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 (Name and Address of Owner)	27602
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 SECTION XI - DIVISION 1 1986 Edition

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 XI1986 AddendaN/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/AExpiration DateN/A
Date 12/15 19 99 Signed Carolina Power & Light Co. By Multiplication 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.
Inspector's Signature Commissions WI #100128 National Board, State, Province, and Endorsement
Date: December 16, 1999
Signature excluding insertion of helical-coil on % c par letter olated ixlisty

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

- F. <u>Code Item Number</u> The Item number of the applicable Code Category that the examination was performed to.
- G. <u>ISI Drawing</u> The isometric sketch identifying the location of the component being examined.
- H. <u>Calibration Block</u> The ultrasonic calibration block used to perform the examination (as applicable).
- I. <u>Procedure</u> 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. <u>CRV Coverage</u> 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:

- Numbers assigned to the components by the State, Municipality, or Providence; Page 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 is 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.

Zone CPL-204	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Required Exam Method Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	204/A01	RHR HX "A" TUBESI	HEET 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'	uт	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'	uт	8/30/1999
	RHR-HTX-A	C1.20	0.875	CPL-49	N/A	*A - ACCEPTED
	204/B01-IN	RHR HX "B" NOZZL	E 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" NOZZL	E 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" NOZZL	E 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" NOZZL	E 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.

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/O-WS	SLIDING STA	NCHION	N/A	HBR2-10618/71E	9/1/1999	
	G-190196 Sht. 1 MS 3020 MINOR CORROSION ADDITIONAL ACT		TURB/ MAINSTEAM PLATFORM LOOP "A" MAINSTEAM 26-MS-1 ON STANCHION SLIDING SURFACE, N	N/A VISUAL VT-3 NO REDUCTION IN CF	.500" 86 CODE ROSS SECTIONAL AREA	B - ACCEPTED SP-1464 OF SUPPORT. NO	
	212/Q-W\$	SLIDING STA	NCHION	N/A	AB-CAR-MS-2A-6062	9/1/1999	
	G-190196 Sht. 1 MS 3020 MINOR CORROSI ADDITIONAL ACT		TURB/ MAINSTEAM PLATFORM LOOP "A" MAINSTEAM 26-MS-1 ON STANCHION SLIDING SURFACE, N	N/A VISUAL VT-3 NO REDUCTION IN CF	.500" 86 CODE ROSS SECTIONAL AREA	B - ACCEPTED SP-1464 OF SUPPORT. NC	

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

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 STA	NCHION	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 STA	NCHION	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	

Zone CPL-215	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T""	Exam Date Exam Results
	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	215/Z	SLIDING STA	ANCHION	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

					7000	
Zone CPL-216	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T""	Exam Date Exam Results
	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	216/H	SLIDING STA	NCHION	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

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.

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-217	System Item # System # Elevation Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	217/T	SLIDING STA	ANCHION	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

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	i Exam Credit	Procedure
	218/E	SPRING HAN	IGER	2062	SI-20-H30	9/17/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY NEAR PEN. AUX1-X23-7' 14-AC-9	2118 VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	LOOSE PIPE CLAM	P BOLTING AN	D A COCKED BOLT. ESR 99-00216 A. NAL, WR/JO 99 ADKR1 WRITTEN TO	I. # 16 - WRITTEN TO		ES - NO OPERABILIT
	218/F-WS	CLOSED BOX	(RESTRAINT	N/A	AB-CAR-SI-20-61	9/17/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY NEAR PEN. AUXI-X22-7' 14-AC-9	N/A VISUAL VT-3	.500" 86 CODE	C - ACCEPTED SP-1464
	NOT ALL ATTACH	IMENTS ARE SH ICERN, SUPPOR	ITACE OF THE DESIGN DRAWING. ES IT IS FUNCTIONAL, ACCEPTABLE FOR	R 99-00216 A.I. # 20 -		
	218/G	ROD HANGI	ER .	N/A	SI-20-6100	9/17/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/N PIPE ALLEY W WALL AUX1-X21-7' 14-AC-9	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	LOCK NUT HAS	ICERN, SUPPOF	THREAD ENGAGEMENT. ESR 99-00 RT IS FUNCTIONAL, ACCEPTABLE FO	0216 A.I. # 27 - WR		
	218/H	CLOSED BOX	(RESTRAINT	N/A	AB-CAR-SI-20-60	9/17/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/N PIPE ALLEY W WALL AUX1-X20-7' 14-AC-9	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

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	•	Procedure	
	218/I	ROD HANGE	ER.	N/A	SI-20-H31	9/17/1999	
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/N PIPE ALLEY W WALL AUX1-X19-7' 14-AC-9	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTEE SP-1464	

Zone CPL-220	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/ Location Line #	Room		Hot Exa	d Set Set m Required m Type	Inte	port Sketch g. Att. / "T" m Credit	Exam Date Exam Results Procedure
	220/E1	CLOSED BOX				N/A			CAR-SI-20-2630	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 222'	AUX/A R RHR PUM 10-AC-2	HR PMP E WALL IP PIT		N/A VIS VT-	UAL	N/ <i>A</i> 86	A Code	A - ACCEPTED SP-1464
	220/F	TRAPEEZE W	/CRUSH SA	NDDLE & U-BOLT		N/A	A	SI-2	20-7600	8/30/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 228'	AUX/A R RHR PUM 10-AC-2	HR PMP E WALL IP PIT		N/A VIS VT-	UAL	.20 86	0" CODE	A - ACCEPTED SP-1464
WELDS										-
Zone CPL-220	Component ID P & ID System System # Line # Comments	Descript Code Cla Category Item #	ass	Diameter Pipe Sch Nom "T"	Building Location Component Elev Cal Std 1	7.	Exam Credit Exam Method Exam Type Cal Std 2	i	Procedure % CRV Exam Date Exam Results	
	220/38 5379-1484 Sht. 1 RHR 2045 AC-10	PIPE TO 2 C-F-1 C5.11	ELBOW	14" STD 0.375"	AUX RHR PUMP "A" 207' CPL-35		86 CODE SUR/VOL PT/UT N/A		SP-1453/SP-1455 82.5% 9/1/1999 *A - ACCEPTED	
	220/38LS 5379-1484 Sht. 1 RHR 2045 AC-10	LONGSE 2 C-F-1 C5.12	AM US/DS	14" STD 0.375"	AUX RHR PUMP "A" 207' CPL-35		86 CODE SUR/VOL PT/UT N/A		SP-1453/SP-1455 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.

Zone	Component ID P & ID	Description Category	Building/Room	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 RHR 2045	F-C F3.10-50 223'	AUX/RHR PUMP PIT RHR PUMP PIT 10-AC-1	N/A VISUAL VT-3	.500" 86 CODE	A - ACCEPTED SP-1464
	220A/N	CLOSED BOX	RESTRAINT	N/A	AB-CAR-SI-20-204	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 226'	AUX/B RHR PUMP PIT RHR PUMP PIT 10-AC-1	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	220A/O-WS	WELDED BOX	RESTRAINT	N/A	AB-CAR-SI-20-2310	9/14/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 218'	AUX/RHR PIT BETWEEN PUMPS RHR PUMP PIT 14-AC-11	N/A VISUAL VT-3	.625" 86 CODE	A - ACCEPTED SP-1464

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

Zone	Component ID P & ID	Description Category	Building/Room	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 HANGE	R	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	C 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 HANGE	i.R	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 THE	READ ENGAGE	MENT IDENTIFIED. ESR 99-00216 DNAL, WR/JO 99 ADKP1 WRITTEN	A.I. # 4 - WRITTEN TO AI	DDRESS DISCREPANCIES O DESIGN CONDITION	- NO OPERABILIT BY REPLACING TH
	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

Zone	Component ID P & ID	Description Category	Building/Room	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 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W18-8' 10-AC-1	N/A VISUAL VT-3	.750" 86 CODE	C - ACCEPTED SP-1464
	INTEGRAL ATTAC DISCREPANCIES - N	CHMENTS DO	NOT MATCH DESIGN DRAWING Y CONCERN, SUPPORT IS FUNCTIO CONDITION. WR/JO 99 ADEL1	i. ESR 99-00216 A.I. # NAL, ACCEPTABLE FOR U	ISE AS IS. DRAWING W	ILL BE UPDATED (PE
	221A/U	STRUT		N/A	SI-20-1181	8/31/1999
	5379-1484 Sht. 1 RHR 2045	F-C F3.10-50 233'	AUX/PIPE ALLEY AUX1-W19-12' 10-AC-1	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

Zone CPL-221B	Component ID P & ID System	Description Category Item #	Building/Room Location	Cold Set Hot Set Exam Required	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
CI L-ZZ I D	System # Comments	Elevation	Line #	Exam Type	Exam Credit	Procedure
	221B/F	SPRING CAI	N 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	I 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	I 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 THE	READ ENGAGA	MENT, MISSING BOLT. ESR 99-002 DNAL, ACCEPTABLE FOR USE AS IS	16 A.I. # 7 - WRITTEN TO		
	221B/J-WS	WELDED BOX	X 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

Zone	Component ID P & ID	Description Category	Building/Room	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
			AUX/PIPE ALLEY AUX1-V20-10' 6-SI-84 IED ON SPHERICAL BEARING. ESR RT IS FUNCTIONAL, WR/JO 99 ADRJ			
	222/F	ROD HANGE	R	N/A	SI-20A-1185	8/31/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 236'	AUX/PIPE ALLEY AUX1-V20-10' 6-SI-84	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

Zone	Component ID P & ID	Description Category	Building/Room	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 9/10/1999 C - ACCEPTED SP-1464 S - NO OPERABILITY
	222B/H	ROD & U-BO	LT RESTRAINT	N/A	SI-20-6013	9/10/1999
			AUX/PIPE ALLEY AUX1-W14-13' 10-SI-15 1ATCH FIELD. ESR 99-00216 A			SP-1464 - NO OPERABILITY
	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

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

Zone CPL-230	Component ID P & ID System System #	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Require Exam Type	Support Sketch Integ. Att. / "T" d Exam Credit	Exam Date Exam Results Procedure
	Comments					
	230/G	CLOSED BOX	RESTRAINT	N/A	AB-CAR-SI-20-10	9/10/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 227'	AUX/PIPE ALLEY AUX-1X9-2' 14-SI-1	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	230/I	CLOSED BOX	(RESTRAINT	N/A	AB-CAR-SI-20-1007	9/10/1999
			AUX/SI PMP RM W OF C PMP AUX1-X7-2' 16-SI-4 MENT. ESR 99-00216 A.I. # 8 - WRIT PTABLE FOR USE AS IS. DRAWING WIL			
	230/J-WS	WELDED SAD	DDLE W/U-BOLT	N/A	AB-CAR-SI-20-1006	9/10/1999
	5379-1082 Sht. 2 SI 2080	F-C F3.10-50 227'	AUX/SI PMP RM NW CORNER AUX1-X6-2' 16-SI-3	N/A VISUAL VT-3	.200" 86 CODE	A - ACCEPTED SP-1464

Zone CPL-231	Component ID P & ID System	Description Category Item #	Building/Room Location	Cold Set Hot Set Exam Required	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
0.220.	System # Comments	Elevation	Line #	Exam Type		
	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 SU	JPPORT	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

Zone CPL-232	Component ID P & ID System System #	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	Comments					
	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 ATTAC	HMENTS DO N	OT MATCH DESIGN DRAWING. ESR 99- RT IS FUNCTIONAL, ACCEPTABLE FOI	-00216 A.I. # 13 - WI R USE AS IS. DRAW	RITTEN TO ADDRESS D ING WILL BE UPDATE	ISCREPANCIES - NO D TO SHOW FIEL
	232/S	I-BEAM SUPPO	ORT	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 CONCERN, SUPPO CONDITION.	I DOES NOT N RT IS FUNCTIO	1ATCH FIELD. ESR 99-00216 A.I. # 22 NAL, ACCEPTABLE FOR USE AS IS. DR	2 - WRITTEN TO AD AWING WILL BE UPD	DRESS DISCREPANCIES ATED (PER ESR 98-004	- NO OPERABILIT 16) TO SHOW FIEL
	232/T	I-BEAM SUPP	ORT	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 CONCERN, SUPPO CONDITION.	TOOES NOT N RT IS FUNCTIO	1ATCH FIELD. ESR 99-00216 A.I. # 23 NAL, ACCEPTABLE FOR USE AS IS. DR	AWING WILL BE UPD.	ATED (PER ESR 98-004	16) TO SHOW FIEL

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
	070.01		ED A IN IT	N 1/A	AD CAD SLO 41 /4	9/70/1000
	232/V	U-BOLT REST		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 - ACCEPTEI SP-1464
	232/X-WS	U-BOLT W/C	RUSH 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/C	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

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.

WELDS

Zone	Component ID P & ID	Description Code Class	Diameter	Building Location	Exam Credit Exam Method	Procedure % CRV
CPL-232	System System # Line # Comments	Category Item #	Pipe Sch Nom "T""	Component Elev. Cal Std 1	Exam Type Cal Std 2	Exam Date Exam Results
	232/*D-WS	INTEGRAL ATT	ACHMENT > 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

Zone CPL-233	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	233/J-WS	U/BOLT W/C	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 REST	TRAINT	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	K 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 HAN	NGER 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 STRU	Т	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

Zone	Component ID P & ID	Description Category Building/Room Item # Location Elevation Line #		Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-234	System System # Comments			Exam Required Exam Credit Exam Type		Procedure
	234/E-WS	CLOSED WEL	DED BOX RESTRAINT	N/A	AB-CAR-SI-10-18	9/8/1999
	DISCREPANCIES - UPDATED (PER ES	NO OPERABIL R 98-00416) 1	AUX/SI PMP RM SW CORNER AUX1-V8-11' 6-SI-34 NOT MATCH DESIGN DRAWING. ESI ITY CONCERN, SUPPORT IS FUNCTI TO SHOW FIELD CONDITION. EXANOR TO REMOVE THE ARC STRIKES.	ONAL, ACCEPTABLE	FOR USE AS IS. DRAY	WING WILL BE
	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

Zone	Component ID P & ID System System # Comments	Description Category Building/Room	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-234A		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 REST	FRAINT 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	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

238/01A

5379-685 Sht. 2

CHG-PMP-A-DMP

CVCS 2060

Zone CPL-238	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	!	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	238/A-WS-1	WELDED STA	NCHION	1	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	Descript Code Cla		Building Location	Exam Credit Exam Method		
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	

AUX

228

CPL-36

AUX1-R25-0

HEAD TO HEAD

2

C-A

C1.10

14"

N/A

1.25"

86 CODE

VOL

uт

N/A

SP-1455

8/27/1999

A - ACCEPTED

100%

Zone	Component ID P & ID	Description Category	Building/Room	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 ANC	HOR	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 WR/JO 98 ADIC1 V	F-C F3.10-50 241' VAS WRITTEN 1	AUX/N PIPE ALLEY W WALL PIPE ALLEY 3-SI-14 TO REMOVE ARC STRIKES IDENTIFIED	N/A VISUAL VT-3 DURING THE VT-3 EXAN	1.000" 86 CODE MINATION.	A - ACCEPTED SP-1464
	239/U	U-BOLT REST	TRAINT	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 REST	FRAINT	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.

Zone CPL-239	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
	System System # Comments	Item # Location Elevation 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

Zone	Component ID P & ID	Description Category	Building/Room	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 SI 2080	F-C F3.10-50 235'	AUX/N PIPE ALLEY PIPE ALLEY 4-SI-110	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	241/R	CLOSED BOX	RESTRAINT	N/A	AB-CAR-SI-4-141	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 238'	AUX/BIT ROOM BIT ROOM 4-SI-110	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464
	241/S	CLOSED BOX	RESTRAINT	N/A	AB-CAR-SI-4-148	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 230'	AUX/BIT ROOM BIT ROOM 4-SI-110	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
	MISSING CONCRET	ΓΕ ON WALL. E	SR 99-00216 A.I. # 18 - WRITTEI OR USE AS IS, DRAWING WILL BE	N TO ADDRESS DISCREPANCE		
	241/T	ANGLE IRON	I SUPPORT	N/A	HBR2-10618/107B	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 231'	AUX/BIT ROOM BIT ROOM 4-SI-110	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464

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.

Zone CPL-241	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	241/U	CLOSED BOX	RESTRAINT	0	AB-CAR-SI-4-151	9/17/1999
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 230'	AUX/BIT ROOM BIT ROOM 4-SI-110	0 VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464
			ESR 99-00216 A.I. # 21 - WRITT OR USE AS IS. DRAWING WILL I			
	241/V	CLOSED BOX	(RESTRAINT	0	AB-CAR-SI-4-152	9/17/1999
			AUX/BIT ROOM BIT ROOM 4-SI-110 WALL. ESR 99-00216 A.I. # 20			C - ACCEPTED SP-1464 RABILITY CONCERN

Zone	Component ID P & ID	Description Category Building/Room		Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results Procedure
CPL-242	System System # Comments	Item # Location Elevation Line #	Exam Required Exam Type	Exam Credit		
	242/E	U-BOLT RES	TRAINT	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 BO	X 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

Zone CPL-244	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results	
	System System #	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure	
	Comments	Literation Line "					
-	244/E	ROD HANG	ER	N/A	HBR2-10618/110A	9/17/1999	
	5379-1082 Sht. 1 SI 2080	F-C F3.10-50 246'	AUX/PIPE ALLEY PEN AREA PIPE ALLEY 2-SI-65	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464	

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.

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-A	INTEGRAL A	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 A	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 A	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 A	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

Zone CPL-311	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" d Exam Credit	Exam Date Exam Results Procedure
	311/A-WS-B	BORIC ACID	STORAGE TANK "A"	N/A	HBR2-10618/124	9/8/1999
	5379-685 Sht. 3 CVCS	F-B F2.10-40	AUX/BA STORAGE TANK ROOM AUX1-P28-1	N/A VISUAL	.190" 86 CODE	C - ACCEPTED SP-1464
		CONCERN, SU	BA-STOR-TK-A AMENT AND COCKED ANCHOR BOLT. E PPORT IS FUNCTIONAL, ACCEPTABLE FO			
	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

Zone	Component ID P & ID	Description Category	Building/Room	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
<u> </u>	313/*X-WS	INTEGRAL A	TTACHMENT	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 SU	JPPORT	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 RESTRA	NINT 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 BO	X 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

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 SUPP	PORT	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 AUX1-024-15' 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	K 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 AUX1-027-15' 24-CW-12A	N/A VISUAL VT-3	1.000" 86 CODE	A - ACCEPTED SP-1464

Zone	Component ID P & ID System System # Comments	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-315		Item # Location Elevation Line #		Exam Required Exam Type	Exam Credit	Procedure
	315/H-WS	WELDED BOX	K 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

Zone CPL-324D	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	324D/CC-22	LI-ROLT GAI	NG 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 CHRG 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 GA	NG 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 CHRG 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 GA	NG 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 CHRG 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 GA	NG 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 CHRG 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 BO	X 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 BO	X 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

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 GAI	NG 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 GA	NG 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 GA	NG 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 GA	NG 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 GA	NG 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 GA	NG 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

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/FF-22	GANG HAN	GER 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 - ACCEPTEE SP-1464
	324D/FF-24	GANG HAN	GER 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 - ACCEPTEL SP-1464
	324D/FF-40	GANG HAN	GER 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 HAN	GER 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

Zone CPL-325	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	Comments					
	325/BB	ANGLE IRO	N 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 BO	X 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 R	OD 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 BO	X 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

Zone CPL-325	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	325/U	TRAPEEZE RO		N/A	HRB2-10618/139E	8/26/1999
	5379-376 Sht. 2 CCW	F-C F3.10-50	AUX/CHRG PMP ROOM AUX1-T23-16'	N/A VISUAL	N/A 86 CODE	A - ACCEPTED SP-1464
	4080	233'	16-AC-28	VT-3	66 CODE	37-1404
	325/V	PEDESTAL SU	IPPORT	N/A	HBR2-10618/139F	8/26/1999
	5379-376 Sht. 2	F-C	AUX/RHR HTX ROOM	N/A	N/A	A -ACCEPTED
	CCW	F3.10-50	AUX1T2316	VISUAL	86 CODE	SP-1464
	4080	240'	16-AC-28	VT-3		

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
CPL-326	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type		
	326/*G-WS	INTEGRAL A	TTACHMENT	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 A	TTACHMENT	N/A	HBR2-10618/140D	8/25/1999
	5379-376 Sht. 1 CCW 4080	D-A D1.20-60 228' WAS WRITTEN	AUX/CCW PMP A CCW PUMP ROOM 16-AC-17 TO REMOVE THE ARC STRIKES IDENTIFIED	N/A VISUAL VT-3 D BY THE EXAMINER	.270" 86 CODE	A - ACCEPTED SP-1464
	326/*P-WS	INTEGRAL A	TTACHMENT	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 SLIE	DING RESTRAINT	N/A	AB-CAR-AC-3-14/N3	9/9/1999
	5379-376 Sht. 1 CCW 4080 INADEQUATE THI SUPPORT IS FUNC	F-C F3.10-50 234' READ ENGAGEI	AUX/OUTSIDE SAMPLE SNK W WALL RAB HALLWAY 24-AC-14 MENT. ESR 99-00216 A.I. # 11 - WRITTEN PTABLE FOR USE AS IS. DRAWING WILL E	N/A VISUAL VT-3 N TO ADDRESS DISC SE UPDATED (PER ES	.500" 86 CODE CREPANCIES - NO OPERA OR 98-00416) TO SHOW	C - ACCEPTED SP-1464 ABILITY CONCER

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

Zone CPL-327	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	327/]	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 HANGE	:R	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
		ANCIES - NO O	E CLAMP AND ACTUAL CONFIGURAT PERABILITY CONCERN, SUPPORT IS FU			
	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 HANGE	ER .	N/A	HBR2-10618/141F	9/9/1999
C 4	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
		NO OPERABILI	TIPE CLAMP AND FEILD HAS A CLEV TY CONCERN, SUPPORT IS FUNCTION			

Zone CPL-327	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
	System System # Comments	Item # Location Elevation Line #		Exam Required Exam Type	Exam Credit	Procedure
	327/U	CLOSED BOX RESTRAINT W/TRAPEEZE HANGER		N/A	AB-CAR-AC-5-54/2	9/9/1999
	5379-376 Sht. 2 CCW 4080	F-C F3.10-50 246'	AUX/SEAL WATER HTX ROOM AUX2-G21-1' 8-AC-54	N/A VISUAL VT-3	N/A 86 CODE	C - ACCEPTED SP-1464

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.

Zone	Component ID P & ID	Description Category	•		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 H	IANGER	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

Zone	Component ID P & ID System System # Comments	Description Category Building/Room		Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
CPL-328		Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	328/U	ROD HANGI	ER.	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 I	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 ATTACHMENTS.	G SHOWS A I ESR 99-00216	PIPE CLAMP WITH INTEGRAL ATTAC A.I. # 32 - WRITTEN TO ADDRES E UPDATED (PER ESR 98-00416) TO SHO	S DISCREPANCIES -	NO OPERABILITY CON	IAS NO INTEGRA CERN, SUPPORT I
	328/X	CLOSED BOX	X 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

Zone CPL-329	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results Procedure
	329/G	I-BEAM SUP	PORT	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

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.

Zone	Component ID P & ID	Description Category	Building/Room	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/]	CLOSED BO	X 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 BO	X 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

Zone	Component ID P & ID	Description Category Building/Room	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 A D-B D2.20-60 234'	TTACHMENTS 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 F-C F3.10-50 234'	(RESTRAINT 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	WELDED BOX	X RESTRAINT	N/A	AB-CAR-FW-1-205	9/7/1999
	G-190197 Sht. 4 AFW 3065	F-C F3.10-50 234'	TURB/SDAFW PUMP ROOM SD AFW TURB 6-FW-18	N/A VISUAL VT-3	1.100" 86 CODE	A - ACCEPTED SP-1464

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 Require Exam Type	d Exam Credit	Procedure
	331B/*N-WS	INTEGRAL A	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
	ADDRESS DISCREP	ANCIES - NO	NTEGRAL ATTACHMENTS DO NOT MAT OPERABILITY CONCERN, SUPPORT IS FUD SHOW FIELD CONDITION.			
	331B/L	ROD HANG	ER	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 BO	X 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
		ANCIES - NO	NTEGRAL ATTACHMENTS DO NOT MAT OPERABILITY CONCERN, SUPPORT IS FU DITION.			
	331B/O	CLOSED BO	X 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

Zone CPL-332	Component ID P & ID	Description Category Building/Room		Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
	System System # Comments	Item # Elevation	Location Line #	Exam Required Exam Type	Exam Credit	Procedure
	332/*E-WS	INTEGRAL A	TTACHMENT	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 A	TTACHMENT	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 A	TTACHMENT	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 - ACCEPTEI SP-1464
	332/E-WS	WELDED BOX	X 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 - ACCEPTEI SP-1464
	332/F-WS	DUAL SPRIN	G 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

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Zone CPL-332	Component ID P & ID System System # Comments	Description Category Item # Elevation	Building/Room Location Line #	Cold Set Hot Set Exam Required Exam Type	Support Sketch Integ. Att. / "T" Exam Credit	Exam Date Exam Results 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

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	CLOSED BOX	(RESTRAINT	N/A	AB-CAR-FW-6C-102	9/7/1999
	G-190197 Sht. 4 FW 3050	F-C F3.10-50 241'	TURB/TURB BLDG NW BELOW MEZZ Turbine Building 4-FW-34	N/A VISUAL VT-3	N/A 86 CODE	A - ACCEPTED SP-1464

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results	
CPL-334B	System System # Comments	Item # Location Elevation Line #		Exam Required Exam Type	Exam Credit	Procedure	
	334B/D	SPRING SUPF	PORT	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 R	ESTRAINT	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	

Zone	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results	
CPL-337	System System # Comments	Item # Location Elevation Line #		Exam Required Exam Type	Exam Credit	Procedure	
	337/*A	INTEGRAL A	TTACHMENT	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 PU	UMP "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	

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

Zone	Component ID P & ID	Description Category	Building/Room	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

Zone	Component ID P & ID	Description Category	Building/Room	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 A	TTACHMENT	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 A	TTACHMENT	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 FEE	DWATER 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 FEE	DWATER 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

Zone CPL-215	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	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

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

Zone CPL-216	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	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.

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

Zone CPL-232	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
·	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	uт	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.

Zone CPL-234	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	234/04 5379-1082 Sht. 3 SI 2080 6-SI-31	PIPE TO 6" TEE 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
	234/04LS 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
	234/06 5379-1082 Sht. 3 SI 2080 6-SI-31	PIPE TO ELBOW 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
	234/06LS 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.

Zone CPL-234	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Reauired Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	234/08	PIPE TO VALVE SI	-880A	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
	234/08LS	LONGSEAM US/DS	5	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.

Zone CPL-248	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
· <u>*</u>	248/A-1	2" LOWER LEVEL		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 COI	NNECTION	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 CON	INECTION	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".

Zone CPL-248	Component ID P & ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T"	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	248/B-1	2" LOWER LEVEL TRA	NSMITTER	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 TRA	NSMITTER	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 TRAN	NSMITTER	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 TR	ANSMITTER	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".

Zone CPL-248	Component ID P & ID System System # Line #	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Required Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results	
	Comments						
	248/C-1	2" LOWER LEVE	L 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' HBR-ACCUM-1	PT/UT N/A	10/4/1999 A - ACCEPTED	
	SI-ACCUM-C	N/A	N/A	HBR-ACCUM-1	IN/A	A - ACCEPTED	
	248/C-7	3/4" SAMPLE CO	ONNECTION	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

Zone CPL-212	Component ID P & ID	Description Category	Building/Room	Cold Set Hot Set	Support Sketch Integ. Att. / "T"	Exam Date Exam Results
	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 TION AFTER THREADED ROD REPLACEMEN	10614 VISUAL VT-3	1.500" 86 CODE	A - ACCEPTED NDEP-613

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.

Zone CPL-215	Component ID P & ID ID System System # Line # Comments	Description Code Class Category Item #	Diameter Pipe Sch Nom "T""	Building Location Component Elev. Cal Std 1	Exam Credit Exam Method Exam Type Cal Std 2	Procedure % CRV Exam Date Exam Results
	215/01R	NOZZLE EXTENSIO	ON 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.

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

<u>Suppressor 15</u> - 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 "asfound" 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 "asfound" 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.

<u>Suppressor 30</u> - Visual inspection performed with no anomalies. Visual inspection performed before and after functional testing.

<u>Suppressor 31</u> - 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, <u>As-found</u>) - 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, <u>As-left</u>) functionally tested 10-4-99 with acceptable results. Suppressor S/N 34438 was installed in Location 13.

Suppressor 14 (Grinnell S/N 30090, <u>As-found</u>) 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, <u>As-left</u>) 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, <u>As-found</u>) 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, <u>As-left</u>) was functionally tested, with acceptable results, on 10-6-99 as a replacement for Location 22.

Suppressor 24 (Grinnell S/N 30082, <u>As-found</u>) 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, <u>As-left</u>) Suppressor (S/N 30076, PN 707 697 81, MAO407) 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, <u>As-found</u>) 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, <u>As-left</u>) Suppressor 17849 was tested at Harris on 10-5-99 with acceptable results.

Suppressor 32 (PSA S/N 17848, <u>As-found</u>) 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, <u>As-left</u>) 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	MS/FW Main Steam & Feedwater System Inside Containment		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

Work Order	Equipment Number	Plant System	Description of Activity
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 perimiter shim behind the baseplate of support AB-CAR-C-1-35/2.

Work	Equipment Number	Plant System	Description of Activity
99 ADTX1	Studs	Residual Heat Removal System	Replaced bonnet studs and nuts on RHR-706 due to corossion.
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".

Work Order	Equipment Number	Plant System	Description of Activity
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	г	Date	12/13/99	· · · · · · · · · · · · · · · · · · ·
		411 FAYETTEV	ILLE ST., RALI Address	ZIGH. NC 27	<u>7602</u> S	heet1	of2	
2.	Plan	н.	ROBINSON Name		U		2	
	_3581		e Rd: HARTSVI Address	LLE. SC 29			EE: N/A 001 CR: N zation PO No; J	
3. V	Work I	erformed by C	AROLINA POWER	& LIGHT C			mbol Stamp	
	3581		<u>e Rd: HARTSVI</u> Address	LLE. SC 29			No	
5. (6.	a) A b) Ap denti	fication of S pplicable Con plicable Edit	ystem: <u>Clas</u>	e: ASME II	I Edition:1980 Design Specia Zed for Repair	O Addenda:W fication: 95 rs or Replac Cod eplacement C	1980 Code Case 5479 ements: 1986 le Case: N/A	ASME Code Stamp
							Replacement	(Yes or No)
Inspection Port Bolting	on	Westinghouse	N/A	N/A	S/G C	1983	Replaced	N
Inspection Port Bolting	on	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 [X]
 Other [VT-3] Pressure[1000] psig Test Temp.[537] °F

FORM NIS-2 (Back)

Sheet	_2_	of	_2_	\boldsymbol{C}
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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 _ Certificate of Authorization No. N/A Expiration Date. 777 CV Elw ISI ENGINEER Date: 12/13 , 1999 Signed ner 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 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___ ___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. _Commissions_ Inspector's Signature National Board, State, Province, and Endorsements

99-027

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. Own	er <u>CAROLINA</u>	POWER & LIGHT	Dat	te	11/15/99			
•	411 FAYETTEV	ILLE ST. RALI	ZIGH. NC 27	7602 She	et1	of ·	•	
		Address						
2. Pla	antH			Uni	t	2		
3:	581 West Entran	Name <u>ce Rd: HARTSVI</u> Address	LLE. SC 29	550 W	R/JO:97 A	EE: N/A AZZ1 CR: J zation PO No;	N/A Job No; et	
3. Work	Performed by	CAROLINA POWER	& LIGHT C			mbol Stamp		
			a a	Aut	horization	No	N/A:	
_35	81 West Entrane	ce Rd: HARTSVI Address	LLE. SC 29	550 Exp	Expiration DateN/A			
4. Iden	tification of s	System: Clas	s: 2 SAFE	TY INJECTION SY	STEM	2080		
5. (a)	•			C. III Edition:		-	ago. W/l	
6.				Design Specifi	cation: N/	'A	dae:N/N	
				zed for Repairs	Cod	le Case: N/A		
dame of	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 study on SI-844A
- 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
 Other [] Pressure[160] psig Test Temp.[71.5] °F

97-028

FORM NIS-2 (Back)

Sheet	2	of	2	

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: StampN/A
Certificate of Authorization NoN/A
Expiration Date
Signed
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 ofWISCONSIN 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 $\frac{3/30/98}{}$ to $\frac{11/17/99}{}$ 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.
U.S. Commissions W: #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

				• .			
1. Owne	rCAROLINA	POWER & LIGHT Name	COMPANY	_ Dat	e	11/15/99	
• • •		Name	e e e				
-	411 FAYETTEVI		IGH. NC 27	602 She	et1	of2	<u> </u>
		Address					7.54
2. Pla	nt <u>H.B</u>	ROBINSON		Uni	t	2	
$x_1 + x_2 + x_3$		Name				1003 BB. N	
35	81 West Entranc	e Rd: HARTSVI	LLE. SC 29	550 W	SK#: 98-00 R/JO:97 Al	0023 EE: N	/A I/A
		ddress				zation PO No; S	lob No; e
3. Work	Performed by C	AROLINA POWER	& LIGHT C	OMPANY Typ	e Code Sym	abol Stamp	N/A
· · · · · · · · · · · · · · · · · · ·				Aut	horization	No	N/A
<u>35</u>	81 West Entrance	e Rd: HARTSVI Address	LLE. SC 29	550 Exp	iration Da	te	N/A
4 · T3	tification of G		- 2 CUEW	TOTAL NAME AND ADDITIONS	COMMINGE C	women.	2060
	tification of Sy	-		-			2000
5. (a)	Applicable Cons	struction Code	e: B31.1 Ed	dition:1967 Add	enda:N/A C	ode Case:N/A	
6.				Design Specifi	cation: N/	Α	
	Applicable Editi	ion of Section	n XI Utiliz	ed for Repairs			
					Coc	le Case: N/A	
6. Ident	tification of Co	omponents Repa	aired or Re	placed and Rep	lacement C	omponents	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes
*							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
	 		-	· · · · · · · · · · · · · · · · · · ·	 	 	+
		<u> </u>		<u> </u>			
			<u> </u>		1		-
	<u> </u>						
* * *							·

- 7. Description of Work: Replaced valve CVC-267 with new valve from stores.
- 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

 Other [] Pressure [36] psig Test Temp. [75] °F

97-029

Sheet _ 2 of _ 2

Remarks:	See	WR 97	AFYU1	turnover	package.

Applicable Manufacturer's Data Reports to be Attached

CÉRTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this <u>Replacement</u>, conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp _ Certificate of Authorization No. _____ Expiration Date. _ Signed _ 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_ 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 $\frac{11/19/99}{}$ 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. U-5. Oalle Commissions W: #100128

Inspector's Signature National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI REVISED *

						•	
Owne	CAROLINA	POWER & LIGHT	COMPANY	Da	te	11/16/99	
_			IGH. NC 27	602 Sh	eet <u>1</u>	of2	
Plan	nt <u>H.B</u>	ROBINSON Name					
_358			LLE, SC 29	550	WR/JO:98 A	BJS1 CR: N	
Work	Performed by C	AROLINA POWER Name	& LIGHT CO				
				Au	thorization	n No.	N/A
_358			LLE. SC 295	550 Exp	piration Da	ate	N/A
Ident	ification of S	ystem: ** Class	: 2 CONTA	AINMENT SYSTEM	80:	10	
(a)	Applicable Cons	struction Code	e: B31.1 Ed				
(b) A	pplicable Edit:	ion of Sectior	n XI Utiliz	ed for Repairs	-		
Ident	ification of Co	omponents Repa	ired or Re	placed and Rep	olacement (Components	
ıt	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
S-	Ebasco	N/A	N/A	Piping/Sleev	e 1971	Replaced	N
s-	Maintenance	N/A	N/A	Piping/Sleev	e 1998	Replacement	N
				i		1	l
· .							<u> </u>
		Plant	Name 411 FAYETTEVILLE ST RALE Address Plant H.B.ROBINSON Name 3581 West Entrance Rd; HARTSVI Address Work Performed by CAROLINA POWER Name 3581 West Entrance Rd; HARTSVI Address Identification of System: Class (a) Applicable Construction Code (b) Applicable Edition of Section Identification of Components Repair Name of Manufacturer Manufacturer Serial No.	Name 411 FAYETTEVILLE ST RALEIGH, NC 27 Address Plant H.B.ROBINSON Name 3581 West Entrance Rd: HARTSVILLE, SC 29 Address Work Performed by CAROLINA POWER & LIGHT CONTACT NAME 3581 West Entrance Rd: HARTSVILLE, SC 29: Address Identification of System: Class: 2 CONTACT (a) Applicable Construction Code: B31.1 Ed (b) Applicable Edition of Section XI Utilized Identification of Components Repaired or Research Manufacturer Serial No. S- Ebasco N/A N/A	Name 411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sh Address Plant H.B.ROBINSON Un Name 3581 West Entrance Rd: HARTSVILLE, SC 29550 Address Rej Work Performed by CAROLINA POWER & LIGHT COMPANY Name Aut 3581 West Entrance Rd: HARTSVILLE, SC 29550 Exp Address Identification of System: Class: 2 CONTAINMENT SYSTEM (a) Applicable Construction Code: B31.1 Edition:1967 Add Design Specif: (b) Applicable Edition of Section XI Utilized for Repairs Identification of Components Repaired or Replaced and Reg Address Identification of Components Repaired or Replaced and Reg Manufacturer Serial No. Board No. Identification S- Ebasco N/A N/A Piping/Sleeve	Name	All FAYETTEVILLE ST. RALEIGH. NC 27602 Sheet

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

98-009

Sheet	2	٥f	2	

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 ____ Certificate of Authorization No. _______N/A__ Expiration Date. _ ISI ENGINEER Date: 1/16 Signed ___ 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. U-1. Oelley Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements Date <u>Nov 17.</u>, 1999

5		AS Rec	quired by the	Provisions	OI THE ASME	Cod	e Section	n XI Revis	ed *
1.	Owner	CAROLINA	POWER & LIGHT Name	COMPANY	_ 1	Date	1	1/16/99	
		411 FAYETTEVI	LLE ST RALE Address	IGH. NC 27	602 <u> </u>	Sheet	1	of2	
2.	Plan	nt <u>H.B</u>				Jnit_		2	
	_358	11 West Entranc A	Name e Rd: HARTSVII ddress	LLE. SC 29		WR/		EE: N/A JS3 CR: N/ ation PO No; Jo	
	Work	Performed by C	AROLINA POWER	& LIGHT CO	MPANY 1	уре	Code Sym	bol Stamp	N/A
			Nome		A	Authorization No. N/A			
	_358	1 West Entranc	e Rd: HARTSVII Address	LLE. SC 295	550 E	Expir	ation Da	te	N/A
	Ident	ification of S	ystem: # Class	: 2 CONTA	INMENT SYSTE	EM	801	Q	
		Applicable Cons			Design Speci	ifica	tion: N/. r Replac	A	
•	Ident	ification of Co	omponents Repa	ired or Re	placed and R	tepla	cement C	omponents	
ame of omponen	t	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	on	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
leeve	s-	Ebasco	N/A	N/A	Piping/Slee	eve	1971	Replaced	N
leeve : 1-42	S-	Maintenance	N/A	N/A	Piping/Slee	eve	1998	Replacement	N

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

98-010

Sheet	2	ο£	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 <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization No. N/A
Expiration Date
Signed
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 <u>WISCONSIN</u> 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.
Inspector's Signature Commissions W: #100128 National Board, State, Province, and Endorsements
Date

		As Re	quired by the	Provisions	of the ASME	Code Section	n XI Revis	ed x
1.	Owne	r <u>CAROLINA</u>	POWER & LIGHT	COMPANY	D.	ate	11/16/99	· · · · · · · · · · · · · · ·
		411 FAYETTEV	ILLE ST., RALE	IGH. NC 27	602 SI	neet1	of2	· · ·
2.	Pla	nt <u>H.F</u>	ROBINSON		Ur	nit	2	
÷ ;	_35	81 West Entrand	Name :e_Rd: HARTSVI !ddress	LLE. SC 29!	550 <u> </u>	WR/JO:98 A1	EE: N/A BJS4 CR: N/ Zation PO No; Jo	
3.	Work	Performed by C		& LIGHT CO	MPANY Ty	pe Code Sym	abol Stamp	N/A
			Name		Au	thorization	No.	N/A
•	_358	31 West Entranc	e Rd: HARTSVII Address	LLE. SC 295			te	••
4.	Ident	ification of S	ystem: *Class	s: 2 CONTA	INMENT SYSTEM	1 801	.0	
5.	(a)	Applicable Con	struction Code					
5.	(b) A	applicable Edit	ion of Section		Design Specified for Repair	s or Replac		
5.	Ident	ification of C	omponents Repa	ired or Re	placed and Re	placement C	omponents	
lame of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Sleeve 12-42	S-	Ebasco	N/A	N/A	Piping/Sleev	re 1971	Replaced	N
Sleeve 12-42	S-	Maintenance	N/A	N/A	Piping/Sleev	re 1998	Replacement	N
·	 :						·	

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

98-011

Applicable Manufacturer's Data Reports to be Attached

FORM NIS-2 (Back)

Sheet	2	of	2

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"

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 StampN/A
Certificate of Authorization No
Expiration Date. N/A
Signed ISI ENGINEER Date: 11/16 1999
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
white the principal would be pailed and
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>WISCONSIN</u> 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. 5-Oalley Commissions W: #100128
Inspector's Signature National Board, State, Province, and Endorsements
Date

1.	Owne	rCAROLINA	POWER & LIGHT	COMPANY	Dat	e	11/15/99	· ·
	.	411 FAYETTEY	ILLE ST. RALE Address	EIGH. NC 27	602 She	et1	of2	
2.	Plan	nt <u>H.</u>	B.ROBINSON Name		Uni	:	2	
	_35(31 West Entran	ce Rd: HARTSVI Address	LLE. SC 29	<u>550</u> <u>w</u>	R/JO:97 A	0205 EE: N COCA CR: N zation PO No; J	/ A
3.	Work	Performed by	CAROLINA POWER	& LIGHT C	OMPANY Type	Code Syr	mbol Stamp	N/A
		·	Name		Auth	norizatio	n No	N/A
-	358	1 West Entranc	e Rd: HARTSVI Address	LLE. SC 29	550 Expi	ration D	ate	N/A
١.	Ident	ification of S	System: Clas	s: 3 SERV	ICE WATER SYSTEM	.	4060	
5.	(a)	Applicable Cor	struction Cod	e: B31.1 E	dition:1967 Adde Design Specific			
				•	zed for Repairs	Cod	de Case: N-416	-1
ame of	Ident			•	placed and Repl Other Identification	Cod	de Case: N-416	ASME Code Stamp (Yes or No)
ame of	Ident nt	ification of C	components Repo	nired or Re	oplaced and Repl	acement (Repaired, Replaced, or	ASME Code Stamp (Yes
ame of compone	Ident	ification of C Name of Manufacturer	Manufacturer Serial No.	nired or Re National Board No.	oplaced and Repl Other Identification	acement (Year Built	de Case: N-416- Components Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
iame of compone	Ident	ification of C Name of Manufacturer Ebasco	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement Replaced	ASME Code Stamp (Yes or No)
ame of compone -CW-1 -CW-1	17 17	ification of C Name of Manufacturer Ebasco Maintenance	Manufacturer Serial No.	National Board No.	Other Identification N/A	Year Built	Repaired, Replaced, or Replacement Replacement	ASME Code Stamp (Yes or No) N
dame of compone compon	17 17	ification of C Name of Manufacturer Ebasco Maintenance Ebasco	Manufacturer Serial No. N/A N/A	National Board No.	Other Identification N/A N/A	Year Built 1971 1998	Repaired, Replaced, or Replacement Replaced Replaced Replaced	ASME Code Stamp (Yes or No) N

- elbows and flanges.
- 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
 Other [] Pressure[43] psig Test Temp.[66] °F

Sheet	2	of	2

Remarks: See WR 97 ACOCA turnover package.

Applicable Manufacturer's Data Reports to be Attached

r
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
Certificate of Authorization No. N/A
Expiration Date.
Signed ISI ENGINEER Date: 1//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 ofWISCONSIN 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 $A/7/98$ to $11/7/99$ 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.
Inspector's Signature Commissions W: #100128 National Board, State, Province, and Endorsements
Date

APPENDIX II - MANDATORY

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

1.	wner <u>CAROL</u>	INA POWER & LI	GHT COMPAN	<u> </u>	Date	6/8/98	
	411 FAYETTI	WILLE ST. RA	LEIGH. NC	27602	Sheet	_1 of	
2.	Plant	H.B.ROBINSON Name		······································	Unit	2	
	3581 West Entr	ance Rd: HART Address	SVILLE, SC		Organiz	97ACOF1	Job No; etc.
3. W	ork Performed b	Name	nce		-	mbol Stamp	
	Same as 2. ab	ove. Address		Expira	ation Da	te	N/A
				Class 3			
(1	o) Applicable	Edition of Se	ction XI Ut	19 <u>67</u> Edition Note: 111zed for Repart Replaced and F	irs or	Replacements	1986
Name of Component	Name of	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. De	scription of Wo	ork <u>Replaced</u>	Aux. Bldg.	HVAC Cooler HV	H-8B		
. Te	st Conducted:	[]Hydrostati	la []	Pneumatic	[X] Nomi	inal Operatin	g Pressure
				e 45 psi Te nes, or drawings rough 6 on this		used, provided	

9. Remarks See WK 9/-ACOFI lumover package. Rej. Code Case N-410-1 Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> 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, 1998
Owner or Owner's Designee, Title
CORRECTION OF ANCIONATOR INCORPORTOR
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 ofNORTH 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 copped with this inspection.
11 11 ()) (at 1000
January Commissions NC 1073
Inspector's Signature National Board, State, Province, and Endorsements
Date
- 15 - 10 - 10 - 10 - 10 - 10 - 10 - 10

As Required by the Provisions of the ASME Code Section XI

		Name	IGHT COMPAN	·			
	411 PAYETT	EVILLE ST., R.	ALEIGH. NC	27602	Sheet _	_1 of	1
2.	Plant	H.B.ROBINSON	<u></u>		Jnit	2	
		Name			. * * . *		
	3581 West Entr		SVILLE. SC			WR 97-AFOE1	
		Address	<i>:</i>	Repair	Organiz	ation PO No; Jo	b No; et
. W	ork Performed b	y <u>Maintena</u> Name	nce			mbol Stamp	
				Author	ization	No	N/A
	Same as 2. ab	ove		Expira	tion Dat	te	N/A
		Address					
. Id	lentification o	f System <u>204</u>	5 RHR C	LASS 2			
. (a	l Annlicable (Construction (rode B31 1	19 <u>67</u> Edition N/	A Adder	nda N/A Code	Caso M/A
. ,	, Applicable	construction	Joue BJI.I	19 <u>07</u> Buicion M	B Adder	ida <u>iva</u> code (rase <u>N/A</u>
				ilized for Pens	iva aw E	enlacements 10	
(E) Applicable 1	Edition of Sec	ction XI Ut	ilized for keya	IIS OF F	repracements 1:	986
·				Replaced and Re			
. Id	entification of						ASME Code Stamped
. Id	entification of	f Components F	Repaired or	Replaced and Ro	eplaceme Year	Repaired, Replaced, or	ASME Code Stamped
Id Name of Component TR-605 Euds TR-605	entification of Name of Manufacturer	Manufacture r Serial No.	National Board No.	Replaced and Ro Other Identification	eplaceme Year Built	Repaired, Replaced, or Replacement	ASME Code Stampe (Yes on No)
Name of Component	entification of Name of Manufacturer Ebasco	Manufacture r Serial No.	National Board No.	Other Identification SA193, GR B7,	Year Built	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes of No)
Id Name of Component TR-605 Luds R-605	entification of Name of Manufacturer Ebasco	Manufacture r Serial No.	National Board No.	Other Identification SA193, GR B7,	Year Built	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes of No)
Name of Component	entification of Name of Manufacturer Ebasco	Manufacture r Serial No.	National Board No.	Other Identification SA193, GR B7,	Year Built	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes of No)
·	entification of Name of Manufacturer Ebasco	Manufacture r Serial No.	National Board No.	Other Identification SA193, GR B7,	Year Built	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes of No)

and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

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
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 Date Date
Owner or Owner's Designee, Title
OPPORTUGATION OF THE PROPERTY
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
$-\frac{4/20/98}{}$ to $\frac{1/28/99}{}$.
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.
requirements of the ASMS code, Section Ar.
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 agising from or connected with this inspection.
$II \cap AI (I)$
Mash Frankly (), commissions NC+ 1073
Inspector's Signature National Board, State, Province, and Endorsements
, '
Date

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

		Name	IGHT COMPAN	<u> </u>	Date	12/14/9	
	411 PAYETT	EVILLE ST., RA	LEIGH. NC	27602	Sheet _	_1 of	1
2.	Plant				rrada ·	2	
		Name			DIII		
	3581 West Ent	rance Rd: HART	SVILLE. SC	29550		WR 98-AAKT	1
* **		Address		Repair	Organia	tation PO No; Jo	ob No; et
. Wo	ork Performed 1		nce	Туре	Code Sy	mbol Stamp	N/A
		Name		Author	ization	No.	N/A
	: <u>Same as 2. ab</u>	oove.				te	
-		Address			cron ba		_11/,∧
. Iđ	entification o	f System	206	0 Class 2		·	
Iđe		•		ilized for Repa		_	
iame of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or
	i			ł	ŀ	vehiacement	1 '
	1	1	ł	l		į	No)
VC-277A	Ebasco	N/A	N/A	Valve	1971	Replaced	No)
	Ebasco Maintenance	N/A N/A	N/A N/A	Valve Valve	1971 1998	Replaced Replacement	
-CH-							N
CVC-277A C-CH- 51R-6A	Maintenance	N/A	N/A	Valve	1998	Replacement	N
CVC-277A C-CH- 51R-6A CH- 502R- 36	Maintenance Ebasco	N/A	N/A N/A	Valve Piping	1998	Replacement Replaced	N

and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks See WR 98-AAKT1 turnover package. Applicable Manufacturer's Data Reports to be attached
an 12/14/98
Reference rode Case. N416-1. DS 12/14/98
CERTIFICATE OF COMPLIANCE We certify that the statements made in the report are correct and this
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 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 ofNORTH CAROLINA and employed byTHE 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 <u>September 1999</u> ,
and state that to the best of my knowledge and belief, the Owner has performed examinations
and taken corrective measures described in this Owner's Report in accordance with the
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.
amon Chaladanes commissions NC1035
Inspector's Signature National Board, State, Province, and Endorsements
Date

South the firm of

APPENDIX II - MANDATORY

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

1. 0	wner <u>CAROL</u>	INA POWER & LI Name	GHT COMPAN	ry	Date	12/14/9	3
	411 FAYETTI	VILLE ST., RA	LEIGH. NC	27602	Sheet _	of	1
2	Plant	H.B.ROBINSON			Jnit	2	
	3581 West Entr		SVILLE. SC			WR 98-ADBY1	
		Address		Repair	Organiz	ation PO No; Jo	b No; etc.
3. Wo	rk Performed b	y <u>Maintenar</u> Name	nce	Туре	Code Syn	mbol Stamp	N/A
	•			Author	ization	No.	N/A
_	Same as 2. ab	•		Expira	tion Dat	:e	N/A
		Address				•	
4. Ide	entification of	System	406	0 Class 3		<u>.</u>	_: :
5. (a)	Applicable (Construction C	ode <u>B31.1</u>	19 <u>67</u> Edition N/	A Adder	nda <u>N/A</u> Code (Case N/A
(b)	Applicable E	dition of Sec	tion XI Ut	ilized for Repa	irs or F	Replacements 19	86
6. Ide	entification of	Components R	epaired or	Replaced and R	eplaceme	nt 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
	cription of Wor			bolt and nut. o		Operating Press	sure 🛛
•		Other	Pressu	re <u>>15</u> psi	Test To	emp. <u>>75</u> °r	
				es, or drawings a ough 6 on this r			

and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks <u>See WR 98-ADBY1 turnover package.</u> 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 thisReplacement
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
Owner or Owner's Designee, Title
OURSELEVANCE TRANSPORT TRANSPORTOR
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 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
arising from or connected with this inspection.
On Alberta
Inspector's Signature Commissions NC 1035 National Board, State, Province, and Endorsements
Date 12-14 1998

As Required by the Provisions of the ASME Code Section XI

1	161 <u>CANOUL</u>	Name	HT COMPANY	D _i	ate <u> </u>	8/28/98	
to Luther to	411 PAYETTE	VILLE ST., RAL Address	BIGH. NC 2	7602	Sheet	1 of	1
. P1	ant1	H.B.ROBINSON			Jnit	2	
		Name					
_3	581 West Entr	ance Rd: HARTS	VILLE. SC	29550		WR 98ADPA1	
		Address		Repair	Organiza	ion PO No; Jo	b No; etc.
. Wor	k Performed by	y <u>Maintenan</u>	ce	туре	Code Syn	abol Stamp	N/A
	· · · · · · · · · · · · · · · · · · ·	Name		Author	rization	No.	. N/A
orioni Nationis		•	•		•		
	Same as 2. abo	ove. Address	•	Expira	tion Dat	e	N/A
•		AULI 699				•	
Ide	ntification of	f System <u>SERV</u>	ICE WATER	CLASS 3	· · · · ·		
(a)	Applicable (Construction C	ode <u>B31.1</u> 1	19 <u>67</u> Edition N/A	Addend	a N/A Code	Case N/A
<i>(</i>)- \				lli-sa fan Damai	B-	-l	106
(ъ)	Applicable i	saltion of Sec	flon XI Ofl	ilized for Repai	is or Re	pracements 1	
Ide	ntification of	Components R	epaired or	Replaced and Re	placemen	t Components	
ame of	ntification of Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	placemen Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No
Name of Component	Name of	Manufacturer	National	Other	Year	Repaired, Replaced, or	Code
Tame of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No.
ame of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No
ame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built 1971	Repaired, Replaced, or Replacement	Code Stamped (Yes or No
ame of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built 1971	Repaired, Replaced, or Replacement	Code Stamped (Yes or No.
ame of component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built 1971	Repaired, Replaced, or Replacement	Code Stamped (Yes or No.
ame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built 1971	Repaired, Replaced, or Replacement	Code Stamped (Yes or No
ame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built 1971	Repaired, Replaced, or Replacement	Code Stamped (Yes or No
ame of component ervice	Name of Manufacturer Ebasco	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	Code Stamped (Yes or No
ame of omponent ervice	Name of Manufacturer Ebasco	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	Code Stamped (Yes or No
ame of omponent ervice ump	Name of Manufacturer Ebasco	Manufacturer Serial No. N/A rk Drilled 4	National Board No.	Other Identification N/A N/A	Year Built 1971	Repaired, Replaced, or Replacement Repaired	Code Stamped (Yes or No N
ame of component ervice	Name of Manufacturer Ebasco eription of Wo	Manufacturer Serial No. N/A rk Drilled 4	National Board No. N/A	Other Identification N/A N/A	Year Built 1971	Repaired, Replaced, or Replacement Repaired	Code Stamped (Yes or No N

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.

9. Remarks <u>See turnover package for WR 98-ADPA1</u>	
Applicable Manufacturer's Data Reports to be at	tached
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this	Pensired
	pair or replacement
conforms to the rules of the ASME Code, Section XI.	
Type Code Symbol StampN/A	
Certificate of Authorization No Expiration Date	
Signed ISI ENGINEER	Date9/29, 1998
Owner or Owner's Designee, Title	· · · · · · · · · · · · · · · · · · ·
	···
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National	Tours of Bailow and
	Board of Boller and
Pressure Vessel Inspectors and the State	
or Province of NORTH CAROLINA and employed	
BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, C	CONNECTICUT
have inspected the components described in this Owner's Report during	the period
4/21/20 2/20/20	and state that
to the best of my knowledge and belief, the Owner has performed examin	
corrective measures described in this Owner's Report in accordance wit	
	y cue rednitements or
the ASME Code, Section XI.	
By signing this certificate neither the Inspector or his employer makes	s any warranty,
expressed or implied, concerning the examinations and corrective measure	res 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 damag	ge or a loss of any kind
arising from or connected with this inspection.	
1/1/1/	
John Freight h. commissions NC # 1073	_
Inspector's Signature National Board, State, Prov	ince, and Endorsements
2122 16	
Date	•

1. Owner CAROLINA POY	WER & LIGHT CO	MPANY	Da	te <u>6</u>	/9/98	adamet.
1	Vame		•			
411 FAYETTEVILLI	E ST., RALEIGH.	NC 27602	She	et _1_ of	1	
2. Plant H.B.ROBINSON	Address Vame		Uni	it <u>2</u>	<u> </u>	
3581 West Entranc	e Rd. HARTSVILL	E SC 29550	· .	WR/.I	O 98-ADPS1	
	Address				cation PONOJo	No.,etc
3. Work Performed by <u>Mai</u>	intenance Name	·. ——————	,	_	nbol Stamp <u>N/</u> No. <u>N/A</u>	
	s 2. above. Idress		Ехр	iration Dat	e <u>N/A</u>	
I. Identification of System	CVC	3·	Class 3			•
5. (a) Applicable Construct (b) Applicable Edition of 6. Identification of Component Name of Name of Manufacturer	Section XI Utilize	ed for Repairs	or Replacements	1 <u>986</u>	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or
Piping Ebasco	. N/A	N/A	N/A	1971	Repair	No) No
			!			
Description of WorkRep						
Other []	P <u>ressur</u> e	psi _	Test Temp.	*F		
OTE: Supplemental sheets in information in items 1 thro			- · ·			

- 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (
9. Remarks See WR/JO 98-ADPS1 Turnover Package Ref. Code Case N416-1
Applicable Manufacturer's Data Reports to be attached
794
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 StampCertificate
of Authorization No. N/A Expiration Date N/A
Signed D-H. So ISI 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
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 National Board, State, Province, and Endorsements
Date 6/19 , 1998

		INA POWER & LI Name		-			
	411 FAYETTI	VILLE ST., RA Address	LEIGH, NC	27602	Sheet	_1 of	_1
2. P	Plant	H.B.ROBINSON Name	·		Jnit		
• *					•	tm 00 250**	•
_	3581 West Entr	Address	SVILLE. SC		Organiz	WR 98-AECI1 ation PO No; Jo	
. Wo	rk Performed b	y <u>Maintena</u> Name	nce	Туре	Code Syn	mbol Stamp	N/A
				Author	ization	No	N/A
	Same as 2. ab	ove.		Expira	tion Dat	te	N/A
		Address					
. Ide	entification of	f System	208	0 Class 2			
. (a)	Applicable (Construction C	ode <u>B31.1</u>	19 <u>67</u> Edition <u>N/</u>	Adder	nda <u>N/A</u> Code (Case <u>N/A</u>
(b)	Applicable F	dition of Sec	tion XI Ut	ilized for Repa	irs or R	Replacements 19	986
, ,							
. Ide	entification of	: Components R	epaired or	Replaced and Re	praceme	To Components	Ţ.
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
					1		No)
Stud	Ebasco	N/A	N/A	Rod, Thrd, 3/4	1971	Replaced	1
	Ebasco Maintenance	N/A N/A	N/A N/A	1 .	1971	Replaced Replacement	No)
Stud Stud				-10,S Rod,Thrd,3/4			No)
				-10,S Rod,Thrd,3/4			No)

9. Remarks See WR 98-AECI1 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 thisReplacement repair or replacement
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization NoN/A Expiration DateN/A
Tit C Expiration Date N/A
Signed Date
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 ofNORTH 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 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.
y signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
wner's Report. Furthermore, neither the Inspector nor his employer
hall be liable in any manner for any personal injury or property damage or a loss of any
ind arising from or connected with this inspection.
A
Comon 6 (Maladanes commissions NC 1035
Inspector's Signature National Board, State, Province, and Endorsements
- Substitution and Endorsements
ate12-14
. 19

	OwnerCAROL	INA POWER & L	IGHT COMPAI	43.	Date	1/28/99)
	411 FAYETT	EVILLE ST., R	ALEIGH, NC	27602	Sheet	_1 of	1
	•	Address					
2.	Plant				Unit	2	
		Name			1.5		•
	3581 West Ent		rsville, sc			WR 98-AENI	
		Address		Repair	r Organiz	ation PO No; Je	ob No; etc
3.	Work Performed 1	oy <u>Maintena</u> Name	ınçe	Туре	Code Sy	mbol Stamp	N/A
	•	Name		Author	ization	No	N/A
	Same as 2. al		·	Expira	tion Da	te	N/A
		Address					
4. Iden	tification of S	ystem <u>2060 C</u>	/CS BORIC A	CID FILTER. CL	ASS 2		·
5. 5.	a) Applicable	Construction	Code <u>B31.1</u>	19 <u>67</u> Edition N/	A Adder	nda <u>N/A</u> Code	Case <u>N/A</u>
•	b) Applicable	Edition of Se	ction XI Ut	ilized for Repa	irs or F	Replacements 1	986
6. 1	dentification o	f Components	Repaired or	Replaced and R	eplaceme	ent Components	
Name of Componer	Name of Manufacturer	Manufacture r Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or
	Ebasco	N/A	N/A	SA193, GR B7, Commercial Ded.	1971	Replaced	N
Cap Screw	1				1000	 	t
_	Maintenance	N/A	N/A	SA193, GR B7, Commercial Ded.	1998	Replacement	N
Screw Cap	Maintenance Ebasco	N/A	N/A N/A	SA193, GR B7, Commercial Ded. SA194, GR. 8	1971	Replacement Replaced	N
Screw Cap Screw				Commercial Ded.			
Screw Cap Screw Hex Nut	Ebasco Maintenance	N/A	N/A	Commercial Ded. SA194, GR. 8	1971	Replaced	N
Screw Cap Screw Hex Nut Hex Nut	Ebasco Maintenance Commcial Filter Co.	N/A N/A	N/A N/A	Commercial Ded. SA194, GR. 8 SA194, GR. 8	1971 1998	Replaced Replacement	N
Screw Cap Screw Hex Nut Hex Nut Fastene: Screw Fastene: Screw . De	Ebasco Maintenance Commcial Filter Co.	N/A N/A N/A N/A RK REPLACED 1 /8-11X4.13 EAG	N/A N/A N/A N/A NUT.HX.HV.5	Commercial Ded. SA194, GR. 8 SA194, GR. 8 Nylon Nylon /8-11.SS.15 EAC	1971 1998 1971 1998 H; FAST	Replaced Replaced Replaced	N N N N

9. Remarks SEE WR 98-AENII 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
repair or replacement
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Date 1/28/99 . 19
Owner or Owner's Designee, Title
1/28/19
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 $\frac{4/20/98}{}$ to $\frac{1/28/99}{}$
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. Washing from or connected with this inspection. Washing from or connected with this insp
Date

	411 PAYET	TEVILLE ST., F	ALEIGH, NC	27602	Sheet _	of	1
2. 1	Plant	H.B.ROBINSON			Plani to	2	•
•		Name			·····		
	3581 West Ent	rance Rd: HAR	TSVILLE, SO			WR 98-AF	UP1
		Address		Repai	r Organi	zation PO No;	Job No; et
3. Wo	rk Performed	by <u>Mainten</u>	ance	Туре	Code S	ymbol Stamp _	N/A
	e 15	Name	•	Autho	rization	n No	N/A
	Same as 2. al	nove					
_		Address		Expir	ation Da	ite	N/A
. Ide	entification o	of System	40	60 Class 3			
. (a)				•			
· (a,				19 <u>67</u> Edition N			
(b)	Applicable	Edition of Se	ction XI U	tilized for Repa	airs or	Replacements	1986
. Ide	ntification o	f Components	Repaired or	Replaced and I	Replacem	ent Component	ts
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or	ASME Code Stamped
				, N		Replacement	(Yes or No
30-CW-11	Ebasco	N/A	N/A	Piping	1971	Repair	N
				7.			
Desc	ription of Wo	rk	Baco moto			~	
Desc	ription of Wo	rk	Base meta	al Repair of Pir	oing 30-	CW-11.	
· · · ·				1. 11 (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	,		
· · · ·		rk		1. 11 (1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	,	CW-11.	essure []

9. Remarks See WR 98-AFUP1 turnover package.
Applicable Manufacturer's Data Reports to be attached
Reference rode case N416-1. DS 12/14/92
CERTIFICATE OF COMPLIANCE
·
We certify that the statements made in the report are correct and this <u>Repair</u> repair or replacement
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed
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 ofNORTH CAROLINA and employed byTHE 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 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.
Comon & Valladanes Commissions NC 10.35
Inspector's Signature National Board, State, Province, and Endorsements
Date 15-14 , 19 98
Date /2-74 , 19 76

		NA POWER & LIC	GHT COMPAN	<u>λ</u> 1	Date	2/17/99	
		Name					
•	411 PAYETTE	/ILLE ST., RAI Address	LEIGH. NC	<u>27602</u> \$	Sheet	<u>1</u> of	1
2. P	.ant:	P POPINCON		•	mir .	2	
Z. F.	.anc	Name			·III.C	<u> </u>	
_3	581 West Entra	nce Rd: HARTS Address	VILLE. SC			WR 98-AHUN ation PO No; Jo	
		Addr 632		Kepaii	Organiza	acton fo No, o	MO, ecc.
3. Wor	k Performed by	<u>Maintenan</u> Name	ce	Туре	Code Sym	mbol Stamp	N/A
				Author	ization	No	N/A
	Same as 2. abo	ve eve		Evoi rai	tion Dat	:e	N/A
-	Jame us z. abo	Address			cron buc		- N/ A
				44#= ==================================			_
. Identif	ication of Sys	tem <u>2060 CVC</u>	S ISV-LCV-	115B INLET DRAI	N AND P.	IPING, CLASS	2
5 5. (a)	Applicable Co	onstruction Co	ode <u>B31.1</u>	19 <u>67</u> Edition <u>N/</u> 2	Adden	da N/A Code	Case <u>N/A</u>
					_		
(b)	Applicable Ed	lition of Sect	tion XI Uti	ilized for Repai	irs or R	eplacements 1	986
,,				ilized for Repai		-	986
. Ider	atification of	Components Re	epaired or	Replaced and Re	eplaceme	nt Components	986
. Ider	Name of		epaired or	Replaced and Re	eplaceme Year	nt Components	ASME
. Ider	atification of	Components Re	epaired or	Replaced and Re	eplaceme	nt Components	
. Ider	Name of	Components Re	Ppaired or National Board	Replaced and Re	eplaceme Year	nt Components Repaired, Replaced,	ASME Code Stamped (Yes or
. Ider	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped
. Ider	Name of	Components Re	Ppaired or National Board	Replaced and Re	eplaceme Year	Repaired, Replaced,	ASME Code Stamped (Yes or
. Ider	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Component REFUELIN G WATER TO CHG PMPS	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	ASME Code Stamped (Yes or No)
Name of Component REFUELIN G WATER TO CHG	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	ASME Code Stamped (Yes or No)
Name of Component REFUELIN G WATER TO CHG PMPS	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	ASME Code Stamped (Yes or No)
Name of Component REFUELIN G WATER TO CHG PMPS	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	ASME Code Stamped (Yes or No)
Name of Component REFUELIN G WATER TO CHG PMPS	Name of Manufacturer	Components Re Manufacture r Serial No.	Ppaired or National Board No.	Replaced and Re Other Identification	Year Built	Repaired, Replaced, or Replacement Repaired	ASME Code Stamped (Yes or No)

9. Remarks <u>SEE WR 98-AHUN1 TURNOVER PACKAGE</u>	
Applicable Manufacturer's Data Reports to be attached	
OC PERFORMED VISUAL EXAM OF GRIND REMOVAL AREA, ALSO PERFORMED PT OF GRINDING SURFACE FO	OR TH
ABSENCE OF THE LINEAR INDICATION.	
CERTIFICATE OF COMPLIANCE	•
We certify that the statements made in the report are correct and thisREPAIRED	
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	- , i
Signed Date 2/17 , 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	
	1
or Province of VIRGINIA and employed byTHE 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 examination	15
and taken corrective measures described in this Owner's Report in accordance with the	
requirements of the ASME Code, Section XI.	ı
	ı
en de la companya de La companya de la co	I
by signing this certificate neither the Inspector or his employer makes any warranty,	1
expressed or implied, concerning the examinations and corrective measures described in thi	s
wner's Report. Furthermore, neither the Inspector nor his employer	
hall be liable in any manner for any personal injury or property damage or a loss of any	
ind arising from or connected with this inspection.	
Mach M. Here Commissions VA 424 ANI	
Inspector's Signature National Board, State, Province, and Endorsements	
ate 2/17 10 99	

1.	Owner CAR						
		OLINA POWER & Name	LIGHT COMP.	ANY	Date _	1/25/9	99
	411 PAVE	ITEVILLE ST.	D11 77011	- oricoa			
	- 111 1815	Address	RALEIGH. NO	27602			
2.	· Dlane	# D DODGE				The second secon	
••	ranc	H.B.ROBINSON Name	<u>N : </u>		Unit _	2	<u> </u>
	_3581 West En	trance Rd: HAF	RTSVILLE, S			PM ALEL O	01
		Address		Repa	ir Organi	ization PO No;	Job No; et
3. 1	Work Performed	by <u>Mainten</u>	ance	Туре	e Code S	ymbol Stamp	N/A
		Name					•
		•		Autho	prization	n No.	N/A
	Same as 2. a	above.		Expir	ation Da	ate	N/A
		Address					
. I	dentification	of System 40	60 SERVICE	WATER, CLASS 3			
• • (a) Applicable	Construction	Code <u>B31.1</u>	19 <u>67</u> Edition N	<u>/A</u> Adde	enda <u>N/A</u> Code	Case N/A
C				tilized for Rep			_
·						•	
. I	dentification	of Components	Repaired or	r Replaced and I	Replacem	ent Components	•
			1				
Name of	Name of	Manufacturer	National Board No.	Other Identification	Year Built	Repaired,	ASME
Name of	Name of	Manufacturer	National	Other Identification			ASME Code
Name of	Name of	Manufacturer	National			Repaired, Replaced,	ASME Code Stamped (Yes or
Name of Componen	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Identification	Built	Repaired, Replaced, or Replacement	ASME Code Stamped
Name of Component	Name of	Manufacturer	National			Repaired, Replaced, or	ASME Code Stamped (Yes or
Name of Component	Name of Manufacturer JOHNSTON PUMP JOHNSTON	Manufacturer Serial No.	National Board No.	Identification	Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Componen	JOHNSTON PUMP JOHNSTON PUMP,	Manufacturer Serial No.	National Board No.	Identification TYPE 16PS	Built 1971 -	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Component	Name of Manufacturer JOHNSTON PUMP JOHNSTON	Manufacturer Serial No.	National Board No.	Identification TYPE 16PS	Built 1971 -	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Component	JOHNSTON PUMP JOHNSTON PUMP,	Manufacturer Serial No.	National Board No.	Identification TYPE 16PS	Built 1971 -	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Component	JOHNSTON PUMP JOHNSTON PUMP,	Manufacturer Serial No.	National Board No.	Identification TYPE 16PS	Built 1971 -	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Name of Component	JOHNSTON PUMP JOHNSTON PUMP,	Manufacturer Serial No.	National Board No.	Identification TYPE 16PS	Built 1971 -	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)

9. Remarks <u>SEE ALEL 001 TURNOVER PACKAGE.</u>
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
conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Date Date
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 ofNORTH 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
$\frac{4/20/98}{}$ to $\frac{2/4/99}{}$
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.
y signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
wner's Report. Furthermore, neither the Inspector nor his employer
hall be liable in any manner for any personal injury or property damage or a loss of any
ind arising from or connected with this inspection.
Johnsley From Commissions NC # 1073
Inspector's Signature National Board, State, Province, and Endorsements
214
ate2/4

	411 PAYETTEV	TLLE ST. RAL	EIGH. NC 27	7602	Sheet _	of	1
2. I	Plant				Unit		
		Name			Onie	Z _	
•	3581 West Ent	rance Rd: HAR'	TSVILLE. SC			98_AHXN4	·
		Address		Repai	r Organi	zation PO No;	Job No; et
. Wo	rk Performed 1	by <u>Maintena</u> Name	ince	Туре	Code S	mbol Stamp _	N/A_
		Name		Autho	rization	No.	N/A
·	3581 West Ent	rance Rd: HAF	TSVILLE. S	<u>C 29550</u> Expir	ation Da	te	N/A
		Address		•		• .	· .
. Ide	entification c	of System_ISV_	CTMT_SUMP_I	PUMP DISCHARGE	‡ _7070		
. (a)) Applicable	Construction	Code <u>B31.1</u>	1967 Edition N	∠A Adde	nda N/A Cod	e Case N/I
(b)				tilized for Rep			
••	*						
Ide	mtification o	Components	Repaired or	Replaced and I	Replacem 1	ent Component	ts
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 N
D-1728	ITT GRINNELL	N/A	N/A	BONNET	1971	REPLACED	NO
CV-018	ITT GRINNELL	N/A	N/A	BONNET	1971	REPLACED	NO
			-		ļ		
		-					
				1			

Applicable Manufacturer's Data Reports to be attached
CERTIFICATE OF COMPLETING
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 StampN/A
Certificate of Authorization NoN/AExpiration DateN/A
Signed Date April 7, 19 29
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 ofNORTH CAROLINA and employed byTHE HARTFORD
STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period to 4799
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.
requirements of the ASML 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
arising from or connected with this inspection.
Commissions NC 1073 National Board, State, Province, and Endorsements
Pate

As Required by the Provisions of the ASME Code Section XI

	the state of the s				to the extension of the control of the separate of the separat			
1. Owne	er <u>CAROLINA</u>	POWER & LIGHT	COMPANY	Dat	e	11/2/99		
	411 FAYETTEV	LLE ST. RALE Address	IGH. NC 27	602 She	et1	of2		
	int <u>H.</u> J	ROBINSON		Uni	•	22		
	81 West Entrand	Name	LLE. SC 29	E: 550 W	SR#: N/A R/JO:ALFN	EE: N/A 002 CR: N zation PO No; J	<u>/A</u> ob No; et	
3. Work	Performed by C	AROLINA POWER	& LIGHT C	OMPANY Type	Code Sym	nbol Stamp	N/A	
		Name	•			No.		
_35	81 West Entranc	e Rd: HARTSVI Address	LLE, SC 29	55 <u>0</u> Expi	ration Da	te	N/A	
4. Iden	tification of S	ystem: <u>Clas</u>	s: 1 REAC	OR COOLANT SYST	TEM	2005	•	
5. (a)	Applicable Con	struction Code	e: ASME Sec	tion III Edition Design Specific			ase: N/A	
6. (b) <i>i</i>	Applicable Edit	ion of Section	XI Utiliz	ed for Repairs	or Replac			
6. Ident	ification of C	omponents Repa	ired or Re	placed and Repl	acement C	omponents	T	
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	
<u> </u>			1			·		

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

99-003

Sheet 2 of _

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 StampN/A
Certificate of Authorization No
Expiration DateN/A
Signed 772 41 61
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
COMIFICATE 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
/0-18-99 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 cortificate neither the Tanastan as his and a
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.
10 t. O. Phys
Inspector's Signature Commissions W; \$100128 National Board, State, Province, and Endorsements
Date

APPENDIX II - MANDATORY

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 Name	COMPANY	_ Da	te1	1/4/99	
	- 411 FAYETTEVI	LLE ST. RALE	IGH, NC 276	502 Sh	eet <u>1</u> _	of2	
2. Plar	nt H.B	ROBINSON Name				. 2	
_358	31 West Entrance Ad	e Rd: HARTSVII ddress	LE. SC 295	550		EE: N/A 001 CR: N/ ation PO No; Jo	
3. Work	Performed by CA		& LIGHT CO	MPANY Ty	pe Code Sym	bol Stamp	N/A
	-	Name		Ąu	thorization	No	N/A
_358	1 West Entrance	e Rd: HARTSVII Address	LE. SC 295	550 Ex	piration Da	te	N/A
4. Ident	ification of Sy	stem: Class	: 2 STEAM	GENERATOR SY	STEM	3005	
	Applicable Cons		e: ASME III		Addenda:W	1980 Code Case	::N/A
	pplicable Editi		ı XI Utiliz	ed for Repair	s or Replac Cod	ements: 1986 le Case: N/A	
6. Ident	ification of Co	Manufacturer Serial No.	National Board No.	Other Identification	Year	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 [X]

 Other [] Pressure[1000] psig Test Temp.[537] °F

Sheet <u>2</u> of <u>2</u>

Remarks: See PM ANBW 001 turnover package.

FORM NIS-2 (Back)

Applicable Manufacturer's Data Reports to be Attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> . conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date. N/A
Signed 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 ofWISCONSIN 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
$\sqrt{-8-99}$ to $\sqrt{1-9-99}$ 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.
VI Olle
Inspector's Signature Commissions W: #100128 National Board, State, Province, and Endorsements
Date
Date

APPENDIX II - MANDATORY

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	Date11/4/99
1.	Name	24/4/2
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet of
2.	Plant H.B.ROBINSON Name	Unit
	3581 West Entrance Rd; HARTSVILLE, SC 29550 Address	ESR#: N/A EE: N/A WR/JO:97 AAMX1 CR: N/A Repair Organization PO No; Job No; etc
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol Stamp N/A Authorization No. N/A
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 3 SERVICE WATER	SYSTEM 4060
5.	(a) Applicable Construction Code: B 31.1 Edition:1	967 Addenda:N/A Code Case:N/A pecification: N/A
6.	Design S	pecification: N/A
	(b) Applicable Edition of Section XI Utilized for R	epairs or Replacements: 1986 Code Case: N/A

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
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		\$.		•			1

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

Date

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 _ Certificate of Authorization No. _ Expiration Date. 11/4 Signed . 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_ 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 ____and state that to the best of my 10-1-99 to 11-5-99 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. Nov 5, 1999

As Required by the Provisions of the ASME Code Section XI

1. ·	Owner	CAROLINA	POWER & LIGHT Name	COMPANY	_ Dat	e	11/4/99	
		411 FAYETTEVI	LLE ST., RALE	IGH. NC 27	602 She	et1	of2	
2.	Plan	t <u>H.B</u>	. ROBINSON Name			•	2	
	358	1 West Entrance	e Rd: HARTSVII ddress	LLESC 29	550 W	SR#: N/A <u>R/JO:97 A/</u> air Organi:	EE: N/A MY1 CR: N zation PO No; S	I/A Job No; et
3.	Work	Performed by C	AROLINA POWER	& LIGHT CO	OMPANY Typ	e Code Sym	bol Stamp	N/A
			•		Aut	horization	No	N/A
	_358	1 West Entrance	a Rd: HARTSVII Address	LE. SC 295	550 Exp.	iration Da	te	N/A
4.	Ident	ification of Sy	/stem:Class	: 3 SERVI	CE WATER SYSTE	м4	060	
5.	(a) i	Applicable Cons	struction Code		dition:1967 Ad Design Specifi			
6.	(b) A	pplicable Editi	ion of Section	XI Utiliz	ed for Repairs		ements: 1986 le Case: N/A	
6.	Ident	ification of Co	omponents Repa	ired or Re	placed and Rep	lacement C	omponents	
Name of Compone		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
								+ -
			• .					
<u> </u>		Committee of the control of the cont			· · · · · ·	<u> </u>		

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

Sheet	2	of	2
		O.L	

1986 Edition

Remarks: See WR 97 AAMY1 turnover package

Applicable Manufacturer's Data Reports to be Attached 1.1/42... 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 ___ Certificate of Authorization No. ___ Expiration Date. _ ISI ENGINEER Date: 1/14 Signed 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. Inspector's Signature Commissions W. #100128

National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

1.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date10/16/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet1 of2
2.	Plant H.B.ROBINSON Name	Unit2 ESR#: N/A EE: N/A
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	WR/JO:AMOV 001 CR: N/A Repair Organization PO No; Job No; etc
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol StampN/A
	• • • • • • • • • • • • • • • • • • •	Authorization No. N/A
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	Expiration DateN/A
1.	Identification of System: Class: 2 STEAM GENERATO	R SYSTEM 3005
5.	(a) Applicable Construction Code: N/A Edition: N/A Design S	Addenda: N/A Code Case: N/A Specification: WELC-5379-S18
5.	(b) Applicable Edition of Section XI Utilized for Rep	pairs or Replacements: 1986 Code Case: N/A
5.	Identification of Components Repaired or Replaced and	d Replacement Components

	6.	Identification	of Cor	ponents	Repaired	or	Replaced	and	Re	placement	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 #	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber # 2	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber #	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Snubber #	Maintenance	N/A	N/A	N/A	1999	Replacement	N
				·			

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

Sheet	_2_	of	2
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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 StampN/A
Certificate of Authorization No. N/A
Expiration Date
Signed ISI ENGINEER Date: /// Z , 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 <u>WISCONSIN</u> 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
mulge 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.
.020.00
Inspector's Signature Commissions 4/ #100128 National Board, State, Province, and Endorsements
Date

. See

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

		·
1.	Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Date11/4/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet of2
2.	Plant H.B.ROBINSON Name	Unit2
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	ESR#: N/A EE: N/A WR/JO:AMPK 001 CR: N/A Repair Organization PO No; Job No; etc.
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol StampN/A
	. The state of the	Authorization NoN/A
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 2 STEAM GENERATOR	SYSTEM 3005
5.	(a) Applicable Construction Code: ASME III Edition:1	1980 Addenda:W 1980 Code Case:N/A ecification: 955479
6.	(b) Applicable Edition of Section XI Utilized for Rep	
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 [X]
 Other [MT] Pressure[1000] psig Test Temp.[537] °F

Sheet	2	οf	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 ___ Certificate of Authorization No. _______N/A Expiration Date. __ Mr. ISI ENGINEER Date: 114 Signed _ 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 <u>WISCONSIN</u> 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 1/-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. U.S. Only Commissions #100128
Inspector's Signature National Board, State, Province, and Endorsements Mov 4 , 1999 Date ____

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

1. Owner	c <u>CAROLINA</u>	POWER & LIGHT Name	COMPANY	. Dat	e <u>1</u>	1/2/99	
-	411 FAYETTEVII	LE ST., RALE	IGH. NC 276	She	et <u> </u>	of2	
2. Plan	nt <u>H.B</u> .	ROBINSON Name		 		2	
_358	31 West Entrance Ad	Rd: HARTSVII	LLE. SC 295	50 W		EE: N/A 001 CR: N/ ation PO No; Jo	
3. Work	Performed by CA		& LIGHT CO	MPANY Type	e Code Symi	ool Stamp	N/A
		Name		Autl	norization	No	N/A
_358	31 West Entrance	Rd: HARTSVII Address	LE. SC 295	50 Exp	iration Dat	te	N/A
4. Ident	ification of Sy	stem: Class	: 2 STEAM	GENERATOR SYS	rem	3005	
5. (a)	Applicable Cons	truction Code	: ASME III	Edition: 1980	Addenda: \	N 1980 Code Ca	se: N/A
6.				Design Specifi	cation: 95	5479	
(b) A	applicable Editi	on of Section	XI Utiliz	ed for Repairs	or Replace	ements: 1986 e Case: N/A	
C 73	ification of Co		drad ar Da	mlaged and Pen	lacement C	nmonents	
6. Ident	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 [X]

 Other [MT] Pressure[900] psig Test Temp.[518] °F

Sheet	2	οf	_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 _ Certificate of Authorization No. ______N/A Expiration Date. ___ ISI ENGINEER Date: 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 to $\frac{11/4/99}{4}$ 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 W: #100128

National Board, State, Province, and Endorsements Mor 4, 1999 Date

As Required by the Provisions of the ASME Code Section XI

	,	A December 1				-					
1.	Owne	CAROLINA	POWER & LIGHT Name	COMPANY	_ Da	te	11/2/99				
	<u></u>	411 FAYETTEVI	LLE ST. RALE Address	IGH. NC 276	502 Sh	eet <u>1</u>	of2				
2.	Plant H.B.ROBINSON Name						Unit2				
	_358	<u> 1 West Entrance</u> Ad	e Rd: HARTSVII Idress	LE. SC 295	<u> </u>	ESR#: N/A EE: N/A WR/JO:ALFL 002 CR: N/A Repair Organization PO No; Job No; etc					
3.	Work	Performed by CA	AROLINA POWER	& LIGHT CO	MPANY Ty	Type Code Symbol StampN/A					
			Name		Au	Authorization No. N/A					
	_358	1 West Entrance	e Rd: HARTSVII Address	LE. SC 295	50 Ex	oiration Da	ite	N/A			
4.	Ident	ification of Sy	stem: Class	: 1 REACT	OR COOLANT SY	STEM	2005				
5.	(a)	Applicable Cons	struction Code	: ASME Sec	tion III Edit Design Specif	ion: * Adde	enda: * Code C 576279	ase: N/A			
5.	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repair		cements: 1986 de Case: N/A				
5.	Ident	ification of Co	mponents Repa	ired or Re	placed and Rep	olacement (Components				
iame of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)			

Name of Component	Name of Manufacturer	Manufacturer Serial No.			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-	N/A	N/A	1999	Replacement	Y	
							ė	
							Ť	
							A	

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

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FORM NIS-2 (Back)

Sheet	2	of	2
Direct		~_	

Remarks:	See	PM	ALFL	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 <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date
Signed
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 ofWISCONSIN 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 1/2/44 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.
Commissions W. #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

1. Ow	Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name				Date11/2/99				
	411 FAYETTEV	ILLE ST., RALE Address	EIGH. NC 27	602 She	et1	of2	 		
2. P	lant H.	B.ROBINSON Name	·			2			
-	3581 West Entrand	ce Rd: HARTSVI Address	LLE. SC 29	550 W		EE: N/A 002 CR: N zation PO No; J			
3. Wo	rk Performed by (CAROLINA POWER	& LIGHT C	OMPANY Type	e Code Syr	mbol Stamp	N/A		
				Autl	norization	No	N/A		
	3581 West Entrand	e Rd: HARTSVI Address	LLE. SC 29	550 Exp	iration Da	ite	N/A		
4. Ide	entification of S	System: <u>Clas</u>	s: 1 REAC	TOR COOLANT SYS	rem	2005			
5. (a)) Applicable Con	struction Cod	e: ASME Sec	ction III Edition Design Specific			ase: N/A		
6. (b)) Applicable Edit	ion of Section	n XI Utili:	zed for Repairs		ements: 1986 de Case: N/A			
6. Ide	entification of C	omponents Rep	aired or Re	eplaced and Repl	acement (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 [X]

 Other [] Pressure[2246] psig Test Temp.[537] °F

Sheet	2	of	2

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 StampN/A
Certificate of Authorization NoN/A
Expiration DateN/A
Signed JT WBlw ISI ENGINEER Date: /// Z , 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 <u>WISCONSIN</u> 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
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.
Date

As Required by the Provisions of the ASME Code Section XI

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: 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	1.	Owne	CAROLINA	POWER & LIGHT	COMPANY		ite	9/10/99	
Name 3581 West Entrance Rd: HARTSVILLE. SC 29550 Work Performed by CAROLINA POWER & LIGHT COMPANY Name Authorization No			411 FAYETTEV		IGH. NC 27	<u>'602</u> Sh	eet	of	2
Address Repair Organization PO No; Job No; etc 3. Work Performed by CAROLINA POWER & LIGHT COMPANY Name Authorization No. N/A 3581 West Entrance Rd; HARTSVILLE, SC 29550 Address 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 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 1986 6. Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer Serial No. Name of Replaced No.	2.	Plan	nt <u>H.</u>						
Authorization No		_358			LLE. SC 29	550	WR/JO:98	AEEI1 CR:	
Address 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 Serial No. Name of Component Name of Manufacturer Serial No. National Board Identification Year Replaced, or Replaced, or Replaced, or Replacement Component Stamped (Yes or No)	3.	Work	Performed by (CAROLINA POWER Name	& LIGHT C				
Address 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 Serial No. Name of Component Name of Manufacturer Serial No. Name of Manufacturer Serial No. National Board Identification Paulit Replaced, or Replaced, or Replaced, or Replacement (Yes or No)						Au	thorizat	ion No	N/A
(a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N-438-1 (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 Serial No. National Board No. National Board Identification Paulit Replaced, or Replaced, or Replaced, or Replaced, or Replacement (Yes or No)		_358	1 West Entrand		LLE, SC 29	<u>550</u> Ex	piration	Date	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 Serial No. Name of Name of Manufacturer Serial No. National Board No. National Board Identification Stamped (Yes or No) No.	4.	Ident	ification of S	System: Class	s: 3 SERV	ICE WATER SYST	EM	4060	
(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 Serial No. Name of Manufacturer Serial No. National Board Identification Other Replaced, or Replaced, or Replaced, or Replacement (Yes or No) Stamped (Yes or No)	5.	(a)	Applicable Con	struction Code	e: B31.1	Edition: 1967	Addenda:	N/A Code Cas	e: N-438-1
Name of Component Name of Manufacturer Serial No. National Board Identification Serial No. National Board Identification Serial No. No. National Board Identification Other Built Replaced, or Replacement (Yes or No)	٠.	(b)	Applicable Edi	tion of Section	on XI Util	ized for Repai	rs or Re	placements 198	6
Name of Component Name of Manufacturer Serial No. National Board Identification Serial No. National Board Identification Serial No. No. National Board Identification Other Replaced, or Replacement (Yes or No)	6.	Ident	ification of C	omponents Repa	aired or R	eplaced and Re	placemen	t Components	
6-CW-167A Maintenance N/A N/A N/A 1999 Replacement N		of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced, or	Code Stamped (Yes or
	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 [X] Pneumatic [] Nominal Operating Pressure [X]

 Other [] Pressure[165/80] psig Test Temp.[86/80] °F

Sheet _____ of ___

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

FORM NIS-2 (Back)

CERTIF	CICATE 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 Multiple Signed	ISI ENGINEER Date: 9/10 , 1999
Owner or Owner's Design	nee, Title
CERTIFICATE	OF INSERVICE INSPECTION
I, the undersigned, holding a valid comm	mission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State	
<u>-</u>	and employed by <u>THE HARTFORD STEAM</u>
or Province of WISCONSIN	and employed by THE HARTFORD STEAM
or Province of <u>WISCONSIN</u> BOILER INSPECTION AND INSURANCE COMPANY	and employed by THE HARTFORD STEAM
or Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described	and employed byTHE_HARTFORD_STEAMofHARTFORD. CONNECTICUT
or Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9-	and employed by THE HARTFORD STEAM of HARTFORD. CONNECTICUT in this Owner's Report during the period
or Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perf	and employed by THE HARTFORD STEAM of HARTFORD. CONNECTICUT in this Owner's Report during the period 10-99 and state that to the best of my
boller Inspection and Insurance company have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance.	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period -10-99 and state that to the best of my cormed examinations and taken corrective measures
BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance.	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period -10-99 and state that to the best of my cormed examinations and taken corrective measures
bor Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in the components	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period -10-99 and state that to the best of my cormed examinations and taken corrective measures
bor Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in the components described to 9- knowledge and belief, the Owner has perfectly accordance of the components described to 9- knowledge and belief, the Owner has perfectly accordance of the components described to 9- knowledge and belief, the Owner has perfectly accordance of the components described to 9- knowledge and belief, the Owner has perfectly accordance of the components described to 9- knowledge and belief, the Owner has perfectly accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in this Owner's Report in accordance of the components described in t	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period 10-99 and state that to the best of my cormed examinations and taken corrective measures ordance with the requirements of the ASME Code, Inspector or his employer makes any warranty,
bor Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance in the Section XI. By signing this certificate neither the expressed or implied, concerning the examples of the sexpressed or implied.	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period -10-99 and state that to the best of my cormed examinations and taken corrective measures ordance with the requirements of the ASME Code, Inspector or his employer makes any warranty, uminations and corrective measures described in this
bor Province of WISCONSIN BOILER INSPECTION AND INSURANCE COMPANY have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance in the Section XI. By signing this certificate neither the expressed or implied, concerning the exactory of the components of the	and employed by THE HARTFORD STEAM of HARTFORD, CONNECTICUT in this Owner's Report during the period -10-99 and state that to the best of my cormed examinations and taken corrective measures ordance with the requirements of the ASME Code, Inspector or his employer makes any warranty, uminations and corrective measures described in this
boller Inspection and Insurance company have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance Section XI. By signing this certificate neither the expressed or implied, concerning the exaction of the expression of the exaction of the expression of the exaction of th	and employed by THE HARTFORD STEAM of HARTFORD. CONNECTICUT in this Owner's Report during the period 10-99 and state that to the best of my cormed examinations and taken corrective measures ordance with the requirements of the ASME Code, Inspector or his employer makes any warranty, minations and corrective measures described in this e Inspector nor, his employer ersonal injury or property damage or a loss of any
have inspected the components described 1-26-99 to 9- knowledge and belief, the Owner has perfected in this Owner's Report in accordance. By signing this certificate neither the expressed or implied, concerning the exact owner's Report. Furthermore, neither the shall be liable in any manner for any perfected with this certificate with this certificate with this certificate of the exact owner's Report.	and employed by THE HARTFORD STEAM of HARTFORD. CONNECTICUT in this Owner's Report during the period

Studs

Studs

Nuts

Nuts

APPENDIX II - MANDATORY

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	_ Dat	e1	0/21/99	
	<u></u>	411 FAYETTEVI	LLE ST. RALE	IGH. NC 27	502 She	et1	of2	
2.	Plar	nt <u>H.B</u>	ROBINSON Name			t SR#: N/A	2 EE: N/A	
	_358	31 West Entrance Ac	e Rd: HARTSVII Idress	LLE. SC 295	50 W	R/JO:98 AG	FO1 CR: No ation PO No; Jo	
3.	Work	Performed by C	AROLINA POWER	& LIGHT CO	MPANY Typ	e Code Sym	bol Stamp	N/A
			Name		Aut	horization	No	N/A
	_358	1 West Entrance	e Rd: HARTSVII Address	LE. SC 295	<u>550</u> Exp	iration Da	te	N/A
4.	Ident	ification of Sy	/stem: Class	: 3 SERVI	CE WATER SYSTE	м 4	060	
5.	(a)	Applicable Cons	struction Code	e: B 31.1 E	dition: 1967 A Design Specifi	ddenda: N/	A Code Case: N	I/A
6.	(b) A	applicable Editi	ion of Section	XI Utiliz		or Replac		
6.	Ident	ification of Co	omponents Repa	ired or Re	placed and Rep	lacement C	omponents	
Name of Compone		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	7	Ebasco	N/A	N/A	N/A	1971	Replaced	N
SW-79A	1	Maintenance	N/A	N/A	P/N 739-169-	1999	Replacement	N

83

N/A

N/A

P/N 706-764-

P/N 514-108-

1971

1999

1971

1999

Replaced

Replaced

Replacement

Replacement

7. Description of Work: Replaced valve due to binding and stude and nuts.

N/A

N/A

N/A

N/A

Ebasco

Ebasco

Maintenance

Maintenance

N/A

N/A

N/A

N/A

8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
Other [] Pressure[45] psig Test Temp.[>50] °F

Sheet	_2_	οf	_2_	

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 <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration DateN/A
Signed
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.
Proceedings Commissions W, #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date 10/29/99 , 1999

1986 Edition

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

-	411 FAYETTEVI	LLE ST., RALE Address	IGH. NC 27	602 Shee	et1	of2	
. Pla	nt <u>H.B</u>	ROBINSON		Unit	<u> </u>	2	
,		Name		 Es	SR#: N/A	EE: N/A	
_35	B <mark>1 West Entranc</mark> A	e Rd: HARTSVI ddress	LLE, SC 29		R/JO:98 A	FZE1 CR: NA zation PO No; Jo	
Work	Performed by C	AROLINA POWER	& LIGHT CO	MPANY Type	Code Syn	mbol Stamp	N/A
	. *	Name		Auth	orization	No	N/A
_358	31 West Entranc		LLE. SC 295	550 Expi	ration Da	ate	N/A
T.3		Address	2 WATE	mean evenem	. 3020		
	ification of S			lition: 1967 Add	3020	A Code Case. M	/ B
(a)	Applicable Con	struction Code	s: DJI.I EC	Design Specific	cation: N	A code case: N/	'n
							_
(b) I	Applicable Edit	ion of Section	n XI Utiliz	ed for Repairs	or Replac	cements: 1986 de Case: N 416-	-1
(b) <i>1</i>	7.7		***	ed for Repairs placed and Repl	Cod	de Case: N 416-	-1
(b) A Ident me of	7.7		***		.acement (Repaired, Replaced, or	ASMI Code Stan
(b) A Ident me of	ification of C	omponents Repa	nired or Re	placed and Repl	acement C	de Case: N 416- Components Repaired, Replaced,	ASMI Code Stan (Yes
(b) A Ident me of mponent	ification of C	omponents Repa	nired or Re	placed and Repl	acement C	Repaired, Replaced, or	ASMI Code Star (Yes
Ident me of mponent MS-16	Name of Manufacturer	Manufacturer Serial No.	National Board No.	placed and Repl Other Identification	acement (Year Built	Repaired, Replaced, or Replacement	ASME Code Stam (Yes or No)
Ident me of mponent MS-16	Name of Manufacturer	Manufacturer Serial No.	National Board No.	other Identification	Year Built	Repaired, Replaced, or Replacement Replaced	ASMI Code Stan (Yes or No)
(b) A Ident me of mponent MS-16	Name of Manufacturer	Manufacturer Serial No.	National Board No.	other Identification	Year Built	Repaired, Replaced, or Replacement Replaced	ASMI Code Stan (Yes or No)
	Name of Manufacturer Ebasco Maintenance	Manufacturer Serial No.	National Board No.	other Identification	Year Built	Repaired, Replaced, or Replacement Replaced	ASMI Code Stan (Yes or No)
(b) A Ident me of mponent MS-16	Name of Manufacturer	Manufacturer Serial No.	National Board No.	other Identification	Year Built	Repaired, Replaced, or Replacement Replaced	ASMI Code Stan (Yes or No)

Choot	2	- =	2
Sheet		οĒ	. 2

Remarks: See WR 98 AFZE1 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 <u>Replacement</u> , conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A
Expiration Date. N/A
Signed ISI ENGINEER Date: /// Z , 1999
Owner or Owner's Designee, Title
CORMITTAL OF THOROUTED THOROTOMIAN
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>WISCONSIN</u> 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
1-299 to $1/-3-99$ 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.
Inspector's Signature Commissions W, #100128 National Board, State, Province, and Endorsements
Date3 , 1999

3 4000

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

		•		•		·	
1. Owne	er <u>CAROLINA</u>	POWER & LIGHT Name	COMPANY	_ Dat	:e	11/2/99	
	411 FAYETTEVI	LLE ST. RALE	IGH. NC 27	602 She	et1	of2	
2. Pla	nt H.B	ROBINSON Name		Uni	t	2	
_35	81 West Entranc A	<u>e Rd: HARTSVI</u> ddress	550 <u> </u>	ESR#: N/A EE: N/A WR/JO:ANBX 001 CR: N/A Repair Organization PO No; Job No;			
3. Work	Performed by C		& LIGHT CO	OMPANY Typ	e Code Sym	nbol Stamp	N/A
		Name	Aut	horization	No	N/A	
_35	81 West Entranc	e Rd: HARTSVI Address	LLE. SC 295	550 Exp	iration Da	ite	N/A
4. Iden	tification of S	ystem: <u>Clas</u>	s: 2 STEAN	GENERATOR SYS	TEM	3005	
5. (a)	Applicable Cons	struction Cod	e: ASME III	Edition: 1980 Design Specifi	Addenda:	W 1980 Code Ca	ase: N/
	Applicable Edit	· · ·		ed for Repairs	or Replac	ements: 1986 de Case: N/A	
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		
		J				1.	

- 7. Description of Work: Replacement of S/G *B* inspection port bolts.
 - 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

 Other [] Pressure[900] psig Test Temp.[518] °F

Sheet _ 2_ of _ 2

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 ___ Certificate of Authorization No. Expiration Date. __ ISI ENGINEER Date: Signed __ 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.

Inspector's Signature

Commissions

W: #100128

National Board, State, Province, and Endorsements

The second

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 Name	COMPANY	Date	1	1/4/99	
	. •	411 FAYETTEVII	LE ST. RALE	IGH. NC 276	Shee	t1	of ·2	
2.	Plan	t <u>H.B.</u>	ROBINSON Name	•				
	358	1 West Entrance	Rd: HARTSVII	LE. SC 295	50 WR		L76 EE: N/ LW1 CR: N/ ation PO No; Jo	'A
3.	Work	Performed by <u>CA</u>	Name	& LIGHT CO		_	001 Stamp	
	_358	1 West Entrance A	Rd: HARTSVII	LE. SC 295	<u>50</u> Expi	ration Dat	:e	N/A
4.	Ident	ification of Sy	stem: <u>Class</u>	: 3 SERVI	CE WATER SYSTEM	40	060	
5. 6.	(a)	Applicable Cons	truction Code		ition:1967 Adder Design Specific			
·	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repairs o		ements: 1986 e Case: N 416-	·1
6.	Ident:	ification of Co	mponents Repa	ired or Re	placed and Repla	acement Co	mponents	
Name of Componer	nt	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes

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

Sheet	 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 <u>Replacement</u> , conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol. Stamp
Certificate of Authorization No. N/A
Expiration Date
Signed ISI ENGINEER Date: 1/14 , 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 <u>WISCONSIN</u> 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 $\frac{\xi - 1/-99}{}$ to $\frac{1/-4-99}{}$ 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.
Date

As Required by the Provisions of the ASME Code Section XI

		•
1.	Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Date11/2/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet of2
2.	Plant H.B.ROBINSON Name	Unit2
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	ESR#: N/A EE: N/A <u>WR/JO:98 AFZC1 CR: N/A</u> Repair Organization PO No; Job No; etc
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol StampN/A
		Authorization NoN/A
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 2 MAINSTEAM SYS	TEM 3020
5.	(a) Applicable Construction Code: B31.1 Edition: 1	967 Addenda: N/A Code Case: N/A pecification: N/A
6.	, , , , , , , , , , , , , , , , , , , ,	pcc121cac1011. 11/11
	(b) Applicable Edition of Section XI Utilized for Re	epairs or Replacements: 1986 Code Case: N 416-1

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
				<u> </u>			

- 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 [X]
 Other [] Pressure[1000] psig Test Temp.[547] °F

Sheet <u>2</u> of <u>2</u>		2	of	_2_
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Remarks:	See_WK_	98 AFZCI	_and	sequential	cickec	curnover	Dackages

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 __ Certificate of Authorization No. Expiration Date. _ ISI ENGINEER Date: 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 to 1//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. Leading Commissions W, #100128

Inspector's Signature National Board, State, Province, and Endorsements

As Required by the Provisions of the ASME Code Section XI

		•
1.	Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Date12/13/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet1 of2
2.	Plant H.B.ROBINSON Name	Unit2
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	ESR#: 98-00509 EE: N/A WR/JO:98 AGRT1 CR: N/A Repair Organization PO No; Job No; etc
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol StampN/A
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 3 SERVICE WATER	SYSTEM 4060
5.	(a) Applicable Construction Code: B31.1 Edition:190 Design S	67 Addenda:N/A Code Case:N/A pecification: N/A
6.	(b) Applicable Edition of Section XI Utilized for Re	epairs or Replacements: 1986 Code Case: N/A

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
·					<u></u>		

- 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 [X]
 Other [VT-3] Pressure[47] psig Test Temp.[72.8] °F

Sheet	2	of	2

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

Applicable Manufacturer's Data Reports to be Attached
AND THE AREA COLUMN TANNER
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A
Expiration DateN/A
Signed ISI ENGINEER Date: /2/13 , 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 to
$\frac{12-14-99}{1}$ 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.
Officer Commissions W: #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date

APPENDIX II - MANDATORY

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 Name	COMPANY	Dat	e1	1/2/99	
	-	411 FAYETTEVI	LLE ST. RALE Address	IGH. NC 276	502 She	et1	of2	
2.	Plan	t H.B	.ROBINSON		Uni	t	2	
	<u>358</u>	1 West Entranc		LLE. SC 295	50 <u>w</u>	SR#: N/A R/JO:98 AF air Organiz		
3.	Work	Performed by C	AROLINA POWER	& LIGHT CO	MPANY Typ	e Code Symi	bol Stamp	N/A
				Aut	Authorization No. N/A			
	<u>358</u>	1 West Entrance	e Rd: HARTSVII Address	LE. SC 295	<u>50</u> Exp	iration Da	te	N/A
4.	Ident	ification of Sy	ystem: Class	: 2 MAINS	TEAM SYSTEM	3020		\$
5.	(a)	Applicable Cons	struction Code	e: B31.1 Ed	ition: 1967 Ad Design Specifi	denda: N/A	Code Case: N/	'A
6. 6.		pplicable Editi		XI Utiliz	ed for Repairs	or Replace Cod	ements: 1986 e Case: N 416-	1
Name of Compone		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-1	7	Ebasco	N/A	N/A	N/A	1971	Replaced	N
2-MS-1	7	Maintenance	N/A	N/A	N/A	1999	Replacement	N
				:		1. The same		,

- 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 [X]
 Other [] Pressure[>750] psig Test Temp.[>450] °F

Sheet	_2_	of	_2_

Remarks: See WR 98 AFZD1 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 <u>Replacement</u>, conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp _ Certificate of Authorization No. Expiration Date. _ ISI ENGINEER Date: 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 1-299 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. Inspector's Signature Commissions W. #100128

National Board, State, Province, and Endorsements

8.

Other []

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

	Owner	CAROLLINA	POWER & LIGHT Name	COMPANI		· · · · · · · · · · · · · · · · · · ·	11/18/99			
		· 411 FAYETTEVI	LLE ST. RALE Address	IGH. NC 27	602 She	et1	of2	·		
	Plan	Plant H.B.ROBINSON					2			
	Name 3581 West Entrance Rd: HARTSVILLE, SC 29550 Address					ESR#: N/A EE: N/A WR/JO:98 AFZB1 CR: N/A Repair Organization PO No; Job No;				
	Work	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name					Type Code Symbol StampN/A			
					Aut	Authorization NoN/A				
	<u>358</u>	1 West Entranc	e Rd: HARTSVII Address	LLE. SC 295	550 Exp	iration Da	ite	N/A		
	Ident	ification of S	ystem: <u>Clas</u> s	: 2 MAINS	STEAM SYSTEM	3020				
	(a)	Applicable Con	struction Code	e: B31.1 Ed						
					Design Specifi					
	(b) A	pplicable Edit	ion of Sectior	n XI Utiliz	ed for Repairs		cements: 1986 de Case: N 416-	-1		
	Ident	ification of Co	omponents Repa	ired or Re	placed and Rep	lacement (Components			
me of	•	Name of	Manufacturer	National	Other	Year	Bana ()			
	nt	Manufacturer	Serial No.	Board No.	Identification	Built	Repaired, Replaced, or Replacement	Code		
mponer		1	Serial No.	Board No.			Replaced, or	(Yes		
MS-1	6	Manufacturer			Identification	Built	Replaced, or Replacement	Code Stam (Yes or No)		
mpone	6	Manufacturer Ebasco	N/A	N/A	Identification	Built 1971	Replaced, or Replacement	Code Stam (Yes or No)		
MS-1	6	Manufacturer Ebasco	N/A	N/A	Identification	Built 1971	Replaced, or Replacement	Code Stam (Yes or No)		

99-030

Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]

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 <u>Replacement</u>, conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp Certificate of Authorization No. Expiration Date. Signed _ ISI ENGINEER Date: 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 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 _____1/18/99 ____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. Olley Commissions W #100128

Inspector's Signature National Board, State, Province, and Endorsements Date ______ 18 , 1999

As Required by the Provisions of the ASME Code Section XI

1. Owne	ner <u>CAROLINA POWER & LIGHT COMPANY</u> Name				Date11/18/99			
.	. 411 FAYETTEVI	LLE ST. RALE Address	IGH. NC 27	602 She	et1	of2		
	81 West Entranc	H.B.ROBINSON Name est Entrance Rd: HARTSVILLE, SC 29550			Unit2 ESR#: N/A EE: N/AWR/JO:98 AFZA1 CR: N/A Repair Organization PO No; Job No; etc Type Code Symbol StampN/A Authorization NoN/A			
3. Work	Address Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name			MPANY Type				
_35	81 West Entranc	e Rd: HARTSVII Address	LLE. SC 295	<u>550</u> Ехр	iration Da	te	N/A	
	Applicable Constitution of Con	ion of Section	ı XI Utiliz	Design Specific	cation: N/ or Replac Cod	A ements: 1986 e Case: N 416-	·1	
6. Iden	Name of Manufacturer	Manufacturer Serial No.	nired or Re National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or	
2-MS-15	Ebasco	N/A	N/A	N/A	1971	Replaced	No)	
2-MS-15	Maintenance	N/A	N/A	N/A	1999	Replacement	N	
•		ĺ			1	i ·		

- 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 [X]
 Other [] Pressure[1000] psig Test Temp.[547] F

99-031

海

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 <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date
Signed
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 ofWISCONSIN 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
2/2/49 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.
1 & D. D.
Inspector's Signature Commissions W, #100128 National Board, State, Province, and Endorsements
New 18 1000

As Required by the Provisions of the ASME Code Section XI

	•	•			•	ě	
. Owne	c CAROLINA	POWER & LIGHT	Date		11/2/99		
-	411 FAYETTEV	ILLE ST., RALE Address	IGH. NC 27	602 Shee	t1	of2	
Pla	nt H.		Unit		2		
35	81 West Entrand	Name ce <u>Rd: HARTSVI</u> Address	550 W	R#: N/A M/JO:98 AM ir Organia	EE: N/A FZF1 CR: N zation PO No; J	/A ob No;	
Work	Performed by	CAROLINA POWER			abol Stamp		
				·		No	
_35	81 West Entrand	e Rd: HARTSVI) Address	LLE. SC 29	<u>550</u> Expi	ration Da	te	N/A
Iden	tification of S	System: Class	s: 2 MAINS	STEAM SYSTEM	3020	•	
(a)	Applicable Con	struction Code	e: B31.1 Ed	dition: 1967 Add Design Specific			/A
**				zed for Repairs	Cod	le Case: N 416	-1
Ident e of ponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
/S-15	Ebasco	N/A	N/A	N/A	1971	Replaced	N
4S-15	Maintenance	N/A	N/A	N/A	1999	Replacement	N
							
						 	
		l a			*	· V	اِ ا

Pressure[>750] psig

Test Temp.[>450] °F

Sheet	_2_	οf	2

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 ISI ENGINEER Date: 1/2 , 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 ofWISCONSIN 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 $1/3/99$ 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.
O-G Odder Commissions W: #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

_									
1.	Owne	cCAROLINA	POWER & LIGHT Name	COMPANY	_	Date	1	1/4/99	
	-	411 FAYETTEVI	LLE ST. RALE	IGH. NC 276	502 .	Sheet	1.	of	2
2.	Plar	nt <u>H.B</u>	ROBINSON Name	· · · · · · · · · · · · · · · · · · ·				2	
	_358	1 West Entrance	e Rd: HARTSVII	LE. SC 295		WR/		371 EE: XX1 CR: ation PO No;	
3.	Work	Performed by CA	AROLINA POWER Name	& LIGHT CO			_	bol Stamp _	
					P	Autho	rization	No	N/A
	358	1 West Entrance	Rd: HARTSVII Address	LE. SC 295	50 F	Expir	ation Dat	te	N/A
4.	Ident	ification of Sy	stem: Class	: 2 FEEDW	ATER SYSTEM		3050		
5.	(a) .	Applicable Cons	struction Code		ition:1967 A				A
6.	(b) A	pplicable Editi	on of Section				r Replace		
6.	Ident	ification of Co	mponents' Repa	ired or Re	placed and R	Replac	cement Co	omponents	
Name of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	on	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)

	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
ı	16-FW-9	Maintenance	N/A	N/A	N/A	1999	Replacement	N
Ì			****					
						<u> </u>		

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

Sh	eel	ţ	_	_	2	of	2

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 NoN/A
Expiration Date. N/A
Signed Signed ISI ENGINEER Date: #14 , 1999
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
The second secon
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>WISCONSIN</u> 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.
Inspector's Signature Commissions W. #100128 National Board, State, Province, and Endorsements
Date

1. Owner CAROLINA POWER & LIGHT COMPANY

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

As Required by the Provisions of the ASME Code Section XI

Date _____

•	•	Name					- · · · -
<u>.</u>	411 FAYETTEV	ILLE ST. RALE Address	IGH. NC 27	602 Sho	et1	of;	2
2. Pla	nt H.	3.ROBINSON Name	Uni	t	2		
_35	81 West Entrand		LLE. SC 29	550		EE: N/A DTX1 CR:] zation PO No;	
3. Work	Performed by	CAROLINA POWER	OMPANY Typ	e Code Syr	mbol Stamp	N/A	
4 4		Name		Aut	horization	No	N/A
_35	81 West Entranc	e Rd: HARTSVI Address	LLE. SC 29	550 Exp	iration Da	ite	N/A
5. (a) 6. (b)	tification of S Applicable Con Applicable Edit	struction Code	e: B31.1 Ec	dition:1967 Add Design Specifized for Repairs	lenda:N/A (cation: N or Replac Co	Code Case:N/A /A :ements: 1986 de Case: N/A	
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
e e			1.		İ	1	

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

Sheet	2	of	2

Remarks: See WR 99 ADTX1 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date. N/A
Signed ISI ENGINEER Date: ///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
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.
05000
Commissions W. #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date
Date

APPENDIX II - MANDATORY

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 Name	Date11/8/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet of2
2.	Plant H.B.ROBINSON Name	Unit2
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	ESR#: N/A EE: N/A WR/JO:AKRF 001 CR: N/A Repair Organization PO No; Job No; et
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY Name	Type Code Symbol StampN/A
	Neures	Authorization NoN/A
	3581 West Entrance Rd: HARTSVILLE. SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 1 REACTOR COOLAN	T SYSTEM 2005
5.	(a) Applicable Construction Code: N/A Edition: N/A A	ddenda:N/A Code Case:N/A ecification: 677188
6.	(b) Applicable Edition of Section XI Utilized for Rep	
6	Identification of Components Repaired or Replaced and	d 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 [X]
 Other [VT-1] Pressure[2246] psig Test Temp.[537] °F

Sheet	2	οf	2
OHCCC		O L	

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. ___ ISI ENGINEER Date: 11/8 Signed ___ 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 <u>WISCONSIN</u> 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 <u>11.8-99</u> and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the 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. 3. Ookley Commissions #100128
Inspector's Signature National Board, State, Province, and Endorsements Date ______ 8 , 1999

As Required by the Provisions of the ASME Code Section XI

	• •						
1. Own	er <u>CAROLINA</u>	POWER & LIGHT	COMPANY	_ Dat	e	11/2/99	
	411 FAYETTEV	ILLE ST. RALE Address	IGH. NC 27	602 She	et <u> </u>	of2	
2. Pla	ant <u>H.</u>	B.ROBINSON Name		Uni	t	2	
_3:	581 West Entran		LLE. SC 29	550 W	SR#: N/A R/JO:AKYJ air Organi		<u>/A</u> ob No; e
3. Work	Rerformed by	CAROLINA POWER	& LIGHT CO	OMPANY Type	e Code Syr	mbol Stamp	N/A
		. Valic		Autl	norizatio	n No	N/A
_35	81 West Entrand	ce Rd: HARTSVI Address	LLE. SC 29	<u>550</u> Ехрі	iration Da	ate	N/A
4. Ider	ntification of s	System: Clas	s: 2 CHEMI	CAL AND VOLUME	CONTROL	SYSTEM	2060
5. (a)	Applicable Cor	nstruction Code	e: B31.1 Ed	lition: 1967 Add Design Specific			/A
				ed for Repairs	Cod	de Case: N/A	
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 #	Grinnell	30086	N/A	N/A	1971	Replaced	N
Snubber # 13	Grinnell	34438	N/A	N/A	1999	Replacement	N
			ā				

- 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

Sheet	2	of	2

Remarks: See PM AKYJ 001 and AKYJ 1001 turnover packages

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date. N/A
Expiration Date. N/A Signed
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 $\frac{1}{2} \frac{1}{2} 1$
$\frac{10/18/99}{10}$ to $\frac{11/3/99}{10}$ 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 W: #100128 National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

. Own	ner <u>CAROLINA</u>	POWER & LIGHT Name	COMPANY	_ Date	·1	1/2/99	
	411 FAYETTEVI	LLE ST. RALE	IGH. NC 27	602 Shee	et1	of2	
. P]	lant H.B	ROBINSON Name		Unit	•	2	
_3	3581 West Entranc A	<u>e Rd: HARTSVI</u> ddress	LLE. SC 29	550 W		EE: N/A 001 CR: N ation PO No; Jo	
Wor	k Performed by C	AROLINA POWER	& LIGHT C	OMPANY Type	Code Sym	bol Stamp	N/A
		name		Auth	orization	No	N/A
_3	581 West Entranc	e Rd: HARTSVI Address	LLE. SC 29	550 Expi	ration Da	te	N/A
Iđe	ntification of S	,	s: 2 CHEMI	ICAL AND VOLUME	CONTROL S	YSTEM 2	2060
(b)	Applicable Cons Applicable Edits	ion of Section	n XI Utiliz	Design Specific	ation: N/ or Replac Cod	A ements: 1986 de Case: N/A	'A
(b) Ide	Applicable Edit	ion of Section	n XI Utiliz	Design Specific	ation: N/ or Replac Cod	A ements: 1986 de Case: N/A	ASME Code
(b) Ide me of mponent ubber #	Applicable Edit:	omponents Repa	n XI Utiliz	Design Specific zed for Repairs eplaced and Repl Other	ation: N/ or Replac Cod acement C	ements: 1986 e Case: N/A omponents Repaired, Replaced, or	ASME Code Stamp (Yes
(b) Ide me of mponent ubber #	Applicable Edit: ntification of Co	omponents Repa	n XI Utilizaired or Re National Board No.	Design Specificated for Repairs eplaced and Repl Other Identification	or Replac Cod acement C Year Built	ements: 1986 e Case: N/A components Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
(b)	Applicable Edit: ntification of Co Name of Manufacturer Grinnell	mponents Reparation of Section of	n XI Utilizaired or Re National Board No.	Design Specificated for Repairs eplaced and Repl Other Identification	or Replac Cod acement C Year Built	ements: 1986 e Case: N/A components Repaired, Replaced, or Replacement Replaced	ASME Code Stamp (Yes or No)
(b) Ide me of mponent ubber #	Applicable Edit: ntification of Co Name of Manufacturer Grinnell	mponents Reparation of Section of	n XI Utilizaired or Re National Board No.	Design Specificated for Repairs eplaced and Repl Other Identification	or Replac Cod acement C Year Built	ements: 1986 e Case: N/A components Repaired, Replaced, or Replacement Replaced	ASME Code Stamp (Yes or No)

- 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

Sheet	2	of	2	

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 <u>Replacement</u>, conforms to the rules of the ASME Code, Section XI. Type Code Symbol .Stamp _ Certificate of Authorization No. _____ Expiration Date. __ Signed _ 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 <u>WISCONSIN</u> 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 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. 1. Oalley Commissions 4. #100128
Inspector's Signature National Board, State, Province, and Endorsements 1999 Alou 3 , 1999 Date __

As Required by the Provisions of the ASME Code Section XI

1.	Owner	CAROLINA	POWER & LIGHT Name	COMPANY	_ Dat	e1	1/2/99	
	_	411 FAYETTEVI	LLE ST RALE Address	IGH; NC 27	Shee	et1	of2	<u></u>
2.	Plan	t <u>H.B</u>	. ROBINSON Name	·•			2	
	_358	1 West Entranc A	e Rd: HARTSVI ddress	LLE, SC 29	550 W		EE: N/A 001 CR: N ation PO No; J	
3.	Work	Performed by C	AROLINA POWER Name	& LIGHT CO			bol Stamp	
	358	1 West Entrance	<u>= Rd; HARTSVII</u> Address	LLE. SC 295			te	
5. 6.	(a) (b) A	Applicable Cons	struction Code	e: B31.1 Ed	UAL HEAT REMOVE lition: 1967 Add Design Specific ed for Repairs placed and Repl	lenda: N/A ation: N/ or Replac Cod	Code Case: N A ements:-1986 e Case: N/A	/A
Name of Componen	nt	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
			* ye .					

- 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

Sheet	2	of	2	
Direct		ΟL		

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 <u>Replacement</u>, conforms to the rules of the ASME Code, Section XI. Type Code Symbol Stamp _ Certificate of Authorization No. _ Expiration Date. _ ISI ENGINEER Date: Signed _ 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. Commissions Wational Board, w. #100128
Board, State, Province, and Endorsements Mov 3, 1999

99-040

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

2.	•	411 FAYETTEV	Address	1GH. NC 27	e e e e e e e e e e e e e e e e e e e	i	of2	
•	ria	<u></u>	Name		.,			
٠	_35	81 West Entrand	e Rd: HARTSVI Address	LLE. SC 29	550 <u>W</u>	R/JO:AKYV	EE: N/A 001 CR: N ation PO No; Jo	A_ ob No;
	Work	Performed by (CAROLINA POWER	& LIGHT CO	OMPANY Type	Code Sym	bol Stamp	N/A
			Name		Auth	orization	No	N/A
	_358	31 West Entranc		LLE. SC 295	550 Expi	् ration Da	te	N/A
			Address					
•					DUAL HEAT REMOVA			
•	(a)	Applicable Con	struction Code	e: B31.1 Ed	lition: 1967 Add Design Specif:			/A
•	(b) A	applicable Edit	ion of Section	n XI Utiliz	ed for Repairs			
	,,						e Case: N/A	÷ .
•	Ident	ification of C	omponents Repa	ired or Re	placed and Repl	acement C	omponents	
ame of ompone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stam ed (Yes or No)
nubbe:	r #	Grinnell	30082	N/A	N/A	1971	Replaced	N
nubber 4	r #	Grinnell	30076	N/A	N/A	1999	Replacement	N
<u> </u>								
						NA TO A		-
						ing that		
	. B. G. G. G.					from sto		

	_	_	_
Sheet	2	οf	. 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 Certificate of Authorization No. Expiration Date. _ Signed __ 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 __ 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. Inspector's Signature Commissions Wational Board, w. #100128
ard, State, Province, and Endorsements

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

		e e							
1.	Owner	CAROLINA	POWER & LIGHT COMPANY Name			:e1	1/2/99		
	<u></u>	411 FAYETTEVI	LLE ST., RALE Address	IGH. NC 276	502 She	et1	of2		
2.	Plar	nt <u>H.B</u>	ROBINSON Name		Uni	t	2		
	_358	1 West Entrance		LLE. SC 295	50 <u>W</u>	R/JO: AKZB	EE: N/A 001 CR: N/ ation PO No; Jo		
3.	Work	Performed by CA	AROLINA POWER	& LIGHT CO	MPANY Typ	e Code Sym	bol Stamp	N/A	
		`.	Name		Aut	Authorization No. N/A			
	358	1 West Entrance	e Rd: HARTSVII Address	LE. SC 295	50 Exp	iration Da	te	N/A	
4.	Ident	ification of Sy	stem: Class	: 2 MAINS	TEAM SYSTEM	3020			
5.	(a)	Applicable Cons	struction Code	e: B31.1 Ed	ition: 1967 Ad Design Specifi	denda: N/A	Code Case: N/	Ά	
.6.	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repairs	or Replac	ements: 1986 le Case: N/A		
6.	Ident	ification of Co	mponents Repa	ired or Re	placed and Rep	lacement C	omponents	*	
Name of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)	
Shubbe	r #	Pacific Scientific	20170	N/A	N/A	1971	Replaced	N	
Snubbe 31	r #	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

Sheet _	<u>2</u> of	2
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Remarks:	See	PM.	AKZB	001	and	AKZB	1001	turnover	packages
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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 _ Certificate of Authorization No. Expiration Date. _ ISI ENGINEER Date: Signed _ 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 1/-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. Inspector's Signature Commissions W: #100128

National Board, State, Province, and Endorsements Date _______ Nrv 3 ___, 1999

As Required by the Provisions of the ASME Code Section XI

		**				•		
1.	Owner	CAROLINA	POWER & LIGHT Name	COMPANY	. Date	1	1/2/99	·
	 •	411 FAYETTEVI	LLE ST. RALE	IGH. NC 276	Shee	t1_	of	2 ·
2.		H.B	Name	J.R. SC 295	ES	R#: N/A	EE: N/A 001 CR:	
			dress	100, 00, 20.			ation PO No;	
3.	Work	Performed by <u>CA</u>	AROLINA POWER Name	& LIGHT CO		-	No	
	_358	1 West Entrance	Rd: HARTSVII Address	LE. SC 295	50 Expi	ration Da	te	N/A
4.	Ident	ification of Sy	stem: Class	: 2 MAINS	TEAM SYSTEM	3020		
5. 6.	(a)	Applicable Cons	struction Code		ition: 1967 Add Design Specific			N/A
••	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repairs		ements: 1986 e Case: N/A	
5. <u> </u>	Ident	ification of Co	mponents Repa	ired or Re	placed and Repl	acement C	omponents	
Name of Componer	nt	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or

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
			·				
					,		
	rus tu t				•		

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

Date

FORM NIS-2 (Back)

Sheet	2	of	2	

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 __ Certificate of Authorization No. Expiration Date. ___ Signed __ 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 ____ to __///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. Inspector's Signature Commissions National Board, State, Province, and Endorsements Mod 3, 1999

As Required by the Provisions of the ASME Code Section XI

1.	Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Date11/5/99
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet1 of2
2.	Plant H.B.ROBINSON Name	Unit2
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	ESR#: N/A EE: N/A WR/JO:ALDM 002 CR: N/A Repair Organization PO No; Job No; etc.
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol Stamp N/A Authorization No. N/A
	3581 West Entrance Rd: HARTSVILLE, SC 29550 Address	Expiration DateN/A
4.	Identification of System: Class: 1 REACTOR COOLA	NT SYSTEM 2005
5.	(a) Applicable Construction Code: ASME Section III Design S	Edition:1965 Addenda:S 1966 Code Case:N/Apecification: 676397
6.	(b) Applicable Edition of Section XI Utilized for R	epairs 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 [X]
 Other [VT-1] Pressure[2246] psig Test Temp.[537] °F

Sheet	2	of	2
Direct		. O.L.	

Remarks: See PM ALDM 002 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> , conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A
Expiration Date
Signed 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 <u>WISCONSIN</u> and employed
by _THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY ofHARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
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 W; #100128 National Board, State, Province, and Endorsements
Date, 1999

As Required by the Provisions of the ASME Code Section XI

						•		
1.	Owne	CAROLINA	POWER & LIGHT Name	COMPANY	Da	te	10/18/99	
	-	411 FAYETTEV	LLE ST. RALE	IGH. NC 27	602 Sh	eet1	of2	
2.	Pla	nt <u>H.</u> F	ROBINSON Name				2	
	358	31 West Entranc	e Rd: HARTSVI ddress	LLE. SC 29	550		0216 EE: N OOG1 CR: No ration PO No; S	I/A
3.	Work	Performed by C	AROLINA POWER	& LIGHT C		•	bol Stamp	
					Aut	horization	No	N/A
	_358	1 West Entranc	e Rd: HARTSVI Address	LLE. SC 29	550 Exp	iration Da	te	N/A
4.	Ident	ification of S	ystem: Class	: 3 AUXII	LIARY FEEDWATE	SYSTEM	3065	
5.	(a)	Applicable Con	struction Code	e: B 31.1 E	dition: 1967 / Design Speci			N/A
6.	(b) A	pplicable Edit	ion of Section	n XI Utiliz		or Replac		
6.	Ident	ification of Co	omponents Repa	ired or Re	placed and Rep	lacement C	omponents	
Name of Compone		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	_	Maintenance	N/A	N/A	P/N 514-013-	1999	Replacement	N
1-35/2					39			\vdash
-								
					. •			

- 7. Description of Work: <u>Installed a perimiter shim behind the baseplate of support AB-CAR-C-1-35/2</u>
- Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure []

 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] *F

Sheet 2 or 2	Sheet	2	of	2
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Remarks: See WR 99 ADOG1 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A
Expiration Date. N/A
Signed Mulbler 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 <u>WISCONSIN</u> 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
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. E. O. Plane
Inspector's Signature Commissions W, #100128 National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

1.	Owne	CAROLINA	POWER & LIGHT Name	COMPANY	_ Dat	e	11/2/99	
	.	411 FAYETTEV	LLE ST RALE Address	IGH. NC 27	602 She	et1	of2	
2.	Pla	nt <u>H.F</u>	ROBINSON Name	<u>-</u>	Uni	t	2	
	358	31 West Entranc	e Rd: HARTSVI Address	LLE. SC 29	550 W	SR#: N/A R/JO:98 A air Organi	EE: N/A GTH1 CR: N zation PO No; J	∕A ob No; et
3.	Work	Performed by C	AROLINA POWER	& LIGHT CO	OMPANY Typ	e Code Syr	mbol Stamp	N/A
					Aut	horization	No	N/A
	_358	11 West Entranc	e Rd: HARTSVI) Address	LLE. SC 295	550 Exp	iration Da	te	N/A
4.	Ident	ification of S	ystem: Class	s: 2 MAINS	STEAM SYSTEM	3020	•	
5.	(a)	Applicable Con	struction Code	e: B31.1 Ed	dition: 1967 Ad Design Specifi			/A
6.					ed for Repairs	or Replac	cements: 1986 de Case: N/A	
6. Name of Componer	:	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Rođ		Ebasco	N/A	N/A	CPL-212/M	1971	Replaced	N
Rođ		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

Sheet	2	of	2
CALCUC.		· ·	

ng Martin Profit

Remarks: See WR 98 AGTH1 turnover package

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> , conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization NoN/A
Expiration Date. N/A
Signed 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 <u>WISCONSIN</u> 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.
$m{i}$
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.
Date, 1999

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

Land State of the
As Required by the Provisions of the ASME Code Section XI

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1. Owner	CAROLINA	POWER & LIGHT Name .	COMPANY	_ Date	·1	1/18/99	
<u>:</u>	411 FAYETTEVI	LLE ST., RALE Address	IGH. NC 27	602 Shee	t1	of2	 ·
2. Plan	nt <u>H.B</u>	.ROBINSON Name	•	Unit	-	22	
_358	31 West Entranc A	e Rd: HARTSVI ddress	LLE. SC 29	550WE	R#: N/A R/JO:98 AE ir Organiz	,	
3. Work	Performed by C	AROLINA POWER	& LIGHT CO	MPANY Type	Code Sym	bol Stamp	N/A
				Auth	orization	No	N/A
<u>358</u>	1 West Entranc	e Rd: HARTSVI Address	LLE. SC 295	550 Expi	ration Da	te	N/A
4. Ident	ification of S	ystem: Class	s: 3 SERVI	CE WATER SYSTEM	4	060	
5. (a)	Applicable Cons	struction Code	e: N/A Edit	ion:N/A Addenda			
6.				Design Specific			
(b) A	pplicable Edit	ion of Section	n XI Utiliz	ed for Repairs		ements: 1986 e Case: N/A	
6. Ident	ification of Co	omponents Repa	aired or Re	placed and Repl			
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

- Description of Work: Replaced flexible rubber pipe on diesel.
- 8. Test Conducted: Hydrostatic [] Pneumatic [] Nominal Operating Pressure [X]
 Other [] Pressure[>15] psig Test Temp.[>75] °F

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Sheet	 of	2

Remarks: See WR 98 AEYD1 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>Replacement</u> conforms to
the rules of the ASME Code, Section XI.
Type Code Symbol Stamp
Certificate of Authorization NoN/A
Expiration DateN/A
Signed ISI ENGINEER Date: 1/18 , 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 <u>WISCONSIN</u> 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
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-5. Osley Commissions W. #100128 Inspector's Signature National Board, State, Province, and Endorsements
Date

As Required by the Provisions of the ASME Code Section XI

			**		•		
1. Owner	CAROLINA	POWER & LIGHT	COMPANY	-	Date	11/18/99	
ം <u>.</u> പോട് ം :	411 FAYETTEVI	LLE ST., RALE Address	IGH. NC 270	602	Sheet1	of2	
2. Plan	nt <u>H.B</u>	ROBINSON Name			Unit	2	
356	31 West Entranc		LLE. SC 295	550	ESR#: N/A WR/JO:98 A Repair Organi		
3. Work	Performed by C	AROLINA POWER	& LIGHT CO	OMPANY	Type Code Sy	mbol Stamp	N/A
					Authorizatio	n No	N/A_
358	1 West Entrance	Rd: HARTSVI Address	LLE. SC 295	550	Expiration D	ate	N/A
4. Ident	ification of S	/stem: Class	s: 3 SERVI	CE WATER S	YSTEM	4060	
5. (a)	Applicable Cons	struction Code	e: N/A Edit		denda:N/A Cod		
6. (b) A	pplicable Edit	on of Section	n XI Utiliz	-	airs or Repla		
5. Ident	ification of Co	omponents Repa	aired or Re	placed and			13
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	Year	Repaired, Replaced, or	ASME Code
24.						Replacement	(Yes or No)
6-CW-88	Ebasco	N/A	N/A	N/A	1971	Replaced	N
5-CW-88	Maintenance	N/A	N/A	N/A	1998	Replacement	N
1	-						
11.		1 Ų.					
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							<u> </u>
Descr	iption of Work:	Replaced fle	xible rubbe	er pipe on	diesel.	en de la companya de La companya de la companya de	
. Test	Conducted: Hy	ydrostatic	[] Pneuma	tic [] No	minal Opera	ting Pressure	(X1 ≥
	And the second				*		
Other	[] Pre	ssure[40] ps	sig Test	t Temp.[8	3] °F		

Sheet	2	of	
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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 ____ Certificate of Authorization No. Expiration Date. _ Signed 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 <u>WISCONSIN</u> 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 ______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 W, #100128

National Board, State, Province, and Endorsements Date Nov 18 , 1999

As Required by the Provisions of the ASME Code Section XI

1. Own	er <u>CAROLINA</u>	POWER & LIGHT Name .	COMPANY	_ Da	te1	1/18/99	
	411 PAYETTEVI	LLE ST., RALE Address	IGH. NC 276	502 Sho	eet1	of2	
	81 West Entranc	Name	LLE. SC 295			EE: N/A 'AFl' CR: N	
3. Work	Performed by C		& LIGHT CO	DMPANY Tyr	oe Code Sym	bol Stamp	N/A
_35	81 West Entrance	Rd: HARTSVII Address	LLE. SC 295	i <u>50</u> Exp	oiration Da	te	N/A
	Applicable Editi	•			Cod	e Case: N/A	ASME Code Stamp (Yes or
6-CW-86	Ebasco	N/A	N/A	N/A	1971	Replaced	No)
6-CW-86	Maintenance	N/A	N/A	N/A	1998	Replacement	N

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

Sheet	2	of	_2_	-

Remarks: See WR 98 AFAF1 turnover package.

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 StampN/A
Certificate of Authorization No. N/A
Expiration Date
Signed ISI ENGINEER Date: ///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 <u>WISCONSIN</u> 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 $1/-18-99$ 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.
0 - 0 - 20
Inspector's Signature Commissions W. #100128 National Board, State, Province, and Endorsements
Date