

United States Nuclear Regulatory Commission
Attachment to Serial RNP-RA/00-0001
212 Pages

INSERVICE INSPECTION REPORT
INTERVAL 3, PERIOD 3, OUTAGE 1
(RFO-19)

INSERVICE INSPECTION SUMMARY REPORT
FOR
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
3581 WEST ENTRANCE ROAD
HARTSVILLE, SOUTH CAROLINA 29550

CAROLINA POWER & LIGHT COMPANY

COMMERCIAL SERVICE DATE 3-7-71

REPORT COMPLETION DATE 12-16-99

FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner Carolina Power & Light Co., 411 Fayetteville St., P.O. Box 1551 Raleigh, NC 27602
(Name and Address of Owner)
2. Plant H.B. Robinson, 3581 West Entrance Rd., Hartsville, SC 29550
(Name and Address of Plant)
3. Plant Unit 2 4. Owner Certificate of Authorization (If required) N/A
5. Commercial Service Date 3/7/71 6. National Board Number for Unit N/A
7. Components Inspected

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Steam Generator A	Westinghouse	S/N 93732	N/A	N/A
Steam Generator B	Westinghouse	S/N 93733	N/A	N/A
Steam Generator C	Westinghouse	S/N 93734	N/A	N/A
Piping	Ebasco Services	N/A	N/A	N/A
Piping	Maintenance	N/A	N/A	N/A
Ex. Letdown Ht. Exgr.	Atlas Ind. Mfg. Co.	S/N 949	N/A	#700
Accumulator A	Delta	S/N 41152-68-1	N/A	N/A
Accumulator B	Delta	S/N 41152-68-2	N/A	N/A
Accumulator C	Delta	S/N 41152-68-3	N/A	N/A
RHR Heat Exchanger A	Atlas Ind. Mfg. Co.	S/N 881	N/A	#731
RHR Heat Exchanger B	Atlas Ind. Mfg. Co.	S/N 882	N/A	#731

FORM NIS-1 (Back)

8. Examination Dates 8/99 to 10/99 9. Inspection Interval from 2/1992 to 2/2002

10. Applicable Editions of Section XI 1986 Addenda N/A

11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Attached Summaries

12. Abstract of Conditions Noted.

See Attached Summaries

13. Abstract of Corrective Measures Recommended and Taken..

See attached Summaries

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

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

Date 12/15 19 99 Signed Carolina Power & Light Co. By [Signature]
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 South Carolina and employed by The Hartford Steam Boiler Inspection and Insurance Company of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 4/98 to 10/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certification 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] * Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsement

Date: December 16, 1999

*Signature excluding insertion of helical-coil on 1/6 c per letter dated 12/15/99

- CP&L is addressing this item through our corrective action program.

ABSTRACT

This report presents the results of the Inservice Inspection of the third interval, third period, first outage, for refueling outage number nineteen (RFO#19), at the H. B. Robinson Unit 2 Nuclear Station. Examinations of piping welds, piping system components, bolting and component supports were conducted in accordance with ASME Section XI, 1986 Edition, no addenda and Class CC and MC for IWE/IWL to the 1992 Edition 1992 Addenda. Repair and replacement efforts included modification and maintenance of component replacements (including class MC). Pressure testing of ASME Code systems and their components was performed in accordance with the requirements of ASME Section XI, IWA-5000, IWB-5000, IWC-5000, IWD-5000 and Code Case N 416-1. No flaws which exceeded the acceptance criteria of ASME Section XI were detected during the inservice examinations of pressure retaining components. Indications discovered during visual examination of component supports were either evaluated and accepted, repaired or replaced to the original design configurations.

INTRODUCTION

This report contains a detailed item by item summary of examination results performed by Carolina Power & Light Company and Raytheon since the last reporting of refueling outage eighteen through April 1998. The third interval, third period examination percentage requirements begin with this refueling outage (RFO#19) and will complete the period and third interval at the conclusion of refueling outage twenty (RFO#20). Examination reports, sketches, examination limitations, consumable testing materials, personnel qualifications and calibration standards are retained by Carolina Power & Light Company on site. Detailed information for the outage activities are contained in the Final Report for RFO 19 and may be obtained through the Carolina Power & Light Company plant document control services.

1.0 EDDY CURRENT EXAMINATION

- 1.1 Eddy Current Examination of Steam Generator "A" primary tubes were conducted and are summarized in Section 1 of this Report.**

2.0 INSERVICE EXAMINATION EVALUATION

- 2.1 The ISI exams performed during refueling outage nineteen at H. B. Robinson, Unit 2, Nuclear Station were conducted in accordance with the outage plan derived from the Third Ten Year Inservice Inspection Plan. This plan meets the requirements of ASME Section XI as defined in the 1986 Edition, and the H. B. Robinson, Unit 2, Technical Specifications, Section 5.5 and Title 10 of the Code of Federal Regulations, Part 50.55a(g).**

All Inservice Examinations performed were conducted by the use of site approved procedures and documented on procedural data reports. Each data report details the component or system examined, examination method employed, the procedure used to perform the test and all pertinent equipment settings or examination conditions. Recordable indications were documented and evaluated on the individual data reports or by an action item identified in Engineering Service Request (ESR) 99-00216. The reports are retained in the Final Report for RFO 19 and are retained by H. B. Robinson Nuclear Station as permanent records for retrieval and review for the life of the component. A summary of examinations, attached herein, contain listings of the examinations performed, details of the component identification, code category, code item number, examination area, work documents and other applicable identifying information.

- 2.2 Ultrasonic, magnetic particle, liquid penetrant, and eddy current examinations revealed no flaw indications exceeding the acceptance criteria of ASME Section XI, 1986 Edition.**

2.3 Visual examinations of supports which revealed indications requiring evaluation have been dispositioned per ESR 99-00216 as operable. Component Supports requiring corrective action per ESR 99-00216 will be reinspected to ensure those components have been returned to their design condition.

2.4 The results of examinations performed at the H. B. Robinson Nuclear Station during the nineteenth refueling outage have been classified in one of the following categories:

- A. No Recordable Indications
- B. Code Acceptable Indications
- C. Indications Evaluated and Dispositioned *

* All reported indications were evaluated by Engineering to determine if the supports were functional. The Engineering evaluation concluded that all supports were functional and had no operability concerns. However, CPL has elected to restore the supports to their original design via the WR/JO process, including removal of arc strikes.

2.5 The NDE summary tables (Section 2), itemize the components examined during refueling outage nineteen. The following is a brief explanation of the type of information included in the NDE Summary:

- A. Component ID - Identification of the component examined
- B. Component Description - A description of the component configuration
- C. System - The system on which the component was examined
- D. Line # - The applicable line # on which the examination was performed (if applicable).
- E. Code Category - The ASME Code Category that the examination was performed to.

- F. **Code Item Number** - The Item number of the applicable Code Category that the examination was performed to.
- G. **ISI Drawing** - The isometric sketch identifying the location of the component being examined.
- H. **Calibration Block** - The ultrasonic calibration block used to perform the examination (as applicable).
- I. **Procedure** - The procedure utilized to perform the examination.
- J. **Examination Completion** - The date the examination was completed.
- K. **Examination Results** - The results of the examination performed.
- L. **CRV Coverage** - The percent Code required volume covered during the examination.

As required by ASME Section XI, IWA-6000, Subparagraph IWA-6220(d), this report contains the following:

1. Numbers assigned to the components by the State, Municipality, or Providence; Page 2
2. National Board Numbers assigned to the components by the manufacturers; Page 2
3. Name of the components and descriptions, including size, capacity, material, location, and drawings to aid identification. These items are identified in the Ten Year Plan and this report as applicable.
4. Name and address of manufacturers; These items are available thru the QA records system at RNP. They are too numerous to list for each component.
5. Manufacturers component identification numbers; Page 2.
6. Date of completion of the examination, test, replacement or repair; These items are contained in the applicable sections of this summary report as identified on page 13.
7. Name of the Inspector who witnessed or otherwise verified the examinations, tests, replacements, or repairs, and the Inspectors employer and business address, when required. This requirement is addresses in the applicable sections of this summary report.

8. Abstract of examinations, tests replacements, or repairs performed; conditions recorded; and corrective measures recommended or taken; These items are contained in the applicable sections of this summary report as identified on page 13.
9. Signature of the Inspector, when required; ANII signatures appear on the NIS-1 & NIS-2 reports as applicable.
10. Owners Report for Inservice Inspections, Form NIS-1, and Owners Report for Repairs or Replacements, Form NIS-2 as shown in Appendix II; See NIS-1 & NIS-2 reports as applicable.

3.0 AUGMENTED EXAMINATION PROGRAM

- 3.1 The Augmented Examination Program included in this report documents the inspections performed to satisfy regulatory documents, other than ASME Section XI. During this period, ultrasonic examinations were conducted in accordance with NRC commitment ID 92R0362 for the steam generator feedwater nozzles. Additional augmented exams included safety injection accumulators A, B and C nozzles, and containment spray "best effort" ultrasonic inspections with no recordable indications noted. These examinations and records are not subject to the interface and review by the Authorized Nuclear Inservice Inspector (ANII), and are summarized in Section 3 of this Report.

4.0 PRESERVICE EXAMINATION

- 4.1 Preservice examination of Code Class components were conducted at the H.B. Robinson Unit 2 Plant from the conclusion of refueling outage eighteen through refueling outage nineteen, following repair/replacement activities. The items and areas listed in Section 7, Repairs and Replacements, of this Report were examined in accordance with the requirements of ASME Section XI as defined in the 1986 Edition with no addenda and the H.B. Robinson Unit 2 Technical Specifications Section 5.5 and Title 10 of the Code of Federal Regulations Part 50.55a(g).

The detailed examination data sheets recording all of the volumetric, surface and visual results are located in the RO 19 ISI Final Outage Report, and may be obtained through the Carolina Power and Light Company H.B. Robinson Plant Document Control Services.

5.0 SNUBBER EXAMINATIONS & TESTS

- 5.1 A summary of examinations and tests of snubbers on Code Class components conducted during refueling nineteen is contained in Section 5 of this Report.

6.0 PRESSURE TEST SUMMARY

- 6.1 Pressure tests and VT-2 examinations performed in conjunction ASME Section XI, Plant Technical Specifications and in accordance with procedure TMM-020 "Inservice Inspection Pressure Testing". Also included within TMM-020 are the approaches to testing each Code Class system and reference to the respective Engineering Surveillance Test (EST) procedures used in the conduct of the credited pressure test. The summary of these pressure tests are located in Section 6 of this Report.

7.0 REPAIR AND REPLACEMENT PROGRAM

- 7.1 The H. B. Robinson Nuclear Station Repair and Replacement Program (Section 7) for the period starting April 1998 through November 1999 underwent extensive review by the station personnel involved and the Authorized Nuclear Inservice Inspector (ANII). Work package information included within this summary report are those items which have completed all the required reviews, final engineering approval, and the required ANI/ANII NIS-2 certification prior to the close of the reporting period as specified in ASME Section XI, IWA-6230. The station has established December 13, 1999 as the document closing date for this reporting period.

- 7.2 Work evolutions performed during the nineteenth refueling outage whose document review, approval and certification process was not finalized by the established closing date shall be reported either by amendment to the original Refueling Outage Nineteen NIS-2 Summary or shall be included in the next summary report for refueling outage twenty, within the established guidelines of ASME Section XI, IWA-6230, and are located in Section 7 of this summary report .
- 7.3 The enclosed repair and replacement summary and the attached ASME Section XI, NIS-2 forms detail the component, system, work document, component description and the description of the work activity. Complete repair and replacement documentation for the specific component is maintained on site as a permanent record and is retrievable through the work request/job order (WR/JO) document package, which is identified on the NIS-2 form.

8.0 IWE/IWL PROGRAM

- 8.1 The IWE/IWL examinations performed during refueling outage nineteen at H.B. Robinson, Unit 2, Nuclear Station were conducted in accordance with a partial inspection plan as defined in EST-150 Revision 1 and in conjunction with the commitments in relief requests IWE/IWL-01 and IWE/IWL-02 as defined in SP-1419 Revision 2. The partial inspection plan meets the requirement 10 CFR 50.55a (b)(2)(vi) for Class MC and Class CC components utilizing the 1992 edition with the 1992 addenda of Subsection IWE and Subsection IWL of ASME Section XI Code.
- 8.2 All Examinations performed were conducted by the use of site approved procedures and documented on Examination Data Sheets.

- 8.3 General and Detailed Examinations for Class MC components performed in accordance with EST-150 Revision 1 revealed no indications that exceeded the acceptance criteria for the electrical penetrations or the airlock. No evaluations were required.**
- 8.4 General and Detailed Examinations for Class CC components performed in accordance with EST-150 Revision 1 revealed indications that exceeded the acceptance criteria defined in EST-150, Revision 1. These indications did not indicate degradation in inaccessible areas, were evaluated, and determined to be acceptable per ESR 99-00265.**
- 8.5 VT-3 examinations for Class MC Components were performed in accordance with SP-1419 Revision 2 to meet the requirements Relief Requests IWE/IWL-01 and IWE/IWL-02 (TAC NO. MA4637) for portions of the CV Liner and for portions of the moisture barrier.**
- 8.6.1 VT-3 examinations for the CV Liner revealed no indications which exceeded the acceptance criteria defined in SP-1419 Revision 2 and no evaluations were required.**
- 8.6.2 VT-3 examinations of the moisture barrier revealed indications that portions of the moisture barrier were ineffective in maintaining the leak-tight integrity of the moisture barrier. These portions of the moisture barrier were removed and replaced. It should also be noted that those portions of the moisture barrier that were not degraded were also removed and replaced. Since the portions of the moisture barrier that were degraded indicated potential degradation of those portions of the moisture barrier that were not inspected, an evaluation was performed to determine if additional examinations of the moisture barrier were required during RO19. ESR 99-00294 determined that no additional examinations were required during RO19. As required by 10CFR 50.55a(ix)(A), the following items are provided for those portions of the moisture barrier that exceeded acceptance standards.**

8.6.2.1 The portion of the moisture barrier around the perimeter of containment that was inspected is defined in SP-1419, Revision 2. The portion that was degraded was the leaktightness of the moisture barrier where it contacted the CV Liner. The moisture barrier exhibited a separation from the CV Liner. The separation appeared to be caused by degradation of the CV Liner coatings creating a gap with the flexible moisture barrier.

8.6.2.2 Per IWE-3513.1, any defects that may violate the leak-tight integrity of the moisture barrier are not acceptable and shall be repaired or replaced. ESR 99- 00294 evaluated the need for additional examinations during RO19 and determined that additional examinations were not required based on Relief Request IWE/IWL-02. ESR 99-00294 also determined that the moisture barrier degradation did not impact the inaccessible portion of the liner below the concrete due to the intimate contact between the concrete and liner and due to the corrosion protection provided by that intimate contact.

8.6.2.3 The corrective actions that were performed in accordance with SP-1419 Revision 2 for the defective moisture barrier were removal of the moisture barrier, removal of the degraded coating and corrosion products, validation that the CV Liner minimal design thickness was met, recoating of the degraded area, and replacement of the moisture barrier. These actions were completed during RO19. No additional corrective actions are required after RO19 in addition to those already committed to in relief requests IWE/IWL-01 and IWE/IWL-02.

INSERVICE INSPECTION REPORT

REFUELING OUTAGE 19 INDEX OF EXAMINATIONS

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SECTION

1

EDDY CURRENT EXAMINATIONS

ABSTRACT

This document summarizes the eddy current examination program and results of the program for the inspection at H.B. Robinson Unit 2, RFO-19, October 1999 Outage.

The eddy current examinations were performed utilizing Zetec Bobbin Coil Probes and Rotating Pancake and/or Plus Point Coil (RPC) probes. The site specific eddy current detection and sizing techniques used to perform the examinations were based on EPRI Revision 5 qualified techniques. RPC examinations were performed in S/G "A" on approximately 20% of the inlet (Hot) side historical manufacturing buff marks, dents, and benign bobbin indications. RPC examinations were also performed on 100% of the U-bend region of rows 1 and 2 utilizing a single Plus Point Coil probe. Steam Generator "A" had a total of 50% tubes tested with the Bobbin Coil from the Cold Leg and 60% tested from the Hot Leg top-of-tubesheet area. There were no repairable or pluggable tube indications reported for the 1999 RFO 19 inspection.

SECTION

2

INSERVICE EXAMINATION SUMMARY

The following tables are arranged by CPL Zones, which are identified as CPL-(XXX) series. The 100 series are Class 1, the 200 series are ASME Class 2 and the 300 series are ASME Class 3. Each Zone is identified as "Supports" or "Welds as applicable.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Required	Procedure
	P & ID		Code Class		Location	Exam Method	% CRV
CPL-204	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
	Comments						
	204/A01		RHR HX "A" TUBESHEET TO SHELL		AUX	86 CODE	SP-1455
	5379-1484	Sht. 1	2	N/A	AUX1-U23-2	VOL	93.7%
	RHR	2045	C-A	.875"	207'	UT	8/30/1999
	RHR-HTX-A		C1.30	0.875	CPL-49	N/A	A - ACCEPTED
	204/A02		RHR HX "A" SHELL TO LOWER HEAD		AUX	86 CODE	SP-1455
	5379-1484	Sht. 1	2	N/A	AUX1-U23-2	VOL	68.3%
	RHR	2045	C-A	.875"	205'	UT	8/30/1999
	RHR-HTX-A		C1.20	0.875	CPL-49	N/A	*A - ACCEPTED
	204/B01-IN		RHR HX "B" NOZZLE TO INLET		AUX	86 CODE	SP-1453
	5379-1484	Sht. 1	2	N/A	AUX1-V23-2	SUR	N/A
	RHR	2045	C-B	N/A	205'	PT	8/27/1999
	RHR-HTX-B		C2.31	.625"	N/A	N/A	A - ACCEPTED
	204/B01-OUT		RHR HX "B" NOZZLE TO OUTLET		AUX	86 CODE	SP-1453
	5379-1484	Sht. 1	2	N/A	AUX1-V23-2	SUR	N/A
	RHR	2045	C-B	N/A	205'	PT	8/27/1999
	RHR-HTX-B		C2.31	.625"	N/A	N/A	A - ACCEPTED
	204/B02-IN		RHR HX "B" NOZZLE TO INLET		AUX	86 CODE	SP-1453
	5379-1484	Sht. 1	2	N/A	AUX1-V23-2	SUR	N/A
	RHR	2045	C-B	N/A	205'	PT	8/27/1999
	RHR-HTX-B		C2.31	.625"	N/A	N/A	A - ACCEPTED
	204/B02-OUT		RHR HX "B" NOZZLE TO OUTLET		AUX	86 CODE	SP-1453
	5379-1484	Sht. 1	2	N/A	AUX1-V23-2	SUR	N/A
	RHR	2045	C-B	N/A	205'	PT	8/27/1999
	RHR-HTX-B		C2.31	.625"	N/A	N/A	A - ACCEPTED

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-212	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	212/O-WS	SLIDING STANCHION		N/A	HBR2-10618/71E	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 265'	TURB/ MAINSTEAM PLATFORM LOOP "A" MAINSTEAM 26-MS-1	N/A VISUAL VT-3	.500" 86 CODE	B - ACCEPTED SP-1464
	MINOR CORROSION OBSERVED ON STANCHION SLIDING SURFACE, NO REDUCTION IN CROSS SECTIONAL AREA OF SUPPORT. NO ADDITIONAL ACTION REQUIRED.					
	212/Q-WS	SLIDING STANCHION		N/A	AB-CAR-MS-2A-6062	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 264'	TURB/ MAINSTEAM PLATFORM LOOP "A" MAINSTEAM 26-MS-1	N/A VISUAL VT-3	.500" 86 CODE	B - ACCEPTED SP-1464
	MINOR CORROSION OBSERVED ON STANCHION SLIDING SURFACE, NO REDUCTION IN CROSS SECTIONAL AREA OF SUPPORT. NO ADDITIONAL ACTION REQUIRED.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-213	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	213/G-WS	SLIDING STANCHION		N/A	HBR2-10618/72A	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 266'	TURB/ MAINSTEAM PLATFORM TUR3-F15-4' 26-MS-2	N/A VISUAL VT-3	.500" 86 CODE	B - ACCEPTED SP-1464
	MINOR CORROSION OBSERVED ON STANCHION SLIDING SURFACE, NO REDUCTION IN CROSS SECTIONAL AREA OF SUPPORT. NO ADDITIONAL ACTION REQUIRED.					
	213/I-WS	SLIDING STANCHION		N/A	AB-CAR-MS-2B-6063	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 265'	TURB/ MAINSTEAM PLATFORM TUR3-G15-4' 26-MS-2	N/A VISUAL VT-3	.500" 86 CODE	B - ACCEPTED SP-1464
	MINOR CORROSION OBSERVED ON STANCHION SLIDING SURFACE, NO REDUCTION IN CROSS SECTIONAL AREA OF SUPPORT. NO ADDITIONAL ACTION REQUIRED.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-214	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	214/N-WS	SLIDING STANCHION		N/A	HBR2-10618/73C	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 265'	TURB/ MAINSTEAM PLATFORM TUR3-F16-4' 26-MS-3	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	214/P-WS	SLIDING STANCHION		N/A	AB-CAR-MS-2C-6064	9/1/1999
	G-190196 Sht. 1 MS 3020	F-C F3.10-50 263'	TURB/ MAINSTEAM PLATFORM TUR3-G16-4' 26-MS-3	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-215	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	215/Z	SLIDING STANCHION		N/A	HBR2-10618/74D	9/2/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 253'	TURB/FEEDWATER PLATFORM LOOP "A" FEEDWATER 16-FW-9	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-216	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	216/H	SLIDING STANCHION		N/A	HBR2-10618/75A	9/2/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 253'	TURB/FEEDWATER PLATFORM TUR2-F15-2' 16-FW-10	N/A VISUAL VT-3	.500" 86 CODE	C - ACCEPTED SP-1464
<p>SLIDING PLATE IS NOT IN CONTACT WITH I-BEAM. ESR 99-00216 A.I. # 25 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION .</p>						

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-217	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	217/T	SLIDING STANCHION		N/A	HBR2-10618/76D	9/2/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 253'	TURB/FEEDWATER PLATFORM TUR2-F16-2' 16-FW-11	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-218	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	218/E	SPRING HANGER		2062	SI-20-H30	9/17/1999
	5379-1484 Sht. 1	F-C	AUX/PIPE ALLEY NEAR PEN.	2118	N/A	C - ACCEPTED
	RHR	F3.10-50	AUX1-X23-7'	VISUAL	86 CODE	SP-1464
	2045	233'	14-AC-9	VT-3		
	LOOSE PIPE CLAMP BOLTING AND A COCKED BOLT. ESR 99-00216 A.I. # 16 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKR1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.					
	218/F-WS	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-61	9/17/1999
	5379-1484 Sht. 1	F-C	AUX/PIPE ALLEY NEAR PEN.	N/A	.500"	C - ACCEPTED
	RHR	F3.10-50	AUX1-X22-7'	VISUAL	86 CODE	SP-1464
	2045	233'	14-AC-9	VT-3		
	NOT ALL ATTACHMENTS ARE SHOWN ON THE DESIGN DRAWING. ESR 99-00216 A.I. # 20 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	218/G	ROD HANGER		N/A	SI-20-6100	9/17/1999
	5379-1484 Sht. 1	F-C	AUX/N PIPE ALLEY W WALL	N/A	N/A	C - ACCEPTED
	RHR	F3.10-50	AUX1-X21-7'	VISUAL	86 CODE	SP-1464
	2045	233'	14-AC-9	VT-3		
	LOCK NUT HAS INADEQUATE THREAD ENGAGEMENT. ESR 99-00216 A.I. # 27 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 99-00416) TO SHOW FIELD CONDITION.					
	218/H	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-60	9/17/1999
	5379-1484 Sht. 1	F-C	AUX/N PIPE ALLEY W WALL	N/A	N/A	A - ACCEPTED
	RHR	F3.10-50	AUX1-X20-7'	VISUAL	86 CODE	SP-1464
	2045	233'	14-AC-9	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-218	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	218/I	ROD HANGER		N/A	SI-20-H31	9/17/1999
	5379-1484 Sht. 1	F-C	AUX/N PIPE ALLEY W WALL	N/A	N/A	A - ACCEPTED
	RHR	F3.10-50	AUX1-X19-7'	VISUAL	86 CODE	SP-1464
	2045	233'	14-AC-9	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-220	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	220/E1	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-2630	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 222'	AUX/A RHR PMP E WALL RHR PUMP PIT 10-AC-2	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	220/F	TRAPEEZE W/CRUSH SADDLE & U-BOLT		N/A	SI-20-7600	8/30/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 228'	AUX/A RHR PMP E WALL RHR PUMP PIT 10-AC-2	N/A VISUAL VT-3	.200" 86 CODE	A - ACCEPTED SP-1464

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter	Building Location	Exam Credit Exam Method	Procedure % CRV
CPL-220	System System # Line # Comments	Category Item #	Pipe Sch Nom "T"	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	220/38	PIPE TO ELBOW		AUX	86 CODE	SP-1453/SP-1455
	5379-1484 Sht. 1 RHR 2045 AC-10	2 C-F-1 C5.11	14" STD 0.375"	RHR PUMP "A" 207' CPL-35	SUR/VOL PT/UT N/A	82.5% 9/1/1999 *A - ACCEPTED
	220/38LS	LONGSEAM US/DS		AUX	86 CODE	SP-1453/SP-1455
	5379-1484 Sht. 1 RHR 2045 AC-10	2 C-F-1 C5.12	14" STD 0.375"	RHR PUMP "A" 207' CPL-35	SUR/VOL PT/UT N/A	100% 9/1/1999 A - ACCEPTED

* This weld will be part of the roll-up relief request for examinations whose code required volume is equal to or less than 90% at the end of the third interval.

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-220A	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	220A/M-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-SI-20-205	8/31/1999
	5379-1484 Sht. 1	F-C	AUX/RHR PUMP PIT	N/A	.500"	A - ACCEPTED
	RHR	F3.10-50	RHR PUMP PIT	VISUAL	86 CODE	SP-1464
	2045	223'	10-AC-1	VT-3		
	220A/N	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-204	8/31/1999
	5379-1484 Sht. 1	F-C	AUX/B RHR PUMP PIT	N/A	N/A	A - ACCEPTED
	RHR	F3.10-50	RHR PUMP PIT	VISUAL	86 CODE	SP-1464
	2045	226'	10-AC-1	VT-3		
	220A/O-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-SI-20-2310	9/14/1999
	5379-1484 Sht. 1	F-C	AUX/RHR PIT BETWEEN PUMPS	N/A	.625"	A - ACCEPTED
	RHR	F3.10-50	RHR PUMP PIT	VISUAL	86 CODE	SP-1464
	2045	218'	14-AC-11	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-221	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure

221/HH		ROD HANGER		N/A	SI-20-35	9/13/1999
5379-1484 Sht. 1		F-C	AUX/PIPE ALLEY NEAR PEN 17	N/A	N/A	C - ACCEPTED
RHR		F3.10-50	AUX1-W21-15'	VISUAL	86 CODE	SP-1464
2045		241'	12-AC-8	VT-3		

BOLTING NOT SHOWN ON THE DESIGN DRAWING. ESR 99-00216 A.I. # 26 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-221A	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	221A/N	ROD HANGER		N/A	SI-20-6033	9/3/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W13-8' 10-AC-1	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	221A/Q	CLOSED BOX RESTRAINT		N/A	AR-CAR-SI-20-1	9/3/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W16-8' 10-AC-1	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	221A/R	ROD HANGER		N/A	SI-20-6030	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W16-8' 10-AC-1	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
INADEQUATE THREAD ENGAGEMENT IDENTIFIED. ESR 99-00216 A.I. # 4 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKP1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION BY REPLACING THE BOLTING.						
	221A/R1	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-186	9/14/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W18-8' 10-AC-1	N/A VISUAL VT-3	.880" 86 CODE	C - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-221A	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	221A/S-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-SI-186	9/13/1999
	5379-1484 Sht. 1	F-C	AUX/PIPE ALLEY	N/A	.750"	C - ACCEPTED
	RHR	F3.10-50	AUX1-W18-8'	VISUAL	86 CODE	SP-1464
	2045	233'	10-AC-1	VT-3		
INTEGRAL ATTACHMENTS DO NOT MATCH DESIGN DRAWING. ESR 99-00216 A.I. # 15 - WRITTEN TO ADDRESS DRAWING DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION. WR/JO 99 ADEL1 WAS WRITTEN TO REMOVE THE ARC STRIKES IDENTIFIED BY THE EXAMINER.						
	221A/U	STRUT		N/A	SI-20-1181	8/31/1999
	5379-1484 Sht. 1	F-C	AUX/PIPE ALLEY	N/A	N/A	A - ACCEPTED
	RHR	F3.10-50	AUX1-W19-12'	VISUAL	86 CODE	SP-1464
	2045	233'	10-AC-1	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-221B	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	221B/F	SPRING CAN HANGER		1295	SI-20-490	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 243'	AUX/RHR HTX ROOM AUX1-U23-17' 10-AC-2	1126 VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	221B/G-WS	SPRING CAN HANGER		3545	SI-20-445	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 243'	AUX/RHR HTX ROOM AUX1-U24-17' 10-AC-2	3053 VISUAL VT-3	.450" 86 CODE	A - ACCEPTED SP-1464
	221B/I-WS	SPRING CAN HANGER		3337	SI-20-140	9/13/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 241'	AUX/RHR HTX ROOM AUX1-U23-15' 10-AC-6	2947 VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
INADEQUATE THREAD ENGAGEMENT, MISSING BOLT. ESR 99-00216 A.I. # 7 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.						
	221B/J-WS	WELDED BOX RESTRAINT		N/A	SI-20-1144	9/10/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 241'	AUX/RHR HTX ROOM AUX1-V23-15' 10-AC-6	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-222	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	222/E	CLOSED BOX RESTRAINT W/STRUT		N/A	SI-20A-84/1	8/31/1999
	5379-1082 Sht. 2	F-C	AUX/PIPE ALLEY	N/A	N/A	C - ACCEPTED
	SI	F3.10-50	AUX1-V20-10'	VISUAL	86 CODE	SP-1464
	2080	236'	6-SI-84	VT-3		
	THIN COAT OF PAINT IDENTIFIED ON SPHERICAL BEARING. ESR 99-00216 A.I. # 2 - WRITTEN TO ADDRESS DISCREPANCY - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADRJ1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.					
	222/F	ROD HANGER		N/A	SI-20A-1185	8/31/1999
	5379-1082 Sht. 2	F-C	AUX/PIPE ALLEY	N/A	N/A	A - ACCEPTED
	SI	F3.10-50	AUX1-V20-10'	VISUAL	86 CODE	SP-1464
	2080	236'	6-SI-84	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-222B	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	222B/H	ROD & U-BOLT RESTRAINT		N/A	SI-20-6013	9/10/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 239'	AUX/PIPE ALLEY AUX1-W14-13' 10-SI-15	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	DESIGN DRAWING DOES NOT MATCH FIELD. ESR 99-00216 A.I. # 24 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	222B/K	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-100	9/10/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 235'	AUX/PIPE ALLEY AUX1-X9-10' 10-SI-15	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-229	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	229/C	ROD HANGER		N/A	SK-1017-C-1036	8/30/1999
	5379-1082 Sht. 5	F-C	AUX/A RHR PUMP PIT	N/A	N/A	A - ACCEPTED
	SI	F3.10-50	RHR PUMP PIT A	VISUAL	86 CODE	SP-1464
	2080	212'	14-SI-44	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-230	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	230/G	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-10	9/10/1999
	5379-1082 Sht. 2	F-C	AUX/PIPE ALLEY	N/A	N/A	A - ACCEPTED
	SI	F3.10-50	AUX-1X9-2'	VISUAL	86 CODE	SP-1464
	2080	227'	14-SI-1	VT-3		
	230/I	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-1007	9/10/1999
	5379-1082 Sht. 2	F-C	AUX/SI PMP RM W OF C PMP	N/A	N/A	C - ACCEPTED
	SI	F3.10-50	AUX1-X7-2'	VISUAL	86 CODE	SP-1464
	2080	227'	16-SI-4	VT-3		
	INADEQUATE THREAD ENGAGEMENT. ESR 99-00216 A.I. # 8 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	230/J-WS	WELDED SADDLE W/U-BOLT		N/A	AB-CAR-SI-20-1006	9/10/1999
	5379-1082 Sht. 2	F-C	AUX/SI PMP RM NW CORNER	N/A	.200"	A - ACCEPTED
	SI	F3.10-50	AUX1-X6-2'	VISUAL	86 CODE	SP-1464
	2080	227'	16-SI-3	VT-3		

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-231	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	231/C	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-20-71	9/9/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 227'	AUX/SI PMP RM BY B PMP AUX1-U8-1 12-SI-2	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	231/E	PEDESTAL SUPPORT		N/A	SI-20-1074	9/9/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 227'	AUX/SI PMP RM AUX1-S8-1' 8-SI-29	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-232	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	232/D-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-SI-9-1017	8/30/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 237'	AUX/SI PMP RM S WALL ABOVE CS AUX1-T8-11' 6-SI-41	N/A VISUAL VT-3	1.000" 86 CODE	C - ACCEPTED SP-1464
	INTEGRAL ATTACHMENTS DO NOT MATCH DESIGN DRAWING. ESR 99-00216 A.I. # 13 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED TO SHOW FIELD CONDITION.					
	232/S	I-BEAM SUPPORT		N/A	HBR2-10618/94E	8/30/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X16-13' 6-SI-41	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	DESIGN DRAWING DOES NOT MATCH FIELD. ESR 99-00216 A.I. # 22 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	232/T	I-BEAM SUPPORT		N/A	HBR2-10618/94F	8/30/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X17-13' 6-SI-41	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	DESIGN DRAWING DOES NOT MATCH FIELD. ESR 99-00216 A.I. # 23 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-232	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	232/V	U-BOLT RESTRAINT		N/A	AB-CAR-SI-9-41/4	8/30/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X17-13' 6-SI-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	232/W	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-9-1039	8/30/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X18-13' 6-SI-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	232/X-WS	U-BOLT W/CRUSH SADDLE		N/A	HBR2-10618/94G	9/3/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X19-13' 6-SI-41	N/A VISUAL VT-3	.200" 86 CODE	A - ACCEPTED SP-1464
	232/Z-WS	U-BOLT W/CRUSH SADDLE		N/A	HBR2-10618/94H	9/3/99
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 239'	AUX/N PIPE ALLEY W WALL AUX1-X21-13' 6-SI-41	N/A VISUAL VT-3	.200" 86 CODE	C - ACCEPTED SP-1464
<p>LOOSE NUT IDENTIFIED ON THREADED ROD. ESR 99-00216 A.I. # 1 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKN1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.</p>						

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter	Building Location	Exam Credit Exam Method	Procedure % CRV
CPL-232	System System #	Category	Pipe Sch Nom "T"	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	Line # Comments	Item #				
	232/*D-WS	INTEGRAL ATTACHMENT > 3/4"		AUX	86 CODE	SP-1453
	5379-1082 Sht. 3	2	6"	CS PUMP ROOM	SUR	N/A
	SI 2080	C-C	N/A	237	PT	8/30/99
	6-SI-41	C3.20	1"	N/A	N/A	A - ACCEPTED

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-233	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	233/J-WS	U/BOLT W/CRUSH SADDLE		N/A	AB-CAR-SI-20A-1240	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 242'	AUX/N PIPE ALLEY E WALL AUX1-W15-16' 6-SI-88	N/A VISUAL VT-3	.200" 86 CODE	A - ACCEPTED SP-1464
	233/L	U-BOLT RESTRAINT		N/A	AB-CAR-SI-20A-1237	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 242'	AUX/N PIPE ALLEY E WALL AUX1-W19-16' 6-SI-88	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	233/M	CLOSED BOX RESTRAINT W/PIPE CLAMP		N/A	AB-CAR-SI-20A-1232	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 235'	AUX/N PIPE ALLEY E WALL AUX1-W19-10' 6-SI-88	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	233/N	STRUT		N/A	SI-20A-1346	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 234'	AUX/N PIPE ALLEY E WALL AUX1-W19-8' 6-SI-88	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	233/O-WS	SPRING HANGER W/CRUSH SADDLE		510	SI-20-927	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 233'	AUX/SI PMP ROOM AUX1-W8-10' 6-SI-93	508 VISUAL VT-3	.180" 86 CODE	A - ACCEPTED SP-1464
	233/P	DUAL STRUT		N/A	SI-20A-85/1	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 233'	AUX/N PIPE ALLEY E WALL AUX1-W20-7' 6-SI-89	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-234	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	234/E-WS	CLOSED WELDED BOX RESTRAINT		N/A	AB-CAR-SI-10-18	9/8/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 237'	AUX/SI PMP RM SW CORNER AUX1-V8-11' 6-SI-34	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
<p>INTEGRAL ATTACHMENTS DO NOT MATCH DESIGN DRAWING. ESR 99-00216 A.I. # 14 - WRITTEN TO ADDRESS DRAWING DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION. EXAMINER IDENTIFIED ARC STRIKES DURING THE INSPECTION. WR/JO ADDW1 WAS INITIATED TO REMOVE THE ARC STRIKES.</p>						
	234/H	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-10-22	8/31/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 237'	AUX/SI PMP RM SW CORNER AUX1-V8-11' 6-SI-34	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-234A	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	234A/H	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-10-32	8/31/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 228'	AUX/N PIPE ALLEY E WALL AUX1-W9-2' 6-SI-34	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	234A/P-WS	U-BOLT RESTRAINT W/CRUSH SADDLE		N/A	HBR2-10618/98E	8/31/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 238'	AUX/N PIPE ALLEY AUX1-W20-13' 6-SI-34	N/A VISUAL VT-3	.150" 86 CODE	A - ACCEPTED SP-1464
	234A/R	CLOSED BOX RESTRAINT		N/A	MOD-CAR-SI-10-46	8/31/1999
	5379-1082 Sht. 3 SI 2080	F-C F3.10-50 228'	AUX/N PIPE ALLEY AUX1-W20-2' 6-SI-34	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-238	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	238/A-WS-1	WELDED STANCHION		N/A	HBR2-10618/104	8/25/1999
	5379-685 Sht. 2 CVCS 2060	F-A F1.10-40 228'	AUX/CHRG PMP ROOM AUX1-R25-3 CHG-PMP-A-D	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter	Building Location	Exam Credit Exam Method	Procedure % CRV
CPL-238	System System # Line # Comments	Category Item #	Pipe Sch Nom "T"	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	238/01A	HEAD TO HEAD		AUX	86 CODE	SP-1455
	5379-685 Sht. 2 CVCS 2060 CHG-PMP-A-DMP	2 C-A C1.10	14" N/A 1.25"	AUX1-R25-0 228 CPL-36	VOL UT N/A	100% 8/27/1999 A - ACCEPTED

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-239	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	239/AA-WS	PEN 43 ANCHOR		N/A	AB-CAR-SW-4-1	9/17/1999
	5379-1082 Sht. 4 SI 2080	F-C F3.10-50 246'	AUX/PIPE PEN AREA CTMT PEN 43 3-SI-14	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	239/T-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-SI-4-20	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 241'	AUX/N PIPE ALLEY W WALL PIPE ALLEY 3-SI-14	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	WR/JO 98 ADIC1 WAS WRITTEN TO REMOVE ARC STRIKES IDENTIFIED DURING THE VT-3 EXAMINATION.					
	239/U	U-BOLT RESTRAINT		N/A	AB-CAR-SI-4-N-41	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 241'	AUX/N PIPE ALLEY W WALL PIPE ALLEY 3-SI-14	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	239/V	U-BOLT RESTRAINT		N/A	AB-CAR-SI-4-N-42	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 241'	AUX/N PIPE ALLEY W WALL PIPE ALLEY 3-SI-14	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	LOOSE NUT ON U-BOLT CLAMP. ESR 99-00216 A.I. # 17 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-239	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	239/W	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-4-17	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 241'	AUX/N PIPE ALLEY W WALL PIPE ALLEY 3-SI-14	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-241	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	241/Q	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-4-136	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/N PIPE ALLEY	N/A	N/A	A - ACCEPTED
	SI	F3.10-50	PIPE ALLEY	VISUAL	86 CODE	SP-1464
	2080	235'	4-SI-110	VT-3		
	241/R	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-4-141	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/BIT ROOM	N/A	N/A	A - ACCEPTED
	SI	F3.10-50	BIT ROOM	VISUAL	86 CODE	SP-1464
	2080	238'	4-SI-110	VT-3		
	241/S	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-4-148	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/BIT ROOM	N/A	N/A	C - ACCEPTED
	SI	F3.10-50	BIT ROOM	VISUAL	86 CODE	SP-1464
	2080	230'	4-SI-110	VT-3		
	MISSING CONCRETE ON WALL. ESR 99-00216 A.I. # 18 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS, DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	241/T	ANGLE IRON SUPPORT		N/A	HBR2-10618/107B	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/BIT ROOM	N/A	N/A	C - ACCEPTED
	SI	F3.10-50	BIT ROOM	VISUAL	86 CODE	SP-1464
	2080	231'	4-SI-110	VT-3		
	NOT ALL ATTACHMENTS ARE SHOWN ON THE DESIGN DRAWING. ESR 99-00216 A.I. # 19 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-241	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	241/U	CLOSED BOX RESTRAINT		0	AB-CAR-SI-4-151	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/BIT ROOM	0	N/A	C - ACCEPTED
	SI	F3.10-50	BIT ROOM	VISUAL	86 CODE	SP-1464
	2080	230'	4-SI-110	VT-3		
	COCKED STUD ON BASE PLATE. ESR 99-00216 A.I. # 21 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	241/V	CLOSED BOX RESTRAINT		0	AB-CAR-SI-4-152	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/BIT ROOM	0	N/A	C - ACCEPTED
	SI	F3.10-50	BIT ROOM	VISUAL	86 CODE	SP-1464
	2080	229'	4-SI-110	VT-3		
	GAP BETWEEN BASE PLATE AND WALL. ESR 99-00216 A.I. # 28 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKS1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-242	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	242/E	U-BOLT RESTRAINT		N/A	AB-CAR-SI-4-141	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 240'	AUX/BIT ROOM BIT ROOM 4-SI-16	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	242/F	CLOSED BOX RESTRAINT		N/A	AB-CAR-SI-5-10	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 240'	AUX/BIT ROOM BIT ROOM 4-SI-16	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-244	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	244/E	ROD HANGER		N/A	HBR2-10618/110A	9/17/1999
	5379-1082 Sht. 1	F-C	AUX/PIPE ALLEY PEN AREA	N/A	N/A	C - ACCEPTED
	SI	F3.10-50	PIPE ALLEY	VISUAL	86 CODE	SP-1464
	2080	246'	2-SI-65	VT-3		
<p>NUT ON THREADED ROD IS 8" BELOW THE ANGLE IRON AND NOT DOUBLE NUTTED AS SHOWN ON DRAWING. ESR 99-00216 A.I. # 29 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKT1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION AND DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW CORRECT NUT CONFIGURATION.</p>						

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-311	System System # Comments	Item # Elevation	Line #	Exam Required Exam Type	Exam Credit	Procedure
	311/*A-WS-A	INTEGRAL ATTACHMENT		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	D-A D1.20-60	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464
	311/*A-WS-B	INTEGRAL ATTACHMENT		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	D-A D1.20-60	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464
	311/*A-WS-C	INTEGRAL ATTACHMENT		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	D-A D1.20-60	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464
	311/*A-WS-D	INTEGRAL ATTACHMENT		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	D-A D1.20-60	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464
	311/A-WS-A	BORIC ACID STORAGE TANK "A"		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	F-B F2.10-40	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-311	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	311/A-WS-B	BORIC ACID STORAGE TANK "A"		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	F-B F2.10-40	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	C - ACCEPTED SP-1464
	INADEQUATE THREAD ENGAGEMENT AND COCKED ANCHOR BOLT. ESR 99-00216 A.I. # 6 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	311/A-WS-C	BORIC ACID STORAGE TANK "A"		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	F-B F2.10-40	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464
	311/A-WS-D	BORIC ACID STORAGE TANK "A"		N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS 2060	F-B F2.10-40	AUX/BA STORAGE TANK ROOM AUX1-P28-1 BA-STOR-TK-A	N/A VISUAL VT-3	.190" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-313	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	313/*X-WS	INTEGRAL ATTACHMENT		N/A	MOD-CAR-SW-1-A	9/10/1999
	G-190199 Sht. 10 SW 4060	D-B D2.20-60 228'	AUX/CCW HTX ROOM AUX1-O33-3' 6-CW-93	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	313/F	PEDESTAL SUPPORT		N/A	AB-CAR-SW-1-H1	8/26/1999
	G-190199 Sht. 10 SW 4060	F-C F3.10-50 228'	AUX/CCW HTX ROOM AUX1-O33-3' 6-CW-93	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	313/N1	BOX RESTRAINT W/PIPE SADDLE		N/A	SW-H-7	9/9/1999
	G-190199 Sht. 2 SW 4060	F-C F3.10-50 220'	YARD/SW INTAKE STRUCTURE INTAKE STRUCTURE 30-CW-12A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	313/X-WS	WELDED BOX RESTRAINT		N/A	MOD-CAR-SW-1-A	9/10/1999
	G-190197 Sht. 4 SW 4060	F-C F3.10-50 228'	AUX/CCW HTX ROOM AUX1-O33-3' 6-CW-93	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-314	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	314/C1-WS	STRUT		N/A	SW-2-1318	8/26/1999
	G-190199 Sht. 9 SW 4060	F-C F3.10-50 232'	AUX/CCW HTX ROOM AUX1-P30-2' 20-CW-13	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	314/F	I-BEAM SUPPORT		N/A	AB-CAR-SW-10/H7	8/26/1999
	G-190199 Sht. 9 SW 4060	F-C F3.10-50 241'	AUX/BEHIND SWBP A AUX1-O26-15' 24-CW-12A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	314/G	CLOSED BOX RESTRAINT		N/A	AB-CAR-SW-2-H2	8/26/1999
	G-190199 Sht. 9 SW 4060	F-C F3.10-50 241'	AUX/SW BOOSTER PMP AREA AUX1-O24-15' 24-CW-12B	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	314/H	CLOSED BOX RESTRAINT		N/A	686-C-1007	8/26/1999
	G-190199 Sht. 9 SW 4060	F-C F3.10-50 241'	AUX/CCW HTX ROOM AUX1-O28-15' 24-CW-12A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	314/I-WS	WELDED BOX RESTRAINT		N/A	SW-2-1116	8/26/1999
	G-190199 Sht. 9 SW 4060	F-C F3.10-50 241'	AUX/SW BOOSTER PMP AREA AUX1-O27-15' 24-CW-12A	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-315	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	315/H-WS	WELDED BOX RESTRAINT		N/A	SW-3-1870	8/26/1999
	G-190199 Sht. 7 SW 4060	F-C F3.10-50 230'	AUX/ABOVE SWBP A AUX BUILDING HALLWAY 12-CW-163	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	315/J	CLOSED BOX RESTRAINT		N/A	SW-3-1863	8/26/1999
	G-190199 Sht. 7 SW 4060	F-C F3.10-50 230'	AUX/ABOVE SWBP A AUB BUILDING HALLWAY 12-CW-163	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-324D	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	324D/CC-22	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/2	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/ABOVE CHR G PMP A CHARGING PUMP ROOM 6-CW-22	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/CC-24	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/2	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/ABOVE CHR G PMP A CHARGING PUMP ROOM 6-CW-24	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/CC-40	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/2	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/ABOVE CHR G PMP A CHARGING PUMP ROOM 6-CW-40	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/CC-41	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/2	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/ABOVE CHR G PMP A CHARGING PUMP ROOM 6-CW-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/DD-22	CLOSED BOX RESTRAINT GANG HANGER		N/A	SW-4-1121	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/CHRG PMP ROOM CHARGING PUMP ROOM 6-CW-22	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/DD-24	CLOSED BOX RESTRAINT GANG HANGER		N/A	SW-4-1121	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/CHRG PMP ROOM CHARGING PUMP ROOM 6-CW-24	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-324D	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	324D/DD-40	U-BOLT GANG HANGER RESTRAINT		N/	SW-4-1121	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/CHRG PMP ROOM CHARGING PUMP ROOM 6-CW-40	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/DD-41	U-BOLT GANG HANGER RESTRAINT		N/A	SW-4-1121	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 239'	AUX/CHRG PMP ROOM CHARGING PUMP ROOM 6-CW-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCPETED SP-1464
	324D/EE-22	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/1	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX/CHRG PMP ROOM AUX BUILDING HALLWAY 6-CW-40	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/EE-24	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/1	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX/CHRG PMP ROOM AUX BUILDING HALLWAY 6-CW-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/EE-40	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/1	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX/CHRG PMP ROOM AUX BUILDING HALLWAY 6-CW-40	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/EE-41	U-BOLT GANG HANGER RESTRAINT		N/A	AB-CAR-SW-4-40/1	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX/CHRG PMP ROOM AUX BUILDING HALLWAY 6-CW-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-324D	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	324D/FF-22	GANG HANGER RESTRAINT		N/A	SW-4-H9	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX AUX BUILDING HALLWAY 6-CW-22	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/FF-24	GANG HANGER RESTRAINT		N/A	SW-4-H9	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX AUX BUILDING HALLWAY 6-CW-24	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/FF-40	GANG HANGER RESTRAINT		N/A	SW-4-H9	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX AUX BUILDING HALLWAY 6-CW-40	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	324D/FF-41	GANG HANGER RESTRAINT		N/A	SW-4-H9	8/26/1999
	G-190199 Sht. 4 SW 4060	F-C F3.10-50 237'	AUX AUX BUILDING HALLWAY 6-CW-41	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-325	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	325/BB	ANGLE IRON SUPPORT		N/A	MOD-CAR-AC-2-80/1A	9/13/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 237'	AUX/CHRG PMP RM N WALL CHRG PMP RM NORTH WALL 14-AC-80A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	325/EE-WS	CLOSED BOX RESTRAINT		N/A	AB-CAR-AC-2-28/1	8/26/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 240'	AUX/RHR HTX RM E WALL RHR HTX RM EAST WALL 16-AC-28	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	325/R	TRAPEEZE ROD HANGER		N/A	HBR2-10618/139D	9/13/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 236'	AUX/CHRG PMP ROOM AUX1-T25-12' 24-AC-26	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	325/R1	OPEN BOX RESTRAINT		N/A	AB-CAR-AC-2-56	9/13/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 239'	AUX/OUTSIDE CHRG PMP RM E WAL AUX1-T25-12' 24-AC-26	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	325/S	CLOSED BOX RESTRAINT		N/A	AB-CAR-AC-2-80/2A	9/13/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 237'	AUX/CHRG PMP RM W WALL AUX1-T24-12' 24-AC-26	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-325	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	325/U 5379-376 Sht. 2 CCW 4080	TRAPEEZE ROD HANGER F-C F3.10-50 233'	AUX/CHRG PMP ROOM AUX1-T23-16' 16-AC-28	N/A N/A VISUAL VT-3	HRB2-10618/139E N/A 86 CODE	8/26/1999 A - ACCEPTED SP-1464
	325/V 5379-376 Sht. 2 CCW 4080	PEDESTAL SUPPORT F-C F3.10-50 240'	AUX/RHR HTX ROOM AUX1T2316 16-AC-28	N/A N/A VISUAL VT-3	HBR2-10618/139F N/A 86 CODE	8/26/1999 A -ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-326	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	326/*G-WS	INTEGRAL ATTACHMENT		N/A	AB-CAR-AC-3-14/N3	9/9/1999
	5379-376 Sht. 1 CCW 4080	D-A D1.20-60 234'	AUX/OUTSIDE SAMPLE SNK W WALL RAB HALLWAY 24-AC-14	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	326/*J-WS	INTEGRAL ATTACHMENT		N/A	HBR2-10618/140D	8/25/1999
	5379-376 Sht. 1 CCW 4080	D-A D1.20-60 228'	AUX/CCW PMP A CCW PUMP ROOM 16-AC-17	N/A VISUAL VT-3	.270" 86 CODE	A - ACCEPTED SP-1464
	WR/JO 99 ACZU1 WAS WRITTEN TO REMOVE THE ARC STRIKES IDENTIFIED BY THE EXAMINER.					
	326/*P-WS	INTEGRAL ATTACHMENT		N/A	AB-CAR-AC-3-1175	9/13/1999
	5379-376 Sht. 1 CCW 4080	D-A D1.20-60 234'	AUX/ABOVE CCW PUMP A CCW PUMP ROOM 16-AC-17	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464
	326/G-WS	WELDED SLIDING RESTRAINT		N/A	AB-CAR-AC-3-14/N3	9/9/1999
	5379-376 Sht. 1 CCW 4080	F-C F3.10-50 234'	AUX/OUTSIDE SAMPLE SNK W WALL RAB HALLWAY 24-AC-14	N/A VISUAL VT-3	.500" 86 CODE	C - ACCEPTED SP-1464
	INADEQUATE THREAD ENGAGEMENT. ESR 99-00216 A.I. # 11 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-326	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	326/I	PIPE SUPPORT		N/A	AB-CAR-AC-3-1175	9/9/1999
	5379-376 Sht. 1 CCW 4080	F-C F3.10-50 234'	AUX/CCW ROOM WEST WALL CCW PUMP ROOM 16-AC-17	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464
	326/J-WS	WELDED STANCHION		N/A	HBR2-10618/140D	8/25/1999
	5379-376 Sht. 1 CCW 4080	F-C F3.10-50 228'	AUX/CCW PMP A CCW PUMP ROOM 16-AC-17	N/A VISUAL VT-3	.270" 86 CODE	A - ACCEPTED SP-1464
	WR/JO 99 ACZU1 WAS WRITTEN TO REMOVE THE ARC STRIKES IDENTIFIED BY THE EXAMINER.					
	326/P-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-AC-3-1175	9/13/1999
	5379-376 Sht. 1 CCW 4080	F-C F3.10-50 234'	AUX/ABOVE CCW PUMP A CCW PUMP ROOM 16-AC-17	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-327	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	327/J	PIPE CLAMP BOX RESTRAINT		N/A	AB-CAR-AC-5-H9	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 244'	AUX/SEAL WATER HTX ROOM AUX1-S21-19' 8-AC-54	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	327/L	ROD HANGER		N/A	HBR2-10618/141E	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 255'	AUX/SEAL WATER HTX ROOM AUX2-F22-9' 6-AC-47	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	DESIGN DRAWING SHOWS A PIPE CLAMP AND ACTUAL CONFIGURATION IS A CLEVIS CLAMP. ESR 99-00216 A.I. # 30 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					
	327/M	PIPE CLAMP BOX RESTRAINT		N/A	AB-CAR-AC-5-47/1	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 255'	AUX/NON-REGEN HTX ROOM AUX2-F22-9' 6-AC-47	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	327/N	ROD HANGER		N/A	HBR2-10618/141F	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 255'	AUX/NON-REGEN HTX ROOM NON-REGEN HX ROOM 6-AC-47	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	DESIGN DRAWING SHOWS A PIPE CLAMP AND FEILD HAS A CLEVIS CLAMP. ESR 99-00216 A.I. # 31 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.					

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-327	System	Item #	Location	Exam Required	Exam Credit	Procedure
	System #	Elevation	Line #	Exam Type		
	Comments					

327/U		CLOSED BOX RESTRAINT W/TRAPEEZE HANGER		N/A	AB-CAR-AC-5-54/2	9/9/1999
5379-376 Sht. 2	F-C	AUX/SEAL WATER HTX ROOM		N/A	N/A	C - ACCEPTED
CCW	F3.10-50	AUX2-G21-1'		VISUAL	86 CODE	SP-1464
4080	246'	8-AC-54		VT-3		

INADEQUATE THREAD ENGAGEMENT, BENT AND MISALIGNED BOLT. ESR 99-00216 A.I. # 10 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-328	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	328/EE	PIPE CLAMP BOX RESTRAINT		N/A	AB-CAR-AC-4-48/3	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 253'	AUX/NON-REGEN HTX ROOM AUX2-E21-7' 6-AC-48	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	328/FF	CLOSED BOX RESTRAINT		N/A	AB-CAR-AC-4-48/4	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 250'	AUX/NON-REGEN HTX ROOM AUX2-E21-5' 6-AC-48	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	328/S	CLOSED BOX RESTRAINT		N/A	AB-CAR-AC-5-80/2B	9/10/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 234'	AUX/RHR HTX ROOM AUX1-U19-8' 14-AC-78	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	328/T	DUAL ROD HANGER		N/A	HBR2-10618/141C	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 234'	AUX/AUX BLDG HALLWAY/PIPE ALY AUX1-U20-8' 14-AC-78	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
<p>LOOSE NUTS IDENTIFIED ON CLEVIS CLAMP. ESR 99-00216 A.I. # 5 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADKQ1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.</p>						

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-328	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	328/U	ROD HANGER		N/A	HBR2-10618/142E	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 234'	AUX/PIPE ALLEY ENTRY WAY AUX1-U21-8' 14-AC-78	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	328/W	DUAL ROD PIPE CLAMP HANGER		N/A	HBR2-10618/142F	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 249'	AUX/NON-REGEN HTX ROOM AUX2-E22-3' 6-AC-48	N/A VISUAL VT-3	1.000" 86 CODE	C - ACCEPTED SP-1464
DESIGN DRAWING SHOWS A PIPE CLAMP WITH INTEGRAL ATTACHMENTS AND ACTUAL CONFIGURATION HAS NO INTEGRAL ATTACHMENTS. ESR 99-00216 A.I. # 32 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.						
	328/X	CLOSED BOX RESTRAINT		N/A	AB-CAR-AC-4-H13	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 253'	AUX/NON-REGEN HTX ROOM AUX2-E21-7' 6-AC-48	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-329	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	329/G	I-BEAM SUPPORT		N/A	HBR2-10618/143A	9/13/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 239'	AUX/PIPE ALLEY PEN AREA AUX1W2413 6-AC-38	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
<p>LOOSE NUTS ON TURNBUCKLE AND BASE PLATE. ESR 99-00216 A.I. # 9 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADQF1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.</p>						

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-330	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	330/B-WS	OPEN BOX RESTRAINT W/CRUSH SADDLE		N/A	AC-14-125	8/31/1999
	5379-1485 Sht. 1 CCW 4080	F-C F3.10-50 233'	AUX/PIPE ALLEY PIPE ALLEY 8-AC-60	N/A VISUAL VT-3	.150" 86 CODE	A - ACCEPTED SP-1464
	330/J	CLOSED BOX RESTRAINT		N/A	AC-16-60	8/23/1999
	5379-1485 Sht. 1 CCW 4080	F-C F3.10-50 242'	AUX/FUEL HANDLING BLDG FUEL HANDLING BUILDING AC-58A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	330/L	OPEN BOX RESTRAINT		N/A	AC-14-50	8/23/1999
	5379-1485 Sht. 1 CCW 4080	F-C F3.10-50 245'	AUX/FUEL HANDLING BLDG FUEL HANDLING BUILDING 8-AC-60A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	330/M	CLOSED BOX RESTRAINT		N/A	AC-14-40	8/23/1999
	5379-1485 Sht. 1 CCW 4080	F-C F3.10-50 245'	AUX/FUEL HANDLING BLDG FUEL HANDLING BUILDING 8-AC-60A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	330/N	OPEN BOX RESTRAINT		N/A	AC-14-30	8/23/1999
	5379-1485 Sht. 1 CCW 4080	F-C F3.10-50 243'	AUX/FUEL HANDLING BLDG FUEL HANDLING BUILDING 8-AC-60A	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-331	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	331/*K-WS G-190197 Sht. 4 AFW 3065	INTEGRAL ATTACHMENTS D-B D2.20-60 234'	TURB/SDAFW PUMP ROOM SD AFW TURB 6-FW-18	N/A N/A VISUAL VT-3	AB-CAR-FW-1-205 1.100" 86 CODE	9/7/1999 A - ACCEPTED SP-1464
	331/I G-190197 Sht. 4 AFW 3065	CLOSED BOX RESTRAINT F-C F3.10-50 234'	TURB/SDAFW PUMP ROOM SD AFW TURB 6-FW-18	N/A N/A VISUAL VT-3	AB-CAR-FW-1-207 N/A 86 CODE	9/7/1999 A - ACCEPTED SP-1464
	331/K-WS G-190197 Sht. 4 AFW 3065	WELDED BOX RESTRAINT F-C F3.10-50 234'	TURB/SDAFW PUMP ROOM SD AFW TURB 6-FW-18	N/A N/A VISUAL VT-3	AB-CAR-FW-1-205 1.100" 86 CODE	9/7/1999 A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-331B	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	331B/*N-WS	INTEGRAL ATTACHMENT		N/A	MOD-CAR-C-1-35/2	9/13/1999
	G-190197 Sht. 4 AFW 3065	D-B D2.20-60 235'	TURB/MD AUX FW PMP RM W WALL MD AUX FEED PUMP ROOM 6-C-35	N/A VISUAL VT-3	1.000" 86 CODE	C - ACCEPTED SP-1464
COCKED ANCHOR BOLT AND INTEGRAL ATTACHMENTS DO NOT MATCH DESIGN DRAWING. ESR 99-00216 A.I. # 12 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED (PER ESR 98-00416) TO SHOW FIELD CONDITION.						
	331B/L	ROD HANGER		N/A	HBR2-10618/147E	9/13/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 235'	AUX/AUX BUILDING HALLWAY AUX BUILDING HALLWAY 6-C-35	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	331B/N-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-C-1-35/2	9/13/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 235'	AUX/MD AUX FW PMP RM W WALL MD AUX FEED PUMP ROOM 6-C-35	N/A VISUAL VT-3	1.000" 86 CODE	C - ACCEPTED SP-1464
COCKED ANCHOR BOLT AND INTEGRAL ATTACHMENTS DO NOT MATCH DESIGN DRAWING. ESR 99-00216 A.I. # 12 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, ACCEPTABLE FOR USE AS IS. DRAWING WILL BE UPDATED TO SHOW FIELD CONDITION.						
	331B/O	CLOSED BOX RESTRAINT		N/A	AB-CAR-C-1-35/1	9/13/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 230'	AUX/MD AUX FW PMP RM W WALL MD AUX FEED PUMP ROOM 6-C-35	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-332	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	332/*E-WS	INTEGRAL ATTACHMENT		N/A	AB-CAR-FW-6A-12	9/7/1999
	G-190197 Sht. 4 FW 3050	D-A D1.20-60 253'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	332/*F-WS	INTEGRAL ATTACHMENT		N/A	HBR2-10618/148A	9/7/1999
	G-190197 Sht. 4 FW 3050	D-A D1.20-60 236'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	N/A VISUAL VT-3	2.000" 86 CODE	A - ACCEPTED SP-1464
	332/*G-WS	INTEGRAL ATTACHMENT		N/A	AB-CAR-FW-6A-19	9/7/1999
	G-190197 Sht. 4 FW 3050	D-A D1.20-60 227'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464
	332/E-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-FW-6A-12	9/7/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 253'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	332/F-WS	DUAL SPRING HANGER		3131	HBR2-10618/148A	9/7/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 237'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	2681 VISUAL VT-3	2.000" 86 CODE	C - ACCEPTED SP-1464
SPRING CAN ON BOTH CANS AT 2400LBS, OUT BY 13LBS. ESR 99-00216 A.I. # 3 - WRITTEN TO ADDRESS DISCREPANCIES - NO OPERABILITY CONCERN, SUPPORT IS FUNCTIONAL, WR/JO 99 ADDU1 WRITTEN TO RESTORE SUPPORT TO DESIGN CONDITION.						

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-332	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	332/G-WS	WELDED BOX RESTRAINT		N/A	AB-CAR-FW-6A-19	9/7/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 227'	TURB/TURB BLDG NW CRNR CL G16 TURBINE BUILDING 16-FW-9	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-334A	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	334A/K G-190197 Sht. 4 FW 3050	CLOSED BOX RESTRAINT F-C F3.10-50 241'	TURB/TURB BLDG NW BELOW MEZZ TURBINE BUILDING 4-FW-34	N/A N/A VISUAL VT-3	AB-CAR-FW-6C-102 N/A 86 CODE	9/7/1999 A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-334B	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	334B/D	SPRING SUPPORT		1814	SK-A-FW-2-6001	9/7/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 227'	TURB/TURB BLDG NW BELOW MEZZ TURBINE BUILDING 4-FW-23	1779 VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	334B/E	OPEN BOX RESTRAINT		N/A	SK-A-FW-2-145	9/7/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 227'	TURB/TURB BLDG NW BELOW MEZZ TURBINE BUILDING 4-FW-22	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-337	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	337/*A	INTEGRAL ATTACHMENT		N/A	HBR2-10618/155	8/31/1999
	5379-1082 Sht. 3 SI 2080	D-B D2.20-60 228'	AUX/CS SPRAY PMP ROOM AUX1-S7 SPRA-PMP-A	N/A VISUAL VT-3	.750" 86 CODE	A - ACCEPTED SP-1464
	337/A	CV SPRAY PUMP "A" SEAL COOLER		N/A	HBR2-10618/155	8/31/1999
	5379-1082 Sht. 3 SI 2080	F-B F2.10-40 228'	AUX/CS SPRAY PMP ROOM AUX1-S7 SPRA-PMP-A	N/A VISUAL VT-3	.750" 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category		Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-339	System System # Comments	Item # Elevation	Location Line #		Exam Required Exam Type	Exam Credit	Procedure
	339/A 5379-1484 Sht. 1 RHR 2045	RHR PUMP "A" SEAL COOLER F-B F2.10-40 228'	AUX/RHR PUMP A RHR PIT PMP-A-SLW-HTX		N/A N/A VISUAL VT-3	HBR2-10618/157 N/A 86 CODE	8/30/1999 A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-340	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	340/A	CHARGING PUMP "A" SEAL COOLER		N/A	HBR2-10618/158	8/25/1999
	5379-685 Sht. 2 CVCS 2060	F-B F2.10-40 228'	AUX/CHARGING PUMP A AUX1-R25-2 CHG-PMP-A-CLR	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room Location	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-343	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	343/*A-WS-1	INTEGRAL ATTACHMENT		N/A	HBR2-10618/161	9/9/1999
	G-190197 Sht. 4 AFW 3065	D-B D2.20-60 228'	TURB/MD AUX FEEDWATER PUMP "A" TUR1-H25-0 AFW-PMP-A	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464
	343/*A-WS-2	INTEGRAL ATTACHMENT		N/A	HBR2-10618/161	9/9/1999
	G-190197 Sht. 4 AFW 3065	D-B D2.20-60 228'	TURB/MD AUX FEEDWATER PUMP "A" TUR1-H25-0 AFW-PMP-A	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464
	343/A-WS-1	MD AUX FEEDWATER PUMP "A"		N/A	HBR2-10618/161	9/9/1999
	G-190197 Sht. 4 AFW 3065	F-B F2.10-40 228'	TURB/MD AUX FEEDWATER PUMP "A" TUR1-H25-0 AFW-PMP-A	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464
	343/A-WS-2	MD AUX FEEDWATER PUMP "A"		N/A	HBR2-10618/161	9/9/1999
	G-190197 Sht. 4 AFW 3065	F-B F2.10-40 228'	TURB/MD AUX FEEDWATER PUMP "A" TUR1-H25-0 AFW-PMP-A	N/A VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED SP-1464

SECTION

3

AUGMENTED EXAMINATIONS

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID		Code Class		Location	Exam Required	% CRV
CPL-215	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
Comments							
	215/79-13-A		S/G "A" NOZZLE TO ELBOW		CV	AUGMENT	SP-1456
	G-190197 Sht. 4		2	18"	REFUELING FLOOR	VOL	N/A
	FW 3050		79-13	100	285	UT	10/10/1999
	16-FW-9		79-13	1.15600"	CPL-54	N/A	A - ACCEPTED
EXAMINED FROM MID POINT OF ELBOW TO REPLACEMENT PUP PIECE (WELD 4A) GEOMETRY RECORDED ON ASME BASELINE EXAMINATION.							

The inspections identified above were performed as a result of IE Bulletin No. 79-13, "CRACKING IN FEEDWATER PIPING", NRC commitment ID 92R0362.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID		Code Class		Location	Exam Required	% CRV
CPL-216	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
Comments							
	216/79-13-B		S/G "B" NOZZLE TO ELBOW		CV	AUGMENT	SP-1456
	G-190197 Sht. 4		2	18"	REFUELING FLOOR	VOL	N/A
	FW 3050		79-13	100	285	UT	10/1/1999
	16-FW-10		79-13	1.15600"	CPL-54	CPL-57	A - ACCEPTED

The inspections identified above were performed as a result of IE Bulletin No. 79-13, "CRACKING IN FEEDWATER PIPING", NRC commitment ID 92R0362.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID		Code Class		Location	Exam Required	% CRV
CPL-217	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
	Comments						
	217/79-13-C		S/G "C" NOZZLE TO ELBOW		CV	AUGMENT	SP-1456
	G-190197 Sht. 4		2	18"	REFUELING FLOOR	VOL	N/A
	FW 3050		79-13	100	285	UT	10/1/1999
	16-FW-11		79-13	1.15600"	CPL-54	CPL-57	A - ACCEPTED

The inspections identified above were performed as a result of IE Bulletin No. 79-13, "CRACKING IN FEEDWATER PIPING", NRC commitment ID 92R0362.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID		Code Class		Location	Exam Required	% CRV
CPL-232	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
Comments							
	232/22		ELBOW TO PIPE		AUX	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "B"	VOL	N/A
	SI 2080		C-F-3	40	231	UT	8/31/1999
	6-SI-41		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED
	232/22LS		LONGSEAM US/DS		AUX	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "B"	VOL	N/A
	SI 2080		C-F-3	40	231	UT	8/31/1999
	6-SI-41		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED

The inspections identified above were performed as a result of the ISI Program submittal which committed to inspect 12 welds on containment spray system over the course of the Third Ten Year Interval.

WELDS

Zone	Component ID		Description Code Class	Diameter	Building Location	Exam Credit Exam Required	Procedure % CRV
	P & ID						
CPL-234	System	System #	Category Item #	Pipe Sch Nom "T"	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	Line #	Comments					
	234/04		PIPE TO 6" TEE		AUX	AUGMENT	SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "A"	VOL	N/A
	SI 2080		C-F-3	40	230	UT	9/8/1999
	6-SI-31		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED
	234/04LS		LONGSEAM US/DS		AUX	AUGMENT	SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "A"	VOL	N/A
	SI 2080		C-F-3	40	230	UT	9/8/1999
	6-SI-31		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED
	234/06		PIPE TO ELBOW		AUX	AUGMENT	SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "A"	VOL	N/A
	SI 2080		C-F-3	40	230	UT	9/8/1999
	6-SI-31		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED
	234/06LS		LONGSEAM US/DS		AUX	AUGMENT	SP-1455
	5379-1082 Sht. 3		2	6"	CS PUMP "A"	VOL	N/A
	SI 2080		C-F-3	40	230	UT	9/8/1999
	6-SI-31		C-F-3	0.28000"	CPL-66	N/A	A - ACCEPTED

The inspections identified above were performed as a result of the ISI Program submittal which committed to inspect 12 welds on containment spray system over the course of the Third Ten Year Interval.

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter	Building Location	Exam Credit Exam Required	Procedure % CRV
CPL-234	System System # Line # Comments	Category Item #	Pipe Sch Nom "T"	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	234/08 5379-1082 Sht. 3 SI 2080 6-SI-31	PIPE TO VALVE SI-880A 2 C-F-3 C-F-3	6" 40 0.28000"	AUX CS PUMP "A" 230 CPL-66	AUGMENT VOL UT N/A	SP-1455 N/A 9/8/1999 A - ACCEPTED
	234/08LS 5379-1082 Sht. 3 SI 2080 6-SI-31	LONGSEAM US/DS 2 C-F-3 C-F-3	6" 40 0.28000"	AUX CS PUMP "A" 230 CPL-66	AUGMENT VOL UT N/A	SP-1455 N/A 9/8/1999 A - ACCEPTED

The inspections identified above were performed as a result of the ISI Program submittal which committed to inspect 12 welds on containment spray system over the course of the Third Ten Year Interval.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID	System #	Code Class	Pipe Sch	Location	Exam Required	% CRV
CPL-248	System	System #	Category	Nom "T"	Component Elev.	Exam Type	Exam Date
	Line #		Item #		Cal Std 1	Cal Std 2	Exam Results
	Comments						
	248/A-1		2" LOWER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-A	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-A		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/A-2		2" LOWER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-A	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-A		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/A-6		1" INLET GAS CONNECTION		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	1"	SI-ACCUM-A	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-A		N/A	N/A	HBR-ACCUM-2	N/A	A- ACCEPTED
	248/A-7		3/4" SAMPLE CONNECTION		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	0.75"	SI-ACCUM-A	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-A		N/A	N/A	HBR-ACCUM-3	N/A	A - ACCEPTED

The inspections identified above were performed as a result of NRC Information Notice No. 91-05, "INTERGRANULAR STRESS CORROSION CRACKING IN PRESSURIZED WATER REACTOR SAFETY INJECTION ACCUMULATOR NOZZLES".

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID	System #	Code Class	Pipe Sch	Location	Exam Required	% CRV
CPL-248	System	System #	Category	Nom "T"	Component Elev.	Exam Type	Exam Date
	Line #		Item #		Cal Std 1	Cal Std 2	Exam Results
	Comments						
	248/B-1		2" LOWER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-B	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-B		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/B-2		2" LOWER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-B	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-B		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/B-3		2" UPPER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-B	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-B		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/B-4		2" UPPER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-B	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-B		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED

The inspections identified above were performed as a result of NRC Information Notice No. 91-05, "INTERGRANULAR STRESS CORROSION CRACKING IN PRESSURIZED WATER REACTOR SAFETY INJECTION ACCUMULATOR NOZZLES".

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID	System #	Code Class	Pipe Sch	Location	Exam Required	% CRV
CPL-248	System	System #	Category	Nom "T"	Component Elev.	Exam Type	Exam Date
	Line #		Item #		Cal Std 1	Cal Std 2	Exam Results
	Comments						
	248/C-1		2" LOWER LEVEL TRANSMITTER		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	2"	SI-ACCUM-C	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-C		N/A	N/A	HBR-ACCUM-1	N/A	A - ACCEPTED
	248/C-7		3/4" SAMPLE CONNECTION		CV	AUGMENT	SP-1453/SP-1455
	5379-1082 Sht. 5		2	0.75"	SI-ACCUM-C	SUR/VOL	N/A
	SI 2080		N/A	N/A	251'	PT/UT	10/4/1999
	SI-ACCUM-C		N/A	0	HBR-ACCUM-3	N/A	A - ACCEPTED

The inspections identified above were performed as a result of NRC Information Notice No. 91-05, "INTERGRANULAR STRESS CORROSION CRACKING IN PRESSURIZED WATER REACTOR SAFETY INJECTION ACCUMULATOR NOZZLES".

SECTION

4

PRE-SERVICE EXAMINATIONS

SUPPORTS

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-212	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	212/M	SPRING CAN HANGER		11364	HBR2-10618/71D	10/15/1999
	G-190197 Sht. 4 AFW 3065	F-C F1.10-50 228'	TURB/MD AUX FEEDWATER PUMP "A" TUR1-H25-0 AFW-PMP-A	10614 VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED NDEP-613
	PERFORMED BASELINE EXAMINATION AFTER THREADED ROD REPLACEMENT.					

The inspections identified above were performed as a result of a threaded rod replacement per WR/JO 98 AGTH1 on spring can hanger CPL-212/M.

WELDS

Zone	Component ID		Description	Diameter	Building	Exam Credit	Procedure
	P & ID ID		Code Class		Location	Exam Method	% CRV
CPL-215	System	System #	Category	Pipe Sch	Component Elev.	Exam Type	Exam Date
	Line #		Item #	Nom "T"	Cal Std 1	Cal Std 2	Exam Results
Comments							
	215/01R		NOZZLE EXTENSION TO 18" X 16"		CV	86 CODE	NDEP-301/SP-1456
	G-190197	Sht. 4	2	18	REFUELING FLOOR	SUR/VOL	100%
	FW	3050	C-F-2	100	285'	MT/UT	10/10/1999
	16-FW-9		C5.51	1.15600	CPL-57	N/A	A - ACCEPTED
	215/02R		PIPE TO 18" x 16" REDUCER		CV	86 CODE	NDEP-301/SP-1456
	G-190197	Sht. 4	2	16	REFUELING FLOOR	SUR/VOL	100%
	FW	3050	C-F-2	100	285'	MT/UT	10/10/1999
	16-FW-9		C5.51	1.03100	CPL-54	N/A	A - ACCEPTED
	215/04A		ELBOW TO PIPE		CV	86 CODE	NDEP-301/SP-1456
	G-190197	Sht. 4	2	16	REFUELING FLOOR	SUR/VOL	100%
	FW	3050	C-F-2	100	285'	MT/UT	10/10/1999
	16-FW-9		C5.51	1.03100	CPL-54	N/A	A - ACCEPTED

The inspections identified above were performed as a result of the replacement of S/G "A" feedwater reducer and spool piece per WR/JO 98 AFXX1.

SECTION

5

SNUBBER EXAMINATIONS AND TESTS

VISUAL EXAMINATION SUMMARY

35 safety related suppressors were visually inspected in the "as-found" condition prior to removal for functional testing or any other type of work performed. An "as-left" inspection was performed on any suppressors that were removed for functional testing or received corrective maintenance.

Suppressor 1-12 - Visual inspection performed with no anomalies.

Suppressor 13 - Visual inspection performed with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 14 - Visual inspection performed with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 15 - Visual inspection performed with no anomalies. Visual inspection was performed before and after suppressor functional testing.

Suppressor 16 - Visual inspection performed with no anomalies.

Suppressor 17 - Visual inspection performed with no anomalies.

Suppressor 18 - Visual inspection performed with no anomalies.

Suppressor 19 - Visual inspection performed with no anomalies.

Suppressor 20 - Visual inspection performed with no anomalies.

Suppressor 21 - Visual inspection performed with no anomalies.

Suppressor 22-Visual inspection performed with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 23 - Visual inspection performed with no anomalies.

Suppressor 24- Visual inspection performed with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 25 - Visual inspection performed with no anomalies.

Suppressor 26 - Visual inspection performed with no anomalies.

Suppressor 27 - Deleted

Suppressor 28 - Visual inspection performed with no anomalies.

Suppressor 29 - Visual inspection performed with no anomalies.

Suppressor 30 - Visual inspection performed with no anomalies. Visual inspection performed before and after functional testing.

Suppressor 31 - Visual inspection with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 32 - Visual inspection with no anomalies. Visual inspection was performed for "as-found" condition on original snubber and "as-left" condition following installation of new snubber.

Suppressor 33 - Visual inspection with no anomalies.

Suppressor 34 - Visual inspection with no anomalies.

Suppressor 35 - Visual inspection performed with no anomalies.

Suppressor 36 - Visual inspection with no anomalies.

The following suppressors were functionally tested per EST-033 during RFO-19. Of these, Steam Generator "B" Suppressor Bank Control Valve, Suppressor 15, Suppressor 22, Suppressor 24, and Suppressor 31 were originally scheduled for functional testing based on the Engineering Surveillance Test (EST) normal selection process

Steam Generator "B" Suppressor Bank Control Valve - results were satisfactory.

Suppressor 13 (Grinnell S/N 30086, As-found) - Suppressor S/N 30086 was functionally tested on 10-4-99. Test results were acceptable. Snubber S/N 30086 was replaced with S/N 34438 from stock. Suppressor 13 (Grinnell S/N 34438, As-left) functionally tested 10-4-99 with acceptable results. Suppressor S/N 34438 was installed in Location 13.

Suppressor 14 (Grinnell S/N 30090, As-found) Suppressor S/N 30090 was functionally tested on 10-4-99. Test results were acceptable. Snubber S/N 30090 was replaced with S/N 30059 from stock. Suppressor 14 (Grinnell S/N 30059, As-left) functionally tested 10-4-99 with acceptable results. Suppressor S/N 30059 was installed in Location 14.

Suppressor 15 (Bergen-Paterson S/N 2500-20-529) Suppressor 15 was functionally tested on 10-4-99 as a normal EST selection with acceptable results.

Suppressor 22 (Grinnell S/N 30077, As-found) was functionally tested on 10-6-99 as a normal EST selection with acceptable results. Serial Number 30077 was replaced with Serial Number 30070 from stock. Suppressor 22 (Grinnell S/N 30070, As-left) was functionally tested, with acceptable results, on 10-6-99 as a replacement for Location 22.

Suppressor 24 (Grinnell S/N 30082, As-found) Suppressor 24 (S/N 30082) was functionally tested on 10-8-99 as a normal EST selection with acceptable results. S/N 30076 was installed as a replacement for Location 24. Suppressor 24 (Grinnell S/N 30076, As-left) Suppressor (S/N 30076, PN 707 697 81, MA0407) tested on 10-8-99 with acceptable results, and installed in Location 24 as a replacement.

Snubber 30 (Grinnell S/N 30088) Suppressor 30 was removed for Flow Accelerated Corrosion Pipe Replacement. Since the snubber was removed for pipe replacement, the Program Coordinator decided to test the unit prior to reinstallation. Snubber 30 was as-found tested 10-4-99 with satisfactory results.

Suppressor 31 (PSA S/N 20170, As-found) Suppressor 31 (S/N 20170) was removed from service and sent to Harris Nuclear Project Department for normal EST selection testing. The suppressor was functionally tested on 9-30-99 with acceptable results. Even though S/N 20170 passed functional testing, the Program Coordinator elected to replace the suppressor due to small deviation between actual results and acceptable limit range. S/N 20170 was replaced with S/N 17849. Suppressor 31 (PSA S/N 17849, As-left) Suppressor 17849 was tested at Harris on 10-5-99 with acceptable results.

Suppressor 32 (PSA S/N 17848, As-found) Suppressor 32 (S/N 17848) was removed from service due to FAC pipe replacement. The Snubber Program Coordinator decided to send the suppressor to Harris Nuclear Project Department for functional testing. The suppressor was functionally tested on 9-30-99 with unacceptable results. The failure of Snubber 32 was evaluated per CR 99-02120. S/N 17848 failed functional testing, and was replaced with S/N 16847, a suppressor transferred from Harris. Suppressor 32 (PSA S/N 16847, As-left) Suppressor 16847 was tested at Harris on 10-5-99 with acceptable results.

FUNCTIONAL TEST SUMMARY

Steam Generator "B" Suppressor Control Valve, Suppressor 15, Suppressor 22, Suppressor 24, and Suppressor 31 were functionally tested during RFO-19 as normal EST selection.

Suppressors 13 and 14 were tested as a result of removal due to scheduled refurbishment by vendor.

Suppressors 30 and 32 were tested due to removal for Flow Accelerated Corrosion pipe replacement.

One suppressor (Suppressor 32, PSA S/N 17848) failed functional testing during RFO-19. The suppressor was replaced with a spare from the Harris Plant. The EST requires an additional testing of 10% of the suppressors of the same type upon test failure. The scope was not expanded, since the additional 10% requirement had already been satisfied by testing Suppressor 31 (normal EST selection) and Suppressor 32 (non normal EST selection/FAC pipe replacement). The plant possesses 5 mechanical suppressors similar to Suppressor 32; therefore, one additional test satisfies the 10% requirement. Also, since the plant has 23 small bore suppressors, the additional testing (non normal EST selection) of Suppressors 13, 14, and 30 exceeded the additional 10% requirement needed to satisfy Suppressor 32 failure in respect to the total small bore population.

Steam Generator "A" Suppressors 1-4 were refurbished during RFO-19 and "as-left" functional testing was performed following refurbishment.

Suppressor 32 will be functional tested during RFO-20 due to RFO-19 test failure.

SECTION

6

PRESSURE

TEST

SUMMARY

Tests performed to date for the third period of the Third Ten Year Interval since the completion of RO18. Note: RO18 completed the Second Period of the Third Ten Year Interval, which ended on 2/19/1999.

SYSTEM	DESCRIPTION	DATE	PROCEDURE	RESULTS
FW	Feedwater System Piping Inside & Outside Containment	6/17/98	EST-077	SAT
SI	Containment Spray System	6/2/98	EST-079	SAT
AFW	Auxiliary Feedwater System Piping	6/23/98	EST-082	SAT
CS	Containment Spray Additive Tank and Associated Piping	6/16/98	EST-092	SAT
CVCS	Boric Acid Tank, Piping and Transfer Pump	7/1/98	EST-093	SAT
SW	Service Water System	7/2/98	EST-094	SAT
DFO	Diesel Fuel Oil System	6/29/98	EST-098	SAT

Tests performed to date for the third period of the Third Ten Year Interval during RO19:

SYSTEM	DESCRIPTION	DATE	PROCEDURE	RESULTS
CCW	Component Cooling Water Inside Containment	9/25/99	EST-076	SAT
SW	Service Water Inside Containment	9/25/99	EST-081	SAT
MS/FW	Main Steam & Feedwater System Inside Containment	9/23/99	EST-128	SAT
SI	SI Accumulators*	9/25/99	EST-129	SAT
RCS	Reactor Coolant System*	10/22/99	EST-083	SAT

*Includes Bolting Inspection

SAT=Satisfactory

No deficiencies were noted for the above Engineering Surveillance Tests and all exceptions were addressed by the normal work request process and retained as permanent records, which may be obtained through the Carolina Power & Light Company Document Control Services.

SECTION

7

REPAIRS AND REPLACEMENTS

HBR2 ISI REPAIR/REPLACEMENT SUMMARY

<u>Work Order</u>	<u>Equipment Number</u>	<u>Plant System</u>	<u>Description of Activity</u>
97 AAMX1	V6-16A	Service Water System	Replaced valve.
97 AAMY1	V6-16B	Service Water System	Replaced valve, studs, and nuts.
97 AAZZ1	Studs	Safety Injection System	Replaced studs on SI-844A
97 ACQCA	2-CW-117	Service Water System	Removed and replaced 2" piping with new piping and rewelded existing elbows and flanges.
97 ACQF1	HVH-8B	HVAC- Auxiliary Building	Replaced auxiliary building HVAC cooler HVH-8B.
97 AFQE1	FE-605 Studs & Nuts	Residual Heat Removal System	Replaced 17 studs and nuts for full thread engagement.
97 AFYU1	CVC-267	Chemical & Volume Control System	Replaced valve CVC-267 with new valve from stores.
98 AAKT1	CVC-277A	Chemical & Volume Control System	Replaced CVC-277A and piping adjacent to valve inlet and outlet.
98 ABJS1	Sleeve S-40-42	Containment System	Cut & plugged service water pipe at mainsteam bellows - containment penetration # 40.
98 ABJS3	Sleeve S-41-42	Containment System	Cut & plugged service water pipe at mainsteam bellows - containment penetration # 41.
98 ABJS4	Sleeve S-42-42	Containment System	Cut & plugged service water pipe at mainsteam bellows - containment penetration # 42.

Work Order	Equipment Number	Plant System	Description of Activity
98 ADBY1	Nut	Service Water System	Replaced bolt and nut, one each.
98 ADPA1	D Service Pump	Service Water System	Drilled 4 holes on impeller to increase clearance to pump bowl.
98 ADPS1	2-CH-151R-32	Chemical & Volume Control System	Repaired pin hole leak in line 2-CH-151R-32 upstream of MOV-350.
98 AECI1	Stud	Safety Injection System	Replaced stud on CV Spray Pump "B".
98 AEEI1	6-CW-167A	Service Water System	Added piping, valves and supports per ESR 97-00383 to the service water system on the discharge side of the service water booster pumps.
98 AENI1	Cap Screw	Chemical & Volume Control System	Replaced nut, HX, HV, 5/8-11, SS, 15 each. Fastener, NYL, 24 each; Screw, Cap, HX, HD, 5/8-11X4, 13 Each.
98 AEYD1	6-CW-87	Service Water System	Replaced flexible rubber pipe on diesel.
98 AEYE1	6-CW-88	Service Water System	Replaced flexible rubber pipe on diesel.
98 AFAF1	6-CW-86	Service Water System	Replaced flexible rubber pipe on diesel.
98 AFUP1	30-CW-11	Service Water System	Base metal repair of piping on 30-CW-11.
98 AFXX1	16-FW-9	Feedwater System	Replaced steam generator "A" feedwater reducer and spool piece.
98 AFZA1	2-MS-15	Mainsteam System	Replaced entire line # 2-MS-15 from MS-262C. * See WR 98-AFZA1 and sequential tickets for specific part # replacements.
98 AFZB1	2-MS-16	Mainsteam System	Replaced entire line # 2-MS-16 from MS-262B. * See WR 98-AFZB1 and sequential tickets for specific part # replacements.

Work Order	Equipment Number	Plant System	Description of Activity
98 AFZC1	2-MS-17	Mainsteam System	Replaced entire line # 2-MS-17 from MS-262A. * See WR 98-AFZC1 and sequential tickets for specific part # replacements.
98 AFZD1	2-MS-17	Mainsteam System	Replaced entire line # 2-MS-17 from MS-262A. * See WR 98-AFZD1 and sequential tickets for specific part # replacements.
98 AFZE1	2-MS-16	Mainsteam System	Replaced entire line # 2-MS-16 from MS-262B.
98 AFZF1	2-MS-15	Mainsteam System	Replaced entire line # 2-MS-15 from MS-262C.
98 AGFQ1	SW-79A	Mainsteam System	Replaced valve due to binding and studs and nuts.
98 AGRT1	30-SW-11B	Service Water System	Replaced underground section of the north service water header with an above ground run of piping including valves and supports.
98 AGTH1	Rod	Mainsteam System	Replaced rod in spring can hanger CPL-212/M.
98 AHUN1	4-CH-151R-47	Chemical & Volume Control System	Removal of linear indication in the heat affected zone of the root weld for new branch connection.
98 AHXN4	WD-1728	Waste Disposal	Removed bonnet from WD-1728 and replaced it with rebuilt bonnet from RCV-018.
99 ACLW1	CW-478-3	Service Water System	Installation of a cross tie line including valves, piping and supports. Code Case N 416-1 was invoked for this modification.
99 ADQG1	AB-CAR-C-1-35/2	Auxiliary Feedwater System	Installed a perimeter shim behind the baseplate of support AB-CAR-C-1-35/2.

<u>Work</u>	<u>Equipment Number</u>	<u>Plant System</u>	<u>Description of Activity</u>
99 ADTX1	Studs	Residual Heat Removal System	Replaced bonnet studs and nuts on RHR-706 due to corrosion.
AKRF 001	Capscrew	Reactor Coolant System	Replaced a capscrew on the #1 Seal assembly.
AKYJ 001	Snubber # 13	Chemical & Volume Control System	Replaced existing snubber with a spare from stores.
AKYK 001	Snubber # 14	Chemical & Volume Control System	Replaced existing snubber with a spare from stores.
AKYQ 001	Snubber # 22	Chemical & Volume Control System	Replaced existing snubber with a spare from stores.
AKYV 001	Snubber # 24	Residual Heat Removal System	Replaced existing snubber with a spare from stores.
AKZB 001	Snubber # 31	Mainsteam System	Replaced existing snubber with a spare from stores.
AKZC 001	Snubber # 32	Mainsteam System	Replaced existing snubber with a spare from stores.
ALDM 002	Bolting	Reactor Coolant System	Rotated the hot leg and cold leg manway studs, nuts and washers with a spare set..
ALEL 001	SW-PMP-C	Service Water System	Removed old pump and installed a newly rebuilt pump. Also replaced 3 bolts on pump discharge flange.
ALFL 002	RC-551A	Reactor Coolant System	Replaced pressurizer safety valve with spare rebuilt valve.
ALFN 002	RC-551B	Reactor Coolant System	Replaced pressurizer safety valve with spare rebuilt valve.
ALFO 002	RC-551C	Reactor Coolant System	Replaced pressurizer safety valve with spare rebuilt valve.
AMPK 001	Hand Hole Cover A-4	Steam Generator System	Replaced steam generator "A" handhole covers "A-4" & "A-5".
AMPL 001	Hand Hole Cover B-3	Steam Generator System	Replaced steam generator "B" handhole cover "B-3".

<u>Work Order</u>	<u>Equipment Number</u>	<u>Plant System</u>	<u>Description of Activity</u>
AMQV 001	Snubber # 1	Steam Generator System	Rebuilt snubbers 1, 2, 3 & 4 per the PM model AMQV.
ANBW 001	Inspection Port Bolting	Steam Generator System	Replacement of S/G "A" inspection port bolts.
ANBX 001	Inspection Port Bolting	Steam Generator System	Replacement of S/G "B" inspection port bolts.
ANBY 001	Inspection Port Bolting	Steam Generator System	Replacement of S/G "C" inspection port bolts and insertion of a helicoil in one bolt hole.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/13/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JQ:ANBY 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition:1980 Addenda:W 1980 Code Case:N/A
 Design Specification: 955479
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Inspection Port Bolting	Westinghouse	N/A	N/A	S/G C	1983	Replaced	N
Inspection Port Bolting	Maintenance	N/A	N/A	S/G C	1999	Replacement	N

7. Description of Work: Replacement of S/G "C" inspection port bolts and insertion of a helicoil in one bolt hole.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other [VT-3] Pressure[1000] psig Test Temp.[537] °F

Remarks: See PM ANBY 001 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Blum ISI ENGINEER Date: 12/13, 1999
Owner or Owner's Designee, Title

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 SOUTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period _____ to _____ and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Inspector's Signature _____ Commissions #100128
National Board, State, Province, and Endorsements

Date _____, 1999

Refer to Page 3 of 212. CP&L is addressing this item through our corrective action program.

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/15/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO: 97 AAZZ1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: ASME SEC. III Edition: 1989 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Studs	Ebasco	N/A	N/A	N/A	1971	Replaced	N
Studs	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Replaced studs on SI-844A
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [160] psig Test Temp. [71.5] °F

Remarks: See WR 97 AAZZ1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 11/17, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3/30/98 to 11/17/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/15/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: 98-00023 EE: N/A
 Address WR/JO:97 AFYU CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-267	Ebasco	N/A	N/A	N/A	1971	Replaced	N
CVC-267	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Replaced valve CVC-267 with new valve from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[36] psig Test Temp.[75] °F

Remarks: See WR 97 AFYU1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A

Expiration Date. N/A

Signed [Signature] ISI ENGINEER Date: 11/19, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/7/99 to 11/19/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 19, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

*Revised **

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/16/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 98 ABJS1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: * Class: 2 CONTAINMENT SYSTEM 8010
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Sleeve S-40-42	Ebasco	N/A	N/A	Piping/Sleeve	1971	Replaced	N
Sleeve S-40-42	Maintenance	N/A	N/A	Piping/Sleeve	1998	Replacement	N

7. Description of Work: Cut & plugged service water pipe at mainsteam bellows - containment penetration # 40.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [EST-135] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WR 98 ABJS1 turnover package. This NIS-2 has been revised due to the fact the original identified the ASME Code Class as "Class MC" and it should have been "Class 2".

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. J. Blum* ISI ENGINEER Date: 11/16, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 04/98 to 10/96 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. O'Brien Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

Revised x

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/16/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 ABJS3 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: * Class: 2 CONTAINMENT SYSTEM 8010
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Sleeve S-41-42	Ebasco	N/A	N/A	Piping/Sleeve	1971	Replaced	N
Sleeve S-41-42	Maintenance	N/A	N/A	Piping/Sleeve	1998	Replacement	N

7. Description of Work: Cut & plugged service water pipe at mainsteam bellows - containment penetration # 41.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [EST-135] Pressure[N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WR 98 ABJS3 turnover package. This NIS-2 has been revised due to the fact the original identified the ASME Code Class as "Class MC" and it should have been "Class 2".

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 11/16, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 04/98 to 10/96 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

*Revised **

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/16/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H. B. ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 98 ABJS4 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: * Class: 2 CONTAINMENT SYSTEM 8010
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Sleeve S-42-42	Ebasco	N/A	N/A	Piping/Sleeve	1971	Replaced	N
Sleeve S-42-42	Maintenance	N/A	N/A	Piping/Sleeve	1998	Replacement	N

7. Description of Work: Cut & plugged service water pipe at mainsteam bellows - containment penetration # 42.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [EST-135] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WR 98 ABJS4 turnover package. This NIS-2 has been revised due to the fact the original identified the ASME Code Class as "Class MC" and it should have been "Class 2".

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M.W. Allen* ISI ENGINEER Date: 11/16, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 04/98 to 10/96 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

L.S. Dalley Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/15/99
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: 98-00205 EE: N/A
Address WR/JO: 97 ACOCA CR: N/A
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N-416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-CW-117	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-CW-117	Maintenance	N/A	N/A	N/A	1998	Replacement	N
2-CW-119	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-CW-119	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Removed and replaced 2" piping with new piping and rewelded existing elbows and flanges.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure [43] psig Test Temp. [66] °F

Remarks: See WR 97 ACOCA turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed J. M. Blum ISI ENGINEER Date: 11/17, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1/7/98 to 11/17/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Dalbey Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 6/8/98
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 97ACOF1
Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
Name
Authorization No. N/A
Same as 2. above. Expiration Date N/A
Address
4. Identification of System Aux. Bldg. HVAC Class 3
5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
AB HVAC Cooler	Ebasco	N/A	N/A	N/A	1971	Replaced	N
AB HVAC Cooler	Maintenance	N/A	N/A	N/A	N/A	Replacement	N

7. Description of Work Replaced Aux. Bldg. HVAC Cooler HVH-8B
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure 45 psi Test Temp. 86 °F

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-2 (Back)

9. Remarks See WR 97-ACOFI turnover package. Ref. Code Case N-416-1
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this replacement
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 6/8, 19 98
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period

April 98 to September 99,

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Charles F. [Signature] Commissions NC# 1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/8, 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/28/99
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 97-AFOE1
Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
Name
Same as 2. above. Authorization No. N/A
Address Expiration Date N/A

4. Identification of System 2045 RHR CLASS 2
5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FE-605 Studs	Ebasco	N/A	N/A	SA193, GR B7,	1971	Replaced	N
FE-605 Studs	Maintenance	N/A	N/A	SA193, GR B7,	1998	Replacement	N

7. Description of Work REPLACED 17 STUDS & NUTS FOR FULL THREAD ENGAGEMENT.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks SEE WR 97-AFOE1 TURNOVER PACKAGE.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 1/28, 19 99
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD
STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period
4/20/98 to 1/28/99

and state that to the best of my knowledge and belief, the Owner has performed examinations
and taken corrective measures described in this Owner's Report in accordance with the
requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions NC # 1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 1/28, 19 99

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/14/98
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 WR 98-AAKT1
 Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
Same as 2. above. Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 2060 Class 2
5. (a) Applicable Construction Code E31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CVC-277A	Ebasco	N/A	N/A	Valve	1971	Replaced	N
CVC-277A	Maintenance	N/A	N/A	Valve	1998	Replacement	N
2-CH-151R-6A	Ebasco	N/A	N/A	Piping	1971	Replaced	N
2-CH-151R-6A	Maintenance	N/A	N/A	Piping	1998	Replacement	N
2-CH-2502R-236	Ebasco	N/A	N/A	Piping	1971	Replaced	N
2-CH-2502R-236	Maintenance	N/A	N/A	Piping	1998	Replacement	N

7. Description of Work Replaced valve CVC-277A and piping adjacent to valve inlet and outlet.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure 2400 psi Test Temp. 110 °F

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-2 (Back)

9. Remarks See WR 98-AAKT1 turnover package.
 Applicable Manufacturer's Data Reports to be attached
Reference Code Case N416-1. DS 12/14/98

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
 repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D. H. So ISI ENGINEER Date 12/14, 1998
 Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD
STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period
April 20, 1998 to September 1999,

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Ramon C. Villalobos Commissions NC1035
 Inspector's Signature National Board, State, Province, and Endorsements

Date 12-14-98, 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/14/98
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98-ADBY1
 Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
Same as 2. above. Expiration Date N/A
 Address
4. Identification of System 4060 Class 3
5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Nut	Ebasco	N/A	N/A	HX,3/4-10,S	1971	Replaced	N
Nut	Maintenance	N/A	N/A	HX,3/4-10,S	1998	Replacement	N
Bolt	Ebasco	N/A	N/A	HX,3/4-10X3-3/4	1971	Replaced	N
Bolt	Maintenance	N/A	N/A	HX,3/4-10X3-3/4	1998	Replacement	N

7. Description of Work Replaced bolt and nut, one each.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure >15 psi Test Temp. >75 °F

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-2 (Back)

9. Remarks See WR 98-ADBY1 turnover package.
Applicable Manufacturer's Data Reports to be attached

Reference Code Case N416-1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 12/14, 1998
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD
STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period
April 20, 1998 to September 1999,

and state that to the best of my knowledge and belief, the Owner has performed examinations
and taken corrective measures described in this Owner's Report in accordance with the
requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Ramon P. Villadane Commissions NC 1035
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-14, 1998

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 8/28/98
Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
Address

2. Plant H.B.ROBINSON Unit 2
Name

3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98ADPA1
Address Repair Organization PO No; Job No; etc.

3. Work Performed by Maintenance Type Code Symbol Stamp N/A
Name

Authorization No. N/A

Same as 2. above. Expiration Date N/A
Address

4. Identification of System SERVICE WATER CLASS 3

5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
D Service Pump	Ebasco	N/A	N/A	N/A	1971	Repaired	N

7. Description of Work Drilled 4 holes on impeller to increase clearance to pump bowl

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F 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-2 (Back)

9. Remarks See turnover package for WR 98-ADPA1
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repaired
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 9/29, 1998
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM
BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period
4/21/98 to 8/28/98 and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken
corrective measures described in this Owner's Report in accordance with the requirements of
the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Charles F. [Signature] Commissions NC # 1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 8/28, 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 6/9/98
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
 2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 WR/JO 98-ADPS1
 Address Repair Organization PO NO., Job No., etc
 3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
Same as 2. above. Expiration Date N/A
 Address

4. Identification of System CVCS Class 3

5. (a) Applicable Construction Code B31.1 1967 Edition, N/A Addenda, N/A Code Case
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Piping	Ebasco	N/A	N/A	N/A	1971	Repair	No

7. Description of Work Repaired leak in pipe upstream of MOV-350

8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks See WR/JO 98-ADPS1 Turnover Package Ref. Code Case N416-1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this repair
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A Certificate

of Authorization No. N/A Expiration Date N/A

Signed D.H. So IS ENGINEER Date 6/9, 19 98

Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSP. & INS. CO. of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/21/98 to 6/19/98 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Charles F. Joseph Commissions NC # 1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19, 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/14/98
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address

2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98-AEC11
 Address Repair Organization PO No; Job No; etc.

3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
Same as 2. above. Authorization No. N/A
 Address Expiration Date N/A

4. Identification of System 2080 Class 2

5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Stud	Ebasco	N/A	N/A	Rod,Thrd,3/4-10,S	1971	Replaced	N
Stud	Maintenance	N/A	N/A	Rod,Thrd,3/4-10,S, B7	1998	Replacement	N

7. Description of Work Replaced stud of CV Spray Pump B.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks See WR 98-AEC11 turnover package.
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 12/14, 1998
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD
STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period
April 20, 1998 to September 1999

and state that to the best of my knowledge and belief, the Owner has performed examinations
and taken corrective measures described in this Owner's Report in accordance with the
requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Ramon P. Villalobos Commissions NC 1035
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-14, 19 98

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/28/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98-AEN11
 Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
Same as 2. above. Expiration Date N/A
 Address

4. Identification of System 2060 CVCS BORIC ACID FILTER, CLASS 2
5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Cap Screw	Ebasco	N/A	N/A	SA193, GR B7, Commercial Ded.	1971	Replaced	N
Cap Screw	Maintenance	N/A	N/A	SA193, GR B7, Commercial Ded.	1998	Replacement	N
Hex Nut	Ebasco	N/A	N/A	SA194, GR. 8	1971	Replaced	N
Hex Nut	Maintenance	N/A	N/A	SA194, GR. 8	1998	Replacement	N
Fastener Screw	Commcial Filter Co.	N/A	N/A	Nylon	1971	Replaced	N
Fastener Screw	Commcial Filter Co.	N/A	N/A	Nylon	1998	Replacement	N

7. Description of Work REPLACED NUT, HX, HV, 5/8-11, SS, 15 EACH; FASTENER, NYL, 24 EACH; SCREW, CAP, HX, HD, 5/8-11X4, 13 EACH;

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F
 VT-3 EXAM

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-2 (Back)

9. Remarks SEE WR 98-AEN11 TURNOVER PACKAGE
Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 1/28/99
Owner or Owner's Designee, Title 19
06
1/28/99

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period 4/20/98 to 1/28/99

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Charles F. [Signature] Commissions NC #1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 1/28, 19 99

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/14/98
Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
Address

2. Plant H. B. ROBINSON Unit 2
Name

3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98-AFUP1
Address Repair Organization PO No; Job No; etc.

3. Work Performed by Maintenance Type Code Symbol Stamp N/A
Name

Authorization No. N/A

Same as 2. above. Expiration Date N/A
Address

4. Identification of System 4060 Class 3

5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
30-CW-11	Ebasco	N/A	N/A	Piping	1971	Repair	N

7. Description of Work Base metal Repair of Piping 30-CW-11.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks See WR 98-AFUP1 turnover package.

Applicable Manufacturer's Data Reports, to be attached

Reference Code Case N416-1. DS 12/14/98

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Repair repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 12/14, 1998
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period April 20, 1998 to September 1999,

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Ramon B. Valladares Commissions NC 1035
Inspector's Signature National Board, State, Province, and Endorsements

Date 12-14, 1998

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 2/17/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 WR 98-AHUNI
 Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name
 Authorization No. N/A
Same as 2. above. Expiration Date N/A
 Address

4. Identification of System 2060 CVCS ISV-LCV-115B INLET DRAIN AND PIPING, CLASS 2

5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
REFUELING WATER TO CHG PMPS SUCTION	Ebasco	N/A	N/A	4-CH-151R-47	1971	Repaired	N

7. Description of Work REMOVAL OF LINEAR INDICATION IN THE HEAT AFFECTED ZONE OF THE ROOT WELD FOR NEW BRANCH CONNECTION.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks SEE WR 98-AHUNI TURNOVER PACKAGE
Applicable Manufacturer's Data Reports to be attached

QC PERFORMED VISUAL EXAM OF GRIND REMOVAL AREA, ALSO PERFORMED PT OF GRINDING SURFACE FOR THE ABSENCE OF THE LINEAR INDICATION.

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPAIRED
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 2/17, 1999
Owner or Owner's Designee, Title

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 VIRGINIA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period 12/22/98 to 2/17/99

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Mark M. Hear Commissions VA 424 A, N, E
Inspector's Signature National Board, State, Province, and Endorsements

Date 2/17, 19 99

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/25/99
 Name

411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address

2. Plant H.B. ROBINSON Unit 2
 Name

3581 West Entrance Rd; HARTSVILLE, SC 29550 PM ALEL 001
 Address Repair Organization PO No; Job No; etc.

3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name

Authorization No. N/A

Same as 2. above. Expiration Date N/A
 Address

4. Identification of System 4060 SERVICE WATER, CLASS 3

5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A

(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
S.W. PUMP C	JOHNSTON PUMP	GC-2706	N/A	TYPE 16PS	1971	REPLACED	NO
S.W. PUMP C	JOHNSTON PUMP, REBUILT	GC-2706	N/A	TYPE 16PS	1998	REPLACEMENT	NO

7. Description of Work REMOVED OLD PUMP AND INSTALLED A NEWLY REBUILT PUMP. ALSO REPLACED 3 BOLTS ON PUMP DISCHARGE FLANGE.

8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure psi Test Temp. °F

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-2 (Back)

9. Remarks SEE ALEL 001 TURNOVER PACKAGE.
Applicable Manufacturer's Data Reports to be attached

REFERENCE CODE CASE N-416-1

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT
repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed D.H. So ISI ENGINEER Date 2/4, 19 99
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period 4/20/98 to 2/4/99

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

Charles F. [Signature] Commissions NC #1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 2/4, 19 99

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date APRIL 7, 1999
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 1
 Address
2. Plant H. B. ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 98 AHXN4
 Address Repair Organization PO No; Job No; etc.
3. Work Performed by Maintenance Type Code Symbol Stamp N/A
 Name Authorization No. N/A
3581 West Entrance Rd. HARTSVILLE, SC 29550 Expiration Date N/A
 Address
4. Identification of System ISV CTMT SUMP PUMP DISCHARGE # 7070
5. (a) Applicable Construction Code B31.1 1967 Edition N/A Addenda N/A Code Case N/A
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 _____
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
WD-1728	ITT GRINNELL	N/A	N/A	BONNET	1971	REPLACED	NO
RCV-018	ITT GRINNELL	N/A	N/A	BONNET	1971	REPLACED	NO

7. Description of Work REMOVED BONNET FROM WD-1728 AND REPLACED IT WITH REBUILT BONNET FROM RCV-018
8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
 Other [] Pressure(40]psig Test Temp.(120]F'

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-2 (Back)

9. Remarks: MECHANICAL CONNECTION - NO WELDING REQUIRED. SUITABILITY PERFORMED UNDER 99-004.

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this REPLACEMENT repair or replacement

conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp N/A

Certificate of Authorization No. N/A Expiration Date N/A

Signed [Signature] ISI ENGINEER Date APRIL 7, 1999
Owner or Owner's Designee, Title

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 NORTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period 1/6/99 to 4/7/99

and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions NC # 1073
Inspector's Signature National Board, State, Province, and Endorsements

Date 7 April, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:ALFN 002 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: ASME Section III Edition: * Addenda: * Code Case: N/A
 Design Specification: *676279
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
RC-551B	Crosby	RV-551B	N/A	N/A	1998	Replaced	Y
RC-551B	Maintenance	N69877-00-0002	N/A	N/A	1999	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[2246] psig Test Temp. [537] °F

Remarks: See PM ALFN 002 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed MM W Blum ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-18-99 to 11-2-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. F. O'Leary Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov. 2, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: ANEW 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1980 Addenda: W 1980 Code Case: N/A
 Design Specification: 955479
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Inspection Port Bolting	Westinghouse	N/A	N/A	S/G A	1983	Replaced	N
Inspection Port Bolting	Maintenance	N/A	N/A	S/G A	1999	Replacement	N

7. Description of Work: Replacement of S/G "A" inspection port bolts.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [1000] psig Test Temp. [537] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See PM ANBW 001 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed *M. W. Blum* ISI ENGINEER Date: 11/4, 1999

Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4-8-99 to 11-4-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. S. Doherty Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:97 AAMX1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
V6-16A	Ebasco	N/A	N/A	150FR(16")	1971	Replaced	N
V6-16A	Maintenance	N/A	N/A	150FR(16")	1999	Replacement	N

7. Description of Work: Replaced valve.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[45] psig Test Temp.[72] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WR 97 AAMX1 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MMW ISI ENGINEER Date: 11/4, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-1-99 to 11-5-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. S. Oalley Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 5, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:97 AMY1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: CPL-R2MY6
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
V6-16B	Ebasco	N/A	N/A	150FR(16")	1971	Replaced	N
V6-16B	Maintenance	N/A	N/A	150FR(16")	1999	Replacement	N

7. Description of Work: Replaced valve studs and nuts.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[45] psig Test Temp.[72] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR 97 AAMY1 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MW Blw ISI ENGINEER Date: 11/4, 1999
 Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-2-99 to 11-5-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. S. Dabney Commissions W. #100128
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 5, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 10/16/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: AMOV 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A
 Design Specification: WELC-5379-S18
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp ed (Yes or No)
Snubber # 1	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber # 2	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber # 3	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber # 4	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Rebuilt snubbers 1, 2, 3 & 4 per the PM model AMOV.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See PM AMOV 001 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. W. Blum* ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/4/99 to 11-2-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. J. Delley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 2, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AMPK 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition:1980 Addenda:W 1980 Code Case:N/A
 Design Specification: 955479
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Hand Hole Cover A-4	Westinghouse	N/A	N/A	S/G A	1983	Replaced	N
Hand Hole Cover A-4	Maintenance	N/A	N/A	S/G A	1999	Replacement	N
Hand Hole Cover A-5	Westinghouse	N/A	N/A	S/G A	1983	Replaced	N
Hand Hole Cover A-5	Maintenance	N/A	N/A	S/G A	1999	Replacement	N

7. Description of Work: Replaced steam generator "A" handhole covers "A-4" & "A-5".
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [MT] Pressure [1000] psig Test Temp. [537] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See PM AMPK 001 and WR 98 AGHD1 turnover packages.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed [Signature] ISI ENGINEER Date: 11/4, 1999

Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-4-99 to 11-4-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: AMPL 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1980 Addenda: W 1980 Code Case: N/A
 Design Specification: 955479
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Hand Hole Cover B-3	Westinghouse	N/A	N/A	S/G B	1983	Replaced	N
Hand Hole Cover B-3	Maintenance	N/A	N/A	S/G B	1999	Replacement	N

7. Description of Work: Replaced steam generator "B" handhole cover "B-3".
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [MT] Pressure [900] psig Test Temp. [518] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See PM AMPL 001 and WR 98 AGHE1 turnover packages.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Blum ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/4/99 to 11/4/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

C. C. Oakley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JQ:ALFL 002 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: ASME Section III Edition: * Addenda: * Code Case: N/A
 Design Specification: *676279
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
RC-551A	Crosby	RV-551A	N/A	N/A	1998	Replaced	Y
RC-551A	Maintenance	N69877-00-0001	N/A	N/A	1999	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [2246] psig Test Temp. [537] °F

Remarks: See PM ALEL 002 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MWB ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/2/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. S. O'Leary Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov. 2, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:ALFO 002 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: ASME Section III Edition: * Addenda: * Code Case: N/A
 Design Specification: *676279
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
RC-551C	Crosby	RV-551C	N/A	N/A	1998	Replaced	Y
RC-551C	Maintenance	N69877-00-0003	N/A	N/A	1999	Replacement	Y

7. Description of Work: Replaced pressurizer safety valve with spare rebuilt valve
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [2246] psig Test Temp. [537] °F

Remarks: See PM ALFO 002 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed M W Blaw ISI ENGINEER Date: 11/3, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/2/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

D. S. Dalley Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 2, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 9/10/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: 97-00383 EE:
 Address WR/JO:98 AEE11 CR:
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N-438-1
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
6-CW-167A	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Added piping, valves and supports per ESR 97-00383 to the service water system on the discharge side of the service water booster pumps.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [165/80] psig Test Temp. [86/80] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WR 98 AEEI1, 98 AEEI2 & 98AEEI3 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. J. [Signature] ISI ENGINEER Date: 9/10, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT

have inspected the components described in this Owner's Report during the period 1-26-99 to 9-10-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

U. S. Dalley Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Sept 10, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 10/21/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO:98 AGFO1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
SW-79A	Ebasco	N/A	N/A	N/A	1971	Replaced	N
SW-79A	Maintenance	N/A	N/A	P/N 739-169-83	1999	Replacement	N
Studs	Ebasco	N/A	N/A	N/A	1971	Replaced	N
Studs	Maintenance	N/A	N/A	P/N 706-764-81	1999	Replacement	N
Nuts	Ebasco	N/A	N/A	N/A	1971	Replaced	N
Nuts	Maintenance	N/A	N/A	P/N 514-108-43	1999	Replacement	N

7. Description of Work: Replaced valve due to binding and studs and nuts.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other Pressure[45] psig Test Temp. [>50] °F

Remarks: See WR 98 AGFO1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed Michael W. Blum ISI ENGINEER Date: 10/28, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 3-5-99 to 10-29-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

P. S. Oalley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date 10/29/99, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JQ:98 AFZE1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-16	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-16	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-16 from MS-262B.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[>750] psig Test Temp.[>450] °F

Remarks: See WR 98 AFZEI turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed MW Blue ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1-28-99 to 11-3-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Oalley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:ANBX 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME III Edition: 1980 Addenda: W 1980 Code Case: N/A
 Design Specification: 955479
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Inspection Port Bolting	Westinghouse	N/A	N/A	S/G B	1983	Replaced	N
Inspection Port Bolting	Maintenance	N/A	N/A	S/G B	1999	Replacement	N

7. Description of Work: Replacement of S/G "B" inspection port bolts.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [900] psig Test Temp. [518] °F

Remarks: See PM ANBX 001 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 4/8/99 to 11/2/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 2, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: 99-00176 EE: N/A
 Address WR/JO:99 ACLW1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CW-478-3	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Installation of a cross tie line including valves, piping and supports. Code Case N 416-1 was invoked for this modification.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[158/51] psig Test Temp.[73.9/76] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WR 99 ACLW1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed MWble ISI ENGINEER Date: 11/4, 1999

Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 8-11-99 to 11-4-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W.S. Dalley Commissions Wis #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 AFZC1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-17	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-17	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-17 from MS-262A. * See WR 98-AFZC1 and sequential tickets for specific part # replacements.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[1000] psig Test Temp.[547] °F

Remarks: See WR 98 AFZC1 and sequential ticket turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MW Blaw ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/2/94 to 11/3/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

S. G. Dalley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 12/13/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 ESR#: 98-00509 EE: N/A
 Address WR/JO: 98 AGRT1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
30-SW-11B	Ebasco	N/A	N/A	N/A	1971	Replaced	N
30-CW-11B	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced underground section of the north service water header with an above ground run of piping including valves and supports. This report includes the 30" X 10' venturi flow meter fabricated by American Industries Tech., and various flanged 30" diameter spool pieces fabricated by PCI Energy Services.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [47] psig Test Temp. [72.8] °F

Remarks: See WR 98 AGRT1, 98 AGRTD, 98 AGRTX, 98 AGRTY turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed *MW Blum* ISI ENGINEER Date: 12/13, 1999
Owner or Owner's Designee, Title

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 SOUTH CAROLINA and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 6/9/99 to 12-14-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. J. Oalley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Dec. 14, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO:98 AFZD1 CR: N/A
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-17	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-17	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-17 from MS-262A. * See WR 98-AFZD1 and sequential tickets for specific part # replacements.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure[>750] psig Test Temp.[>450] °F

Remarks: See WR 98 AFZDI and sequential ticket turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed 777W Allen ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 1-28-99 to 11-3-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

S. S. O'Leary Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/18/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 AFZB1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-16	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-16	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-16 from MS-262B. * See WR 98-AFZB1 and sequential tickets for specific part # replacements.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[1000] psig Test Temp.[547] °F

Remarks: See WR 98 AFZB1 and sequential ticket turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. Blaw* ISI ENGINEER Date: 11/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/2/99 to 11/18/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

A.S. Delaney Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 18, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/18/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 AFZA1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-15	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-15	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-15 from MS-262C * See WR 98-AFZA1 and sequential tickets for specific part # replacements.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[1000] psig Test Temp. [547] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WR 98 AFZA1 and sequential ticket turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed [Signature] ISI ENGINEER Date: 12/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/2/99 to 12/18/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions W.I. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 18, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 AFZF1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
2-MS-15	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-15	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced entire line # 2-MS-15 from MS-262C
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [>750] psig Test Temp. [>450] °F

Remarks: See WR 98 AFZC1 and WR 98 AFZC2 turnover packages.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed MW Blawie ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 2/2/89 to 11/3/89 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. G. O'Leary Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/4/99
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: 98-00371 EE: N/A
Address WR/JO:98 AFXX1 CR: N/A
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
Address Expiration Date N/A
4. Identification of System: Class: 2 FEEDWATER SYSTEM 3050
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
Code Case: N 416-1

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
16-FW-9	Ebasco	N/A	N/A	N/A	1971	Replaced	N
16-FW-9	Maintenance	N/A	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced steam generator "A" feedwater reducer and spool piece.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
Other Pressure[1000] psig Test Temp.[547] °F

Remarks: See WR 98 AFXX1 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Blue ISI ENGINEER Date: 11/4, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 9-29-99 to 11-4-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

P. J. O'Leary Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 4, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/5/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:99 ADTX1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: B31.1 Edition:1967 Addenda:N/A Code Case:N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Studs	Ebasco	N/A	N/A	N/A	1971	Replaced	N
Studs	Maintenance	N/A	N/A	P/N 706-764-73	1999	Replacement	N
Nuts	Ebasco	N/A	N/A	N/A	1971	Replaced	N
Nuts	Maintenance	N/A	N/A	P/N 514-108-01	1999	Replacement	N

7. Description of Work: Replaced bonnet studs and nuts on RHR-706 due to corosion.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure[420] psig Test Temp.[179] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR 99 ADTX1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed _____ *M. A. Miller* ISI ENGINEER Date: 11/5, 1999
 Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/5/99 to 11-8-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

L. S. O'Leary Commissions W. #100128
 Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 8, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/8/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO:AKRF 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A
 Design Specification: 677188
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Capscrew	Westinghouse	N/A	N/A	RCP A	1971	Replaced	N
Capscrew	Maintenance	N/A	N/A	RCP A	1999	Replacement	N

7. Description of Work: Replaced a capscrew on the #1 Seal assembly
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other [VT-1] Pressure [2246] psig Test Temp. [537] °F

Remarks: See PM AKRF 001 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *MW Blum* ISI ENGINEER Date: 11/8, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/15/99 to 11-8-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

D. Z. Doherty Commissions *W.I.* #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date *Nov 8*, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AKYJ 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 13	Grinnell	30086	N/A	N/A	1971	Replaced	N
Snubber # 13	Grinnell	34438	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See PM AKYJ 001 and AKYJ 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M W Olsen ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/3/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

D. S. Oakley Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date 11-3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JQ:AKYK 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 14	Grinnell	30090	N/A	N/A	1971	Replaced	N
Snubber # 14	Grinnell	30059	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other VT-3 Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See PM AKYK 001 and AKYK 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed M. W. W. W. ISI ENGINEER Date: 11/3, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/3/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Oalley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AKYO 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 22	Grinnell	30077	N/A	N/A	1971	Replaced	N
Snubber # 22	Grinnell	30070	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See PM AKYO 001 and AKYO 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Blaw ISI ENGINEER Date: 11/3, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/3/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Oulley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 10/17/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AKYV 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd. HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber # 24	Grinnell	30082	N/A	N/A	1971	Replaced	N
Snubber # 24	Grinnell	30076	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See PM AKYV 001 and AKYV 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A

Certificate of Authorization No. _____ N/A

Expiration Date. _____ N/A

Signed _____ M. W. Miller ISI ENGINEER Date: 11/2, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/2/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

W. S. Oakley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 2, 1999

FORM-NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AKZB 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 31	Pacific Scientific	20170	N/A	N/A	1971	Replaced	N
Snubber # 31	Pacific Scientific	17849	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See PM AKZB 001 and AKZB 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MMW Blen ISI ENGINEER Date: 11/3, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-18-99 to 11-3-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

E. J. O'Leary Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:AKZC 001 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 32	Pacific Scientific	17848	N/A	N/A	1971	Replaced	N
Snubber # 32	Pacific Scientific	16847	N/A	N/A	1999	Replacement	N

7. Description of Work: Replaced existing snubber with a spare from stores.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See PM AKZC 001 and AKZC 1001 turnover packages

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Blum ISI ENGINEER Date: 11/3 1999

Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/18/99 to 11/3/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Oalley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 3, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/5/99
Name
- 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B.ROBINSON Unit 2
Name
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JO:ALDM 002 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
- 3581 West Entrance Rd; HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: ASME Section III Edition:1965 Addenda:S 1966 Code Case:N/A
 Design Specification: 676397
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Bolting	Maintenance	N/A	N/A	S/G A Hot leg & Cold Leg	1998	Replaced	N
Bolting	Maintenance	N/A	N/A	S/G A Hot leg & Cold Leg	1999	Replacement	N

7. Description of Work: Rotated the hot leg and cold leg manway studs, nuts and washers with a spare set.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
- Other [VT-1] Pressure [2246] psig Test Temp. [537] °F

Remarks: See PM ALDM 002 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M W [Signature] ISI ENGINEER Date: 11/5, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-18-99 to 11-5-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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] Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov. 5, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS
As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 10/18/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A
 Address WR/JO: 99 ADOG1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp ed (Yes or No)
AB-CAR-C-1-35/2	Maintenance	N/A	N/A	P/N 514-013-39	1999	Replacement	N

7. Description of Work: Installed a perimeter shim behind the baseplate of support AB-CAR-C-1-35/2
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WR 99 ADOGI turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. W. Klu ISI ENGINEER Date: 10/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10-14-99 to 10-19-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

A. S. Dalley Commissions W.I. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 17, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/2/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B.ROBINSON Unit 2
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO:98 AGTH1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd; HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 2 MAINSTEAM SYSTEM 3020
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A
 Design Specification: N/A
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Rod	Ebasco	N/A	N/A	CPL-212/M	1971	Replaced	N
Rod	Maintenance	N/A	N/A	CPL-212/M	1999	replacement	N

7. Description of Work: Replaced rod in spring can hanger CPL-212/M
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

Remarks: See WR 98 AGTH1 turnover package

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed *M. J. [Signature]* ISI ENGINEER Date: 10/27, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 10/21/99 to 10/21/99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

D. S. Orley Commissions WI #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Oct 27, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/18/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JQ:98 AEVD1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A
 Design Specification: CPL-R2-MD-6
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
6-CW-87	Ebasco	N/A	N/A	N/A	1971	Replaced	N
6-CW-87	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Replaced flexible rubber pipe on diesel.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure (>15) psig Test Temp. (>75) °F

Remarks: See WR 98 AEYD1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed M. Blum ISI ENGINEER Date: 11/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 9/1/88 to 11-18-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

D. S. Dally Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 18, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/18/99
 Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
 Address
2. Plant H.B. ROBINSON Unit 2
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
 Address WR/JO: 98 AEYEL CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
 Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 Authorization No. N/A
 Address Expiration Date N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A
 Design Specification: CPL-R2-MD-6
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
6-CW-88	Ebasco	N/A	N/A	N/A	1971	Replaced	N
6-CW-88	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Replaced flexible rubber pipe on diesel.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [40] psig Test Temp. [83] °F

Remarks: See WR 98 AEYE1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement, conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MCW Blum ISI ENGINEER Date: 11/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 9/1/98 to 11-18-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J.S. Oalley Commissions Wi #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 18, 1999

FORM NIS-2 OWNER'S REPORT FOR REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 11/18/99
Name
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2
Address
2. Plant H.B. ROBINSON Unit 2
Name
3581 West Entrance Rd, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A
Address WR/JQ:98-AFAF1 CR: N/A
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A
Name Authorization No. N/A
3581 West Entrance Rd, HARTSVILLE, SC 29550 Expiration Date N/A
Address
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A
 Design Specification: CPL-R2-MD-6
6. (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986
 Code Case: N/A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
6-CW-86	Ebasco	N/A	N/A	N/A	1971	Replaced	N
6-CW-86	Maintenance	N/A	N/A	N/A	1998	Replacement	N

7. Description of Work: Replaced flexible rubber pipe on diesel.
8. Test Conducted: Hydrostatic Pneumatic Nominal Operating Pressure
 Other Pressure [40] psig Test Temp. [83] °F

Remarks: See WR 98 AFAP1 turnover package.

Applicable Manufacturer's Data Reports to be Attached

CERTIFICATE OF COMPLIANCE

We certify that the statements made in the report are correct and this Replacement conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp _____ N/A _____

Certificate of Authorization No. _____ N/A _____

Expiration Date. _____ N/A _____

Signed MW Blue ISI ENGINEER Date: 11/18, 1999
Owner or Owner's Designee, Title

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 WISCONSIN and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 9/1/99 to 11-18-99 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or 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.

J. S. Dalley Commissions W. #100128
Inspector's Signature National Board, State, Province, and Endorsements

Date Nov 18, 1999