833	N/A	256
CVCS Letdown Ht. Exch. 5R172NHX202A	Joseph Oats	2312-1B	N/A	987
CVCS Excess Letdown Ht. Exch. 5R172NHX203A	Joseph Oats	2312-3B	N/A	989
Volume Control Tank 2A 2R172NTS201A	Reco Industries	N-2287.10	N/A	76881
Suction Pulsation Dampener Htr 2R172NPD201A	Johnson Controls Inc	M-0439	N/A	177
CVCS Seal Injection Filter 2A 2R172NFR202A	Ptrinity	35364	N/A	19022
CVCS Seal Injection Filter 2B 2R172NFR202B	Ptrinity	35365	N/A	19023

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Centrifugal Charging Pump 2A 2R172NPA201A	Dresser Industries, Inc	51901	N/A	429
Centrifugal Charging Pump 2B 2R172NPA201B	Dresser Industries, Inc	51902	N/A	430
Positive Displacement Pump 2R172NPA202A	Union Pump Company	N753718A602	N/A	N/A
Pulsation Dampener 2R172NPD202A	Johnson Controls Inc	M-0440	N/A	178
CVCS Seal Injection Filter 2B 2R172NFR201B	Ptrinity	35959	N/A	19482
CVCS RC Filter 2A 2R172NFR201A	Ptrinity	35958	N/A	19481
CVCS Seal Water Return Filter 2R172NFR203A	Ptrinity	35960	N/A	19483
Seal Water Hx 4R172NHX204A	Lamco	833	N/A	256
Letdown Hx 2A 5R172NHX202A	Joseph Oat Corp	2312-1B	N/A	987
Regen Letdn Hx 5R192NHX203A	Joseph Oat Corp	J-2312-2B	N/A	985
Regen Hx 2A 2R172NHX201A	Joseph Oat Corp	2380-1B	N/A	2052
CVCS Excess Letdown Ht Exch 2A 5R172NHX203A	Joseph Oat Corp	2312-3B	N/A	989
RHR HX 2A 2R162NHX201A	Joseph Oat Corp	2312-4D	N/A	993
RHR HX 2B 2R162NHX201B	Joseph Oat Corp	2312-4E	N/A	994
RHR HX 2C 2R162NHX201C	Joseph Oat Corp	2312-4F	N/A	995
RHR PUMP 2A 2R162NPA201A	Pacific Pump	51734	N/A	363
RHR PUMP 2B 2R162NPA201B	Pacific Pump	51735	N/A	364
RHR PUMP 2C 2R162NPA201C	Pacific Pump	51736	N/A	365

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Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
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 04/03/2001 to 12/10/2002
9. Inspection Period Identification First Period (10/19/00 to 10/18/03)
10. Inspection Interval Identification Second Interval (10/19/00 to 10/18/10)
11. Applicable Edition of Section XI 1989 Edition Addenda none
12. Date/Revision of Inspection Plan: September 2002/Revision 11
13. Abstract of Examinations and Tests. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Refer to Supplemental Sheet Page 5 of 5.
14. Abstract of Results of Examinations and Tests.
No relevant conditions affecting pressure-retaining boundaries were noted.
15. Abstract of Corrective Measures.
Refer to Supplemental Sheet Page 5 of 5.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) 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 4 MAR 20 03 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 04/03/2001 to 12/10/2002, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in this Owner's Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, 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 2-19- 20 03

**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

13. 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 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-CC-0001	Component Cooling Water System Inservice Pressure Test
0PSP15-CV-0001	Chemical Volume Control System Inservice Pressure Test
0PSP15-CV-0007	Chemical Volume Control System Inservice Pressure Test
0PSP15-FC-0001	Spent Fuel Pool Cooling & Cleaning System Inservice Pressure Test
0PSP15-RH-0001	Residual Heat Removal System Inservice Pressure Test

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

15. 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.

BL 2-19-02