INSERVICE INSPECTION
EXAMINATION REPORT

of

SEABROOK STATION

for

NORTH ATLANTIC ENERGY SERVICE CORPORATION
P.O. Box 300
Seabrook, NH 03874

Commercial Service Date:	**August 19, 1990**
Refueling Outage:	**4**
Period:	**2**
Interval:	**1**

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ISI Coordinator

Approved By: [signature] — Date 2-27-96
Component Performance Supervisor

TABLE OF CONTENTS

TABLE OF CONTENTS

INTRODUCTION

Inservice Inspection Examinations of ASME Class 1, 2, and 3 piping welds and components were conducted at Seabrook Station in accordance with ASME Section XI, 1983 Edition through Summer 1983 Addenda and the ISI Program Plan. This report summarizes ISI examinations completed just prior to and during the fourth refueling outage which concluded on December 11, 1995. ISI Period 2 is complete with approximately 58% of the Interval 1 examinations completed.

DETAILED ISI SUMMARY

1.0 NONDESTRUCTIVE EXAMINATION PROCEDURES

The following procedures were used during refueling outage #4 inservice inspection. Three procedures utilized (VT, PT, and MT) were North Atlantic Energy Service Corporation (NAESCO) procedures. The remaining procedures used were Yankee Atomic Electric Company (YAEC) procedures approved for use by NAESCO Station Operation Review Commitee (SORC). YAEC serves as the certifying agent in NDE for NAESCO.

ES1807.001	Visual Examination Procedure
ES1807.002	Liquid Penetrant Examination - Solvent Removable
ES1807.003	Magnetic Particle Examination
YA-G-1S	Preparation of Welds For Nondestructive Examination
YA-UT-1S	Ultrasonic Testing - General Requirements
YA-UT-2S	Ultrasonic Testing of Welds
YA-UT-4S	Ultrasonic Testing of Nozzle Inner Radii
YA-UT-5S	Ultrasonic Testing of Materials
YA-UT-100S	Ultrasonic Sizing of ID Connected Planar Flaws
YA-UT-112S	Ultrasonic Thickness Measurement

The following techniques were used for the subject examinations:

YA-UT-2S

S2-95-01 Rev. 1	S2-95-12 Rev. 0
S2-95-02 Rev. 1	S2-95-13 Rev. 0
S2-95-03 Rev. 0	S2-95-14 Rev. 0
S2-95-04 Rev. 0	S2-95-15 Rev. 0
S2-95-05 Rev. 0	S2-95-16 Rev. 0
S2-95-06 Rev. 0	S2-95-17 Rev. 0
S2-95-07 Rev. 0	S2-95-18 Rev. 0
S2-95-08 Rev. 0	S2-95-19 Rev. 0

YA-UT-4S

S4-95-01 Rev. 0

YA-UT-5S

S5-95-01 Rev. 0

2.0 SUMMARY REPORT

The following is a summary of all examinations performed, conditions noted, and corrective measures taken during the fourth refueling inservice inspection.

Code Category B-B Pressure Retaining Welds in Vessels Other Than Reactor Vessel

Steam Generator "C" tubesheet to head weld, RC E-11C SEAM-1 was examined by UT with no recordable indications.

Code Category B-D Full Penetration Welds of Nozzles in Vessels

Two pressurizer nozzles, RC E-10 B-NZ and RC E-10 C-NZ, and their associated inner radii, RC E-10 B-IR and RC E-10 C-IR were examined by UT with no recordable indications. The two nozzle examinations could not achieve full ASME Code required volume. Relief will be pursued.

Two steam generator nozzles, RC E-11C 2A-NZ and RC E-11C 2B-NZ, and their associated inner radii, RC E-11C 2A-IR and RC E-11C 2B-IR were examined by UT with no recordable indications.

Code Category B-G-1 Pressure Retaining Bolting, Greater Than 2 in. In Diameter

RC RPV STUD No's 16,17,18,19, 20,21,22,23,24,42, 43,44,45,46,47,48, 49, & 50	UT and MT (no unacceptable indications)
RC RPV NUT No's 16,17,18,19, 20,21,22,23,24,42 43,44,45,46,47,48, 49, & 50	VT-1 (no unacceptable indications)
RC RPV WASHER No's 16,17,18,19, 20,21,22,23,24,42, 43,44,45,46,47,48, 49, & 50	VT-1 (no unacceptable indications)

2.0 SUMMARY REPORT (continued)

Code Category B-G-2 Pressure Retaining Bolting, 2 in. and Less In Diameter

The following components had bolting visually examined (VT-1) in place and under tension.

RC 0013-01 V23-B	No unacceptable conditions noted.
RC 0058-01 V88-B	No unacceptable conditions noted.
RC 0074-01 V115-B	No unacceptable conditions noted.
RC 0075-01 V116-B	No unacceptable conditions noted.
RC 0076-01 V117-B	No unacceptable conditions noted.
RC 0080-02 PCV456A-B	No unacceptable conditions noted.
RC 0080-02 V122-B	Failed VT-1 examination. A loose bonnet nut was discovered. Bonnet nuts were retorqued and valve successfully re-examined. A sample expansion of 13 were examined with no unacceptable conditions noted.
RC 0080-06 PCV456B-B	No unacceptable conditions noted.
RC 0080-06 V124-B	No unacceptable conditions noted.
RC 0094-01 V51-B	No unacceptable conditions noted.
RC 0096-01 V80-B	No unacceptable conditions noted.
RC 0097-01 LCV459-B	No unacceptable conditions noted.
RC 0097-01 V81-B	No unacceptable conditions noted.
RH 0162-02 V31-B	No unacceptable conditions noted.
RH 0163-02 V30-B	No unacceptable conditions noted.
RH 0163-02 V65-B	No unacceptable conditions noted.
SI 0201-02 V3-B	No unacceptable conditions noted.
SI 0201-02 V6-B	No unacceptable conditions noted.
SI 0202-02 V17-B	No unacceptable conditions noted.
SI 0202-02 V20-B	No unacceptable conditions noted.
SI 0202-02 V21-B	No unacceptable conditions noted.
SI 0203-02 V32-B	No unacceptable conditions noted.
SI 0203-02 V35-B	No unacceptable conditions noted.
SI 0203-02 V36-B	No unacceptable conditions noted.
SI 0204-02 V47-B	No unacceptable conditions noted.
SI 0204-02 V51-B	No unacceptable conditions noted.
SI 0273-01 FE-925-B	No unacceptable conditions noted.
SI 0273-01 V147-B	No unacceptable conditions noted.

2.0 SUMMARY REPORT (continued)

Code Category B-J Pressure Retaining Welds in Piping

The following Reactor Coolant System piping welds were examined as follows:

RC 0006-01 04B	Liquid penetrant examination was performed with no unacceptable indications.
RC 0009-01 06B	Liquid penetrant examination was performed with no unacceptable indications.
RC 0012-01 05B	Liquid penetrant examination was performed with no unacceptable indications.
RC 0048-02 21	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0048-03 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0048-03 04	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0048-03 05	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0048-03 06	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0074-01 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0074-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0074-01 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0075-01 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0075-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category B-J	Pressure Retaining Welds in Piping (continued)
RC 0075-01 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0080-02 01	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 02	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 03	Liquid penetrant examination recorded one linear indication which was corrected by surface conditioning and successfully re-examined.
RC 0080-02 04	Liquid penetrant examination recorded one linear indication which was corrected by surface conditioning and successfully re-examined.
RC 0080-02 05	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 06	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 07	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 08	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 09	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 10	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-02 11	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 01	Liquid penetrant examination was performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category B-J	Pressure Retaining Welds in Piping (continued)
RC 0080-06 02	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 03	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 04	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 05	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 06	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 07	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 08	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 10	Liquid penetrant examination was performed with no unacceptable indications.
RC 0080-06 11	Liquid penetrant examination was performed with no unacceptable indications.
RC 0094-01 04	Liquid penetrant examination was performed with no unacceptable indications.
RC 0094-01 05	Liquid penetrant examination was performed with no unacceptable indications.
RC 0096-01 01	Liquid penetrant examination was performed with no unacceptable indications.
RC 0096-01 02	Liquid penetrant examination was performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category B-J Pressure Retaining Welds in Piping (continued)

RC 0097-01 28	Liquid penetrant examination was performed with no unacceptable indications.
RC 0097-01 29	Liquid penetrant examination was performed with no unacceptable indications.
RC 0097-01 30	Liquid penetrant examination was performed with no unacceptable indications.

The following Residual Heat Removal System welds were examined as follows:

RH 0162-02 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0163-02 07	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0163-02 08	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0163-02 09	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0180-02 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0180-02 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

The following Safety Injection System piping welds were examined as follows:

SI 0201-02 05	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0201-02 06	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0202-02 17	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category B-J	Pressure Retaining Welds in Piping (continued)
SI 0251-05 06	Liquid penetrant examination was performed with no unacceptable indications.
SI 0258-02 02	Liquid penetrant examination was performed with no unacceptable indications.
SI 0258-02 03	Liquid penetrant examination was performed with no unacceptable indications.
SI 0272-04 04	Liquid penetrant examination was performed with no unacceptable indications.
SI 0272-04 05	Liquid penetrant examination was performed with no unacceptable indications.
SI 0272-04 08	Liquid penetrant examination was performed with no unacceptable indications.
SI 0272-04 09	Liquid penetrant examination was performed with no unacceptable indications.
SI 0273-01 07	Liquid penetrant examination was performed with no unacceptable indications.
SI 0273-01 08	Liquid penetrant examination was performed with no unacceptable indications.
SI 0273-01 10	Liquid penetrant examination was performed with no unacceptable indications.
SI 0273-01 11	Liquid penetrant examination was performed with no unacceptable indications.
SI 0274-01 11	Liquid penetrant examination was performed with no unacceptable indications.
SI 0274-01 12	Liquid penetrant examination was performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category B-J	Pressure Retaining Welds in Piping (continued)
SI 0275-04 10	Liquid penetrant examination was performed with no unacceptable indications.
SI 0275-04 11	Liquid penetrant examination was performed with no unacceptable indications.
SI 0275-06 01	Liquid penetrant examination recorded an acceptable linear indication.
SI 0275-06 02	Liquid penetrant examination was performed with no unacceptable indications.

Code Category B-P	All Pressure Retaining Components

A final system leakage test was conducted on the Reactor Coolant System prior to plant startup from refueling. Visual examination noted no unacceptable conditions.

Code Category C-A	Pressure Retaining Welds in Pressure Vessels
RC E-11A SEAM-2	Ultrasonic examination was performed with no unacceptable indications. Full ASME Code required volume could not be achieved. Relief will be pursued.
RC E-11A SEAM-5	Ultrasonic examination was performed with no unacceptable indications.
RC E-11A SEAM-6	Ultrasonic examination was performed with no unacceptable indications. Full ASME Code required volume could not be achieved. Relief will be pursued.
RC E-11A SEAM-8	Ultrasonic examination was performed with no unacceptable indications.
CS E-3 C	Ultrasonic examination recorded two indications. Evaluation determined that the indications were caused by internal baffle plate attachment geometry. This was verified by review of the heat exchanger drawing. Also, full ASME Code required volume could not be achieved. Relief will be pursued.

2.0 SUMMARY REPORT (continued)

Code Category C-B	Pressure Retaining Nozzle Welds in Vessels
RC E-11A 16-NZ	Ultrasonic examination was performed with no unacceptable indications. Full ASME Code required volume could not be achieved. Relief will be pursued. Magnetic particle examination was performed with no unacceptable indications.
RH E-9B NZB-B	Visual examination (VT-2) was performed with no unacceptable conditions noted.
RH E-9B NZA-B	Visual examination (VT-2) was performed with no unacceptable conditions noted.
Code Category C-C	Integral Attachments For Vessels, Piping, Pumps, and Valves
CBS 1214-00 A-1-L	Liquid penetrant examination was performed with no unacceptable indications.
CBS 1216-00 A-1-L	Liquid penetrant examination was performed with no unacceptable indications.
Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping
CBS 1202-03 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1202-03 LU39	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1207-01 08	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1207-01 LU14	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1207-01 LD15	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (continued)
CBS 1207-01 LD16	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1207-02 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1207-02 LU17	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1209-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1209-01 LD4	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1213-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1213-02 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1213-02 09	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1213-03 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1213-03 LU4	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-01 LD1	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-01 LD2	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (continued)
CBS 1214-01 LD3	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-01 LU4	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-02 19	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CBS 1214-02 21	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0328-01 10	Liquid penetrant examination was performed with no unacceptable indications.
CS 0328-02 04	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0328-02 21	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0329-01 07	Liquid penetrant examination was performed with no unacceptable indications.
CS 0358-01 01	Liquid penetrant examination was performed with no unacceptable indications.
CS 0358-02 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0363-01 01	Liquid penetrant examination was performed with no unacceptable indications.
CS 0369-02 53	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0369-03 08	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (continued)
CS 0371-01 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
CS 0371-03 08	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 LU9	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 LD12	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 LU12	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 15	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 16	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-02 21	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-03 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-03 04	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-03 LU7	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-03 LD8	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RC 0013-04 10	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (continued)
RC 0013-04 LU1	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0151-01 02	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0151-10 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0151-10 04	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0151-10 LD5	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0151-10 LU5	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
RH 0152-01 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-02 07	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-02 14	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-03 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-03 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-03 04	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0250-04 02	Liquid penetrant examination was performed with no unacceptable indications.

2.0 SUMMARY REPORT (continued)

Code Category C-F-1	Pressure Retaining Welds in Austenitic Stainless Steel or High Alloy Piping (continued)
SI 0251-03 09	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0251-04 07	Liquid penetrant examination was performed with no unacceptable indications.
SI 0258-01 02	Liquid penetrant examination was performed with no unacceptable indications.
SI 0258-02 01	Liquid penetrant examination was performed with no unacceptable indications.
SI 0259-01 01	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0272-02 10	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
SI 0272-03 03	Ultrasonic and liquid penetrant examinations were performed with no unacceptable indications.
Code Category C-F-2	Pressure Retaining Welds in Carbon Steel or Low Alloy Steel Piping
FW 4606-03 03	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4606-03 04	Ultrasonic examination was performed with no unacceptable indications. Magnetic particle examination recorded several linear indications which were corrected by surface conditioning and successfully re-examined.
FW 4606-03 07	Ultrasonic examination was performed with no unacceptable indications. Magnetic particle examination recorded a linear indication which was corrected by surface conditioning and successfully re-examined.

2.0 SUMMARY REPORT (continued)

Code Category C-F-2	Pressure Retaining Welds in Carbon Steel or Low Alloy Steel Piping (continued)
FW 4606-03 11	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4606-03 12	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4606-04 01	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4606-04 21	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 01	Ultrasonic examination was performed with no unacceptable indications. Magnetic particle examination recorded two linear indications which were corrected by surface conditioning and successfully re-examined.
FW 4609-03 02	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 03	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 04	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 05	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 07	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 08	Ultrasonic examination was performed with no unacceptable indications. Magnetic particle examination recorded two linear indications which were corrected by surface conditioning and successfully re-examined.

2.0 SUMMARY REPORT (continued)

Code Category C-F-2	Pressure Retaining Welds in Carbon Steel or Low Alloy Steel Piping (continued)
FW 4609-03 12	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-03 13	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-04 01	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
FW 4609-04 21	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4000-02 04	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4000-02 10	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4003-02 02	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4003-02 04	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4003-02 12	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4003-36 08	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.
MS 4003-36 LU8	Ultrasonic and magnetic particle examinations were performed with no unacceptable indications.

ISI Supports (NF)

The following supports received a VT-3 / VT-4 visual examination. Problem sheet number refers to supports that required evaluations (i.e. clearances, gaps, etc.). Evaluations were performed and the supports were determined to be operable, and did not fall within IWF-3410A.

2.0 SUMMARY REPORT (continued)

ISI Supports (NF) (continued)

Support No.	System	Class	Status	Problem Sh. No.
RC Pump Supt. (4)	RC	1	Eval/Accept	
1-0013-SG-004	RC	1	Accept	
1-0013-SG-007	RC	1	Accept	
1-0021-SG-003	RC	2	Accept	
1-0021-SG-005	RC	1	Accept	
1-0048-RG-017	RC	1	Eval/Accept	OR04-9
1-0048-RG-018	RC	1	Accept	
1-0048-SG-002	RC	1	Accept	
1-0048-SG-009	RC	1	Accept	
1-0048-SG-011	RC	1	Eval/Accept	OR04-8
1-0048-SG-012	RC	1	Accept	
1-0048-SG-016	RC	1	Accept	
1-0048-SV-026	RC	1	EvalAccept	
1-0151-RG-006	RH	2	Accept	
1-0151-RG-007	RH	2	Accept	
1-0151-RG-013	RH	2	Accept	
1-0151-SG-003	RH	2	Accept	
1-0151-SV-014	RH	2	Accept	
1-0152-SV-001	RH	2	Accept	
1-0155-A-012	RH	2	Eval/Accept	
1-0155-RG-023	RH	2	Accept	
1-0155-RG-026	RH	2	Eval/Accept	OR04-3
1-0155-RG-028	RH	2	Accept	
1-0155-SG-003	RH	1	Accept	
1-0155-SG-009	RH	2	Accept	
1-0155-SG-015	RH	2	Eval/Accept	
1-0155-SG-022	RH	2	Accept	
1-0155-SG-024	RH	2	Accept	
1-0155-SH-030	RH	2	Accept	
1-0155-SV-020	RH	1	Accept	
1-0157-RG-004	RH	2	Accept	
1-0157-RG-011	RH	2	Eval/Accept	OR04-1
1-0157-SG-001	RH	2	Accept	
1-0157-SG-002B	RH	2	Accept	
1-0157-SG-010	RH	2	Accept	
1-0157-SH-017	RH	2	Accept	
1-0157-SV-016	RH	2	Accept	
1-0158-RG-001	RH	2	Accept	

2.0 SUMMARY REPORT (continued)

ISI Supports (NF) (continued)

Support No.	System	Class	Status	Problem Sh. No.
1-0158-RG-003	RH	2	Eval/Accept	OR04-2
1-0158-RG-011	RH	2	Accept	
1-0158-SG-004	RH	2	Accept	
1-0158-SG-007	RH	2	Accept	
1-0158-SG-009	RH	2	Accept	
1-0158-SG-012	RH	2	Accept	
1-0158-SH-008	RH	2	Accept	
1-0158-SH-010	RH	2	Accept	
1-0158-SV-002	RH	2	Accept	
1-0160-RG-002	RH	2	Accept	
1-0160-RG-023	RH	2	Accept	
1-0160-SG-009	RH	1	Accept	
1-0160-SG-010	RH	1	Accept	
1-0163-SG-009	RH	1	Eval/Accept	
1-0163-SG-010	RH	1	Accept	
1-0250-RG-009	SI	2	Accept	
1-0250-SG-015	SI	2	Accept	
1-0250-SG-016	SI	2	Accept	
1-0250-SG-020	SI	2	Accept	
1-0256-A-021	SI	2	Eval/Accept	
1-0256-RG-020	SI	2	Eval/Accept	
1-0256-SG-001	SI	2	Accept	
1-0256-SG-002	SI	2	Accept	
1-0256-SG-003	SI	2	Eval/Accept	
1-0256-SG-004	SI	2	Accept	
1-0256-SG-005	SI	2	Accept	
1-0256-SG-006	SI	2	Eval/Accept	
1-0256-SG-007	SI	2	Eval/Accept	
1-0256-SG-008	SI	2	Accept	
1-0256-SG-014	SI	2	Accept	
1-0256-SG-016	SI	2	Accept	
1-0256-SG-022	SI	2	Eval/Accept	OR04-11
1-0272-A-017	SI	2	Accept	
1-0272-RG-002	SI	1	Accept	
1-0272-SG-014	SI	1	Accept	
1-0272-SG-015	SI	1	Accept	
1-0272-SG-016	SI	1	Eval/Accept	OR04-13
1-0272-SG-018	SI	1	Eval/Accept	OR04-7

2.0 SUMMARY REPORT (continued)

ISI Supports (NF) (continued)

Support No.	System	Class	Status	Problem Sh. No.
1-0272-SG-020	SI	2	Accept	
1-0273-SG-002	SI	1	Accept	
1-0273-SG-003	SI	1	Accept	
1-0273-SG-004	SI	2	Accept	
1-0327-RG-006	CS	2	Accept	
1-0327-RG-007	CS	2	Accept	
1-0327-SG-017	CS	2	Accept	
1-0364-RG-001	CS	2	Accept	
1-0364-SG-005	CS	2	Accept	
1-0364-SV-002	CS	2	Accept	
1-0365-SG-009	CS	1	Accept	
1-0365-SG-010	CS	1	Eval/Accept	
1-0365-SG-012	CS	1	Accept	
1-0365-SG-014	CS	1	Accept	
1-0365-SH-006	CS	1	Accept	
1-0365-SH-008	CS	1	Accept	
1-0369-SG-019	CS	2	Eval/Accept	OR04-6
1-0371-RG-006	CS	2	Accept	
1-0371-SG-001	CS	2	Accept	
1-0371-SG-002	CS	2	Accept	
1-0371-SG-003	CS	2	Accept	
1-0371-SV-004	CS	2	Accept	
1-0751-SG-005	CS	2	Accept	
1-0777-RG-004	CC	3	Accept	
1-0777-RG-007	CC	3	Accept	
1-0777-SG-001	CC	3	Accept	
1-0777-SG-011	CC	3	Accept	
1-0777-SG-012	CC	3	Accept	
1-0777-SG-020	CC	3	Accept	
1-0777-SG-021	CC	3	Accept	
1-0777-SH-002	CC	3	Accept	
1-0797-SG-005	CC	3	Accept	
1-1207-RG-006	CBS	2	Accept	
1-1207-SG-005	CBS	2	Accept	
1-1207-SG-007	CBS	2	Accept	
1-1216-A-001	CBS	2	Accept	
1-1216-RG-002	CBS	2	Accept	
1-1216-SG-055	CBS	2	Accept	

2.0 SUMMARY REPORT (continued)

ISI Supports (NF) (continued)

Support No.	System	Class	Status	Problem Sh. No.
1-1216-SG-056	CBS	2	Accept	
1-4000-RG-003	MS	2	Accept	
1-4000-SG-023	MS	2	Accept	
1-4000-SG-072	MS	3	Accept	
1-4001-A-027	MS	2	Accept	
1-4001-RG-003	MS	2	Accept	
1-4001-RG-028	MS	2	Accept	
1-4001-RG-062	MS	2	Accept	
1-4001-SG-014	MS	2	Accept	
1-4001-SG-023	MS	2	Accept	
1-4002-A-028	MS	2	Accept	
1-4002-RG-003	MS	2	Eval/Accept	
1-4002-SG-007	MS	2	Accept	
1-4002-SG-008	MS	2	Accept	
1-4003-SG-008	MS	2	Accept	
1-4003-SG-014	MS	2	Accept	
1-4003-SG-022	MS	2	Accept	
1-4606-SG-004A	MS	2	Accept	
1-4606-SG-011	MS	2	Accept	
1-4606-SV-005A	MS	2	Eval/Accept	OR04-17
1-4606-SV-012	MS	2	Accept	
1-4608-RG-003A	MS	2	Accept	
1-4608-RG-006A	MS	2	Eval/Accept	
1-4608-RG-014	MS	2	Accept	
1-4608-SG-004A	MS	2	Eval/Accept	OR04-16
1-4608-SG-012	MS	2	Accept	
Rx Nozzle Suppt.(4)	RC	1	Accept	
S/G Supports (4)	MS	1	Accept	

Support Examination Problem Sheets

Problem sheets OR04-1 through OR04-16 evaluated gap descrepancies. Evaluations were acceptable based on review of support calculations which indicated adequate movements.

Problem sheet OR04-17 evaluated the skewed angularity of a spring can assembly. The condition was acceptable based on the angle being within 4 degrees.

2.0 SUMMARY REPORT (continued)

Class 2 and Class 3 ISI Pressure Tests

Procedure No.	Code Category	Title
EX1810.101	B-P	Class 1 RC System Functional Test
EX1810.201	C-H	CBS Train A Functional Test
EX1810.202	C-H	CBS Train B Functional Test
EX1810.203	C-H,D-A	RWST & SAT Functional Test
EX1810.204	C-H	VCT & Piping Functional Test
EX1810.206	C-H	CS-Charging Pump Discharge Functional Test
EX1810.207	C-H	RHR Train A Functional Test
EX1810.208	C-H	RHR Train B Functional Test
EX1810.209	C-H	SF Cleanup Functional Test
EX1810.210	C-H	SI System Train A Functional Test
EX1810.211	C-H	SI System Train B Functional Test
EX1810.213	C-H	Feedwater System Functional Test
EX1810.214	C-H	IA System Penetration Functional Test
EX1810.215	C-H	Vent Gas System Penetration Functional Test
EX1810.216	C-H	Low Head Injection Functional Test
EX1810.217	C-H	Service Air System Penetration Functional Test
EX1810.218	C-H	RMW System Penetration Functional Test
EX1810.221	C-H	FP System Penetration Functional Test
EX1810.222	C-H	CGC System Functional Test
EX1810.223	C-H	Loops A & D Main Steam Functional Test
EX1810.224	C-H	Loops B & C Main Steam System Functional Test
EX1810.225	C-H	SB System Functional Test
EX1810.226	C-H	RC Drain Tank Pump Penetration Functional Test
EX1810.227	C-H	WLD System Sump Penetration Functional Test
EX1810.229	C-H	CS System Letdown Functional Test
EX1810.301	D-A	Service Water System Train A Functional Test
EX1810.302	D-A	Service Water System Train B Functional Test

2.0 SUMMARY REPORT (continued)

Class 2 and Class 3 ISI Pressure Tests (continued)

Procedure No.	Code Category	Title
EX1810.303	D-A,D-B,D-C,C-H	Primary Component Cooling Loop B Functional Test
EX1810.304	D-A,D-B,D-C,C-H	Primary Component Cooling Loop A Functional Test
EX1810.305	D-A	PCCW Thermal Barrier System Functional Test
EX1810.306	D-A	CS System-Boric Acid Transfer Piping Functional Test
EX1810.309	D-C	Spent Fuel Pool Cooling System Functional Test
EX1810.310	D-A,D-B	Emergency Feed Pump Piping Functional Test
EX1810.313	D-A	DG Cooling Water System Train B Functional Test
EX1810.314	D-A,D-B	DG Starting Air System Train B Functional Test
EX1810.315	D-A,D-B	DG Starting Air System Train A Functional Test
EX1810.316	D-A	DG Cooling Water System Train A Functional Test
EX1810.317	D-B	MS Supply Line to Emergency Feed Pump Functional Test
EX1810.318	D-A	DG Fuel Oil System Train A Functional Test
EX1810.319	D-A	DG Fuel Oil System Train B Functional Test
EX1810.320	D-A	DG Lube Oil System Train A Functional Test
EX1810.321	D-A	DG Lube Oil System Train B Functional Test

The above tests successfully underwent a VT-2 visual examination. EX1810.309 discovered a socket weld on a 3/4" line that was defective. This line was repaired and inspected under the station work control program. During conduct of EX1810.306, boric acid was discovered on a weld. The boric acid was removed, the weld examined by liquid penetrant, and by VT-2 with no unacceptable indications. Minor packing and flange leaks were identified and placed on the packing adjustment and minor maintenance repetitive task program for correction.

APPENDIX A

FORM NIS-1 OWNER'S REPORT

FOR

INSERVICE INSPECTIONS

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As Required by the Provisions of the ASME Code Rules

1. Owner North Atlantic Energy Service Corporation
   P.O. Box 300, Seabrook, NH 03874
   (Name and Address of Owner)

2. Plant Seabrook Nuclear Power Station, Seabrook, NH 03874
   (Name and Address of Plant)

3. Plant Unit Seabrook Unit 1

4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date 8/19/90

6. National Board Number for Unit N/A

7. Components Inspected
   See Abstract Item No. 13

8. Examination Dates 11/3/95 to 12/11/95

9. Inspection Period Identification End of Second Period

10. Inspection Interval Identification First Ten Year Interval

11. Applicable Edition of Section XI 1983 Addenda Summer 1983

12. Date/Revision of Inspection Plan Sept. 6, 1995 Rev. 2 (SIIR)

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.
    See attached Abstract, Page 28. Statement concerning status of work required for the Inspection Plan is included in the Introduction.

14. Abstract of Results of Examinations and Tests.
    See attached Abstract, Page 29.

15. Abstract of Corrective Measures.
    See attached Abstract, Page 31.

FORM NIS-1 (Page 2)

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 N/A
(if applicable)

Expiration Date N/A

Signed K A Whitney, ISI Coord Date Feb. 27, 1996
(Owner)

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of New Hampshire and employed by Hartford Steam Boiler Inspection and Insurance Co. of Hartford, CT have inspected the components described in the Owner's Report during the period 5/31/95 to 12/11/95, 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, tests, and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connection with this inspection.

(Inspector's Signature)

Commissions NH 202 "I"
National Board, State, Province, and Endorsements

Date FEB 27, 1996

13. Abstract of Examinations

ASME Class 1

ASME Code Category	No.	Components Examined	Method
B-B	(1)	Steam Generator Head Weld	UT
B-D	(2)	Pressurizer Nozzle	UT
	(2)	Pressurizer Nozzle Inner Radius	UT
	(2)	Steam Generator Nozzle	UT
	(2)	Steam Generator Nozzle Inner Radius	UT
B-G-1	(18)	RPV Stud	UT,MT
	(18)	RPV Nut	VT-1
	(18)	RPV Washer	VT-1
B-G-2	(26)	Valve Bolting	VT-1
	(1)	Piping Flange Connection	VT-1
B-J	(20)	Piping Welds	UT,PT
	(48)	Piping Welds	PT
B-P	(1)	System Leakage Test Conducted on all Class 1 Systems	VT-2

ASME Class 2

ASME Code Category	No.	Components Examined	Method
C-A	(1)	Excess Letdown Heat Exchanger Head Weld	UT
	(4)	Steam Generator Girth Welds	UT
C-B	(1)	Steam Generator Steam Outlet Nozzle Weld	UT,MT
	(2)	RHR Heat Exchanger Nozzle Welds	VT-2
C-C	(2)	Piping Integral Attachments	PT

13. Abstract of Examinations (continued)

ASME Class 2 (continued)

ASME Code Category	No.	Components Examined	Method
C-F-1	(56)	Stainless Steel Piping Welds	UT,PT
	(8)	Stainless Steel Piping Welds	PT
C-F-2	(21)	Carbon Steel Piping Welds	UT,MT
	(4)	Carbon Steel Piping Welds	MT
C-H	(27)	Class 2 System Functional Test	VT-2

ASME Class 3 and NF

ASME Code Category	No.	Components Examined	Method
D-A	(16)	Class 3 System Functional Test	VT-2
D-B	(6)	Class 3 System Functional Test	VT-2
D-C	(3)	Class 3 System Functional Test	VT-2
NF	(151)	Component Supports	VT-3 VT-4

14. Abstract of Results of Examinations and Tests

ASME Class 1

B-B One Steam Generator bottom head circumferential weld was examined but full ASME Code coverage could not be achieved. Relief will be pursued.

B-D Two Pressurizer nozzles were examined but full ASME Code coverage could not be achieved. Relief will be pursued.

B-G-2 One valve bonnet was unacceptable due to discovery of a loose nut. The condition was corrected and successfully re-examined. The required sample expansion was performed with no unacceptable results.

14. Abstract of Results of Examinations and Tests (continued)

ASME Class 1 (continued)

B-J Two piping welds had linear indications which were corrected by surface conditioning and successfully re-examined.

ASME Class 2

C-A The Excess Letdown Heat Exchanger head circumferential weld was examined but full ASME Code coverage could not be achieved. Relief will be pursued.

Four girth seam welds on the "A" Steam Generator were examined. Full ASME Code coverage could not be achieved on three of the four welds. Relief will be pursued.

C-B The "A" Steam Generator steam outlet nozzle was examined but full ASME Code coverage could not be achieved. Relief will be pursued.

C-F-2 Four piping welds had linear indications which were corrected by surface conditioning and successfully re-examined.

ASME Class 3 & NF

D-A During conduct of the Class 3 CS System - Boric Acid Transfer Functional Test, boric acid was discovered on a weld. The boric acid was removed and the weld examined by liquid penetrant and by VT-2. No unacceptable indications were found. The source of the boric acid was identified to be from a packing leak on an overhead valve.

D-C The Class 3 Spent Fuel Pool Cooling System Functional Test discovered a socket weld that was defective. The line was repaired and successfully re-examined.

N-F Several component supports were identified as having minor problems (i.e. clearances, gaps, etc.). Evaluations were performed and the supports were determined operable, and did not fall within IWF-3410.

15. Abstract of Corrective Measures

Welds

No corrective measures were required as a result of UT examinations. All recorded indications were evaluated and verified to be related to geometry and weld metal structure.

Several surface examinations exhibited unacceptable linear indications which appeared to be non-relevant conditions. Further surface conditioning verified the non-relevant condition and yielded an acceptable re-examination.

Bolted Components

A nut was found loose on a valve bonnet. The condition was corrected and successfully re-examined. In addition, the required sample expansion yielded no unacceptable results.

Pressure Testing

A defective weld was discovered during conduct of a functional test on the Spent Fuel Pool Cooling System. The weld was repaired and the line was successfully tested.

Boric Acid was found on a weld during conduct of a functional test on the CS - Boric Acid Transfer System. The deposit was removed and the weld examined by liquid penetrant examination and by VT-2. No unacceptable indications were found. The source of the boric acid was identified to be from a packing leak on an overhead valve.

Component Supports

No corrective measures were required as a result of component support visual examinations. Clearance and gap discrepancies were evaluated by Engineering as acceptable.

APPENDIX B

REPAIR / REPLACEMENT SUMMARY INDEX

(From the end of the Third Refueling through the Fourth Refueling)

ASME Section XI Repair/Replacements

Work Request No.	Description
94W000401	Installation of seal weld on new leakoff plug on MS-PV-3004
94W001087	Replacement of bolting on spare pump and installed on SW-P-41B
94W001088	Replacement of bolting on spare pump and installed on SW-P-41A
94W002273	Installation of seal weld on new leakoff plug on MS-PV-3002
94W002274	Installation of seal weld on new leakoff plug on MS-PV-3003
94W002681	Repair of reactor vessel flange seal ring groove
94W002811	Replacement of code safety MS-V7
94W003106	Replacement of bolting for blanks on alt. cooling
94W003106	Additional bolting replacement on alt. cooling
94W003236	Replacement of code safety MS-V38
94W003431	Repair of SW bowl serial #NG2534
94W003479	Installation of vent and drain on SW-S-10
94W003480	Installation of vent and drain on SW-S-11
94W003480	Replacement of bolting to connection on SW-S-11
94W003647	Replaced mechanical snubber with hydraulic snubber
94W003648	Deleted snubbers
94W003649	Deleted snubber
94W003650	Deleted snubbers
94W003651	Replacement of mechanical snubber
95W000081	Replaced mechanical snubber with hydraulic snubber
95W000137	Replacement of plug in CS-V145
95W000352	Machining of S/G "D" secondary manway flange face
95W000352	Replacement of S/G "D" secondary manway bolting
95W000353	Machining of S/G "C" secondary manway flange face
95W000353	Replacement of S/G "C" secondary manway bolting
95W000354	Replacement of S/G "B" bolting and installation of heli-coil
95W000354	Machining of S/G "B" secondary manway flange face
95W000354	Replacement of S/G "B" secondary manway bolting
95W000355	Machining of S/G "A" secondary manway flange face
95W000355	Replacement of S/G "A" secondary manway bolting
95W000357	Replacement of S/G "D" primary manway bolting and machining of the manway
95W000401	Installation of seal weld on new leakoff plug on MS-PV-3004
95W000413	Removal of internals from SI-V297
95W000480	Replacement of bolting on CC-E-17B channel head
95W000514	Base metal repair to flange on line SW-1806-02
95W000651	Repair of weld-o-let on line SW-1820-08

ASME Section XI Repair/Replacements (continued)

Work Request No.	Description
95W000653	Replacement of flange nut on SW-V61
95W000654	Replacement of bolting on SW-JTR-0805
95W000679	Seal house replacement on CS-P-2B
95W000680	Seal house replacement on CS-P-2A
95W000880	Replacement of SW-V28
95W000881	Repair/replacement of internals on MS-V96
95W000885	Repair of internals to FW-V70
95W000919	Replacement of disc and installation of anti-rotation lugs on CC-V295
95W000934	Replacement of bolting on SW-V19
95W000934	Replacement of flange bolting on SW-1814-JTR 1202 and 1203
95W000958	Relocate and replace MS-V94
95W000959	Relocate and replace MS-V96. Modified support
95W001309	S/G "D" secondary manway mod. by drilling
95W001401	Installation of cross connect to CC "B head tank
95W001402	Installation of cross connect for "B" train
95W001403	Installation of CC train "B" Hx outlet valve
95W001503	Repair of coupling on SF-P-10A casing drain line
95W001583	Deleted snubbers and cut support to allow work
95W001682	Repair to SB-V189 and replacement of studs
95W001784	Fabrication of SW spool pieces
95W001809	Fabricate support 1812-RG-2 and temp. support
95W001814	Installation of new SW spool pieces
95W001815	Installation of new SW spool pieces
95W001816	Installation of new SW spool pieces
95W001835	Replacement of code safety MS-V36
95W002030	Repair/replacement of S/G "D" secondary manway cover
95W002263	Installation of seal weld on new leakoff plug on MS-PV-3001
95W002273	Installation of seal weld on new leakoff plug on MS-PV-3002
95W002274	Installation of seal weld on new leakoff plug on MS-PV-3003
95W002431	Repair of weld on line SW-1802
95W002505	Upgrading of DG fuel oil fill lines
95W002622	Replacement of bolting on CBS-TK-101A
95W002662	Replaced snubber with S/N-1593
95W002679	Replacement of internals, bolting and machining on RC-V124
95W002739	Replacement of bolting on CC-E-17A

ASME Section XI Repair/Replacements (continued)

Work Request No.	Description
94RM23715600	Replacement of columns & bowl on SW-P-110A
94RM23716600	Replacement of columns & bowl on SW-P-110B
94RM23721600	Replacement of columns & bowl on SW-P-41C
94RM23722600	Replacement of columns & bowl on SW-P-41D
94RM24324001	Replacement of columns & bowl on Unit 2 pump serial # NG2531
94RM24324600	Replacement of bolting for columns & bowl removed from SW-P-110A
94RM24325600	Replacement of columns & bowl on pump removed from SW-P41A
94RM24325601	Replacement of columns & bowl on pump removed from SW-P41B
94RM24325603	Replacement of column, bowl and bolting on SW-P-41 spare pump
95RE00115001	Replacement of RC-V115, V116, V117
95RM22681001	Replacement of seals on RCP-A
95RM22683001	Replacement of seals on RCP-C
95RM23722600	Replacement of columns & bowl on SW-P-41D
PO93770	Base metal repair on SW columns #2535 & #2536