



Serial: RNP-RA/03-0018

FEB 11 2003

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-261/LICENSE NO. DPR-23

SUBMITTAL OF 90 DAY INSERVICE INSPECTION SUMMARY REPORT

Ladies and Gentlemen:

In accordance with the requirements of 10 CFR 50.55a, "Codes and Standards," Carolina Power & Light (CP&L) Company is providing, as an attachment to this letter, the Inservice Inspection (ISI) Summary Report for Class 1 and Class 2 pressure retaining components and their supports. This report has been prepared to meet the stipulation of the American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, Section XI, 1995 Edition, 1996 Addenda, Article IWA-6000. This report covers inspection activities before and during Refueling Outage 21 at the H. B. Robinson Steam Electric Plant, Unit No. 2.

If you have any questions concerning this matter, please contact me.

Sincerely,

*CA Castles*  
*for*

C. T. Baucom  
Supervisor - Licensing/Regulatory Programs

CAC/cac

Attachment

c: Resident Inspector, HBRSEP  
C. Patel, NRC, NRR  
L. A. Reyes, NRC, Region II

INSERVICE INSPECTION REPORT  
INTERVAL 4, PERIOD 1, OUTAGE 1  
(RO #21)

ISI SUMMARY REPORT

FOR

H.B. ROBINSON NUCLEAR STATION (UNIT 2)  
3581 WEST ENTRANCE ROAD  
HARTSVILLE, SC 29550

CAROLINA POWER & LIGHT COMPANY

COMMERCIAL SERVICE DATE: 3/7/71

REPORT COMPLETION DATE: 1/16/03

**FORM NIS-1 OWNER'S REPORT FOR INSERVICE INSPECTIONS**  
**As required by the Provisions of the ASME Code Rules**

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1. Owner: Carolina Power & Light Company, 411 Fayetteville St., P.O. Box 1551 Raleigh, NC 27602

(Name and Address of Owner)

2. Plant: H. B. Robinson Steam Electric Plant, 3581 West Entrance Rd., Hartsville, SC 29550

(Name and Address of Plant)

3. Plant Unit : Unit No. 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.
Reactor Vessel Head	Combustion Engineering	S/N 66109	N/A	2928
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
Reactor Coolant Pump A	Westinghouse	CPLRCPCPC1	N/A	N/A
Reactor Coolant Pump B	Westinghouse	CPLRCPCPC2	N/A	N/A
Reactor Coolant Pump C	Westinghouse	CPLRCPCPC3	N/A	N/A
Residual Heat Removal Heat Exchanger.	Westinghouse	CPLACAHRS1	N/A	731
Boron Injection Tank	Southern Fabricators	S/N 0049	N/A	368
Piping	Ebasco Services	N/A	N/A	N/A
Piping	Maintenance	N/A	N/A	N/A

FORM NIS-1 (Back)

8. Examination Dates: 6/1/02 to 11/13/02
9. Inspection Interval from: 2/19/02 to 2/19/12
10. Applicable Editions of Section XI: 1995 Edition, through the 1996 Addenda
11. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval.
- See Attached Summaries
12. Abstract of Conditions Noted.
- See Attached Summaries
13. Abstract of Corrective Measures Recommended and Taken.
- See attached Summaries

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

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

Date: 1/17/03 Signed: Carolina Power & Light Company By: Original signed by M. Blew  
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 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 5/10/01 to 11/13/02 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.

Original signed by  
C. F. Toegel, Jr. Commissions NB # 8462 (A,N,I) NC # 1073  
Inspector's Signature National Board, State, Province, and Endorsement

Date: 16 January, 2003

## **1.0 ABSTRACT**

- 1.1 This report presents the results of the Inservice Inspection of the Fourth Interval, First Period, First Outage, for refueling outage number twenty-one (RFO 21), at the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2. Examinations of steam generator feedwater nozzles per 79-13, piping welds, piping supports, component welds, component supports, and bolting, were conducted in accordance with ASME Section XI, 1995 Edition, thru 1996 Addenda. Repair and replacement efforts included modification and maintenance of component replacements. 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. No service-induced 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 evaluated and accepted, repaired or restored to the original design configurations.

## **2.0 INTRODUCTION**

- 2.1 This report contains a detailed item-by-item summary of examination results performed by Carolina Power & Light Company and Sciencetech since the start of the Fourth Ten-Year Interval, which began on February 19, 2002. The Fourth Interval, First Period examination percentage requirements are contained in Tab G. 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 21 and may be obtained through the Carolina Power & Light Company plant document control services.

## **3.0 EDDY CURRENT EXAMINATION**

- 3.1 Eddy Current Examination of Steam Generator "A", Steam Generator "B", and Steam Generator "C" primary tubes were conducted and are summarized in TAB A of this Report.

#### **4.0 INSERVICE EXAMINATION EVALUATION**

- 4.1 The ISI exams performed prior to and during refueling outage twenty one at HBRSEP, Unit No. 2, were conducted in accordance with the outage plan derived from the Fourth Ten Year Inservice Inspection Program and Plan. This plan meets the requirements of ASME Section XI as defined in the 1995 Edition, thru the 1996 Addenda, the HBRSEP, Unit No. 2, Technical Specifications, Section 5.5, and Title 10 of the Code of Federal Regulations, Part 50.55a(g).
- 4.2 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 per TMM-038, "Inservice Examination", by Engineering. The examination and evaluations reports are retained in the Final Report for RFO 21 and are retained by HBRSEP, Unit No. 2, as permanent records for retrieval and review for the life of the component. A summary of examinations, attached herein, contains listings of the examinations performed, details of the component identification, code category, code item number, examination area, work documents and other applicable identifying information.
- 4.3 Ultrasonic, magnetic particle, and liquid penetrant examinations revealed no service-induced flaws exceeding the acceptance criteria of ASME Section XI, 1995 Edition, thru 1996 Addenda.
- 4.4 Visual examinations of supports, which revealed indications requiring evaluation, have been dispositioned per TMM-038 as operable. Component Supports requiring corrective action per Civil Engineering will be re-inspected to ensure those components have been returned to their design condition.
- 4.5 The results of examinations performed at HBRSEP, Unit No. 2, during refueling outage twenty-one are classified into one of the following categories:

A - No Indications  
B - Non-Recordable Indications

## C - Rejectable Indications

4.6 All reported indications on supports 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, in some cases, Carolina Power & Light Company has elected to restore the supports to their original design via the WR (Work Request) and WO (Work Order) process.

4.7 The Inservice Examination Summary tables (TAB B) itemize the components examined during refueling outage twenty-one. The following is a brief explanation of the type of information included in the NDE Summary:

- **Component ID** - Identification of the component examined or tested
- **Component Description** - A description of the component configuration
- **System** - The system on which the component was examined
- **Line #** - The applicable line # on which the examination was performed (if applicable).
- **Code Class** – The ASME classification of the component examined
- **Code Category** - The ASME Code Category that the examination was performed to.
- **Code Item Number** - The Item number of the applicable Code Category that the examination was performed to.
- **Zone** - The isometric sketch identifying the location of the component being examined.
- **Code Cases** – Applicable Code Cases utilized in conjunction with the examination or test
- **Calibration Block** - The ultrasonic calibration block used to perform the examination (as applicable).
- **Procedure** - The procedure utilized to perform the examination.
- **Examination Method** – The examination or test method
- **Examination Completion** - The date the examination was completed.
- **Examination Results** - The results of the examination performed.
- **CRV/CRA Coverage** - The percent Code required volume (CRV) or Code required area (CRA) covered during the examination.

- **Percentage Completion Requirements** – The number of examinations completed and applicable percentages are contained in Tab G.

## **5.0 AUGMENTED EXAMINATION PROGRAM**

- 5.1 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 (79-13). Additional augmented exams included 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 TAB C of this Report.

## **6.0 PRESERVICE EXAMINATION**

- 6.1 Preservice examination of Code Class components were conducted at the H.B. Robinson Unit 2 Plant from the start of the Fourth Interval on February 19, 2002 through refueling outage twenty-one, following repair/replacement activities. The items and areas examined are listed in TAB F, Repairs and Replacements, of this Report and were examined in accordance with the requirements of ASME Section XI as defined in the 1995 Edition with Addenda through 1996, HBRSEP, Unit No. 2, Technical Specifications Section 5.5 and Title 10 of the Code of Federal Regulations Part 50.55a(g).
- 6.2 The detailed examination data sheets recording all of the volumetric, surface and visual results are located in the RO 21 ISI Final Outage Report, and may be obtained through the Carolina Power & Light Company, HBRSEP, Unit No. 2, Document Control Services.

## **7.0 PRESSURE TEST SUMMARY**

- 7.1 Pressure tests and VT-2 examinations were performed in accordance with ASME Section XI, Plant Technical Specifications, and 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 is located in TAB E of this Report.



## **8.0 REPAIR AND REPLACEMENT PROGRAM**

- 8.1 The HBRSEP, Unit No. 2, Repair and Replacement Program (TAB F) for the Fourth Ten-Year Interval starting February 19, 2002 through November 15, 2002 underwent extensive review by the station personnel involved and the Authorized Nuclear Inservice Inspector (ANII). Work Order 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(b). The station has established February 19, 2002 as the document start date for this reporting period and a report closing date of January 17, 2003.

This report also includes repair/replacement activities that were completed after the previous outage (refueling outage 20) closure date of May 10, 2001 up to the start of the Fourth Ten-Year Interval of February 19, 2002. The repair/replacement activities performed in this timeframe were conducted to the 1986 Edition, no Addenda of ASME Section XI.

- 8.2 Work Order evolutions performed during the twenty first 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 Twenty One NIS-2 Summary or shall be included in the next refueling outage Summary Report (RFO#22), within the established guidelines of ASME Section XI, IWA-6230(b).
- 8.3 The enclosed repair and replacement summary and the attached ASME Section XI, NIS-2 forms detail the component, system, Work Order document, component description and the description of the Work Order activity. Complete repair and replacement documentation for the specific component is maintained on site as a permanent record and is retrievable through the WO (Work Order) document package, which is identified on the NIS-2 form.
- 8.4 Repairs performed on a leaking canopy seal weld during refueling outage twenty did not include the required NIS-2 form in the previous NIS-1 submittal. AR 73529 was written to address the oversight and the completed NIS-2 for the canopy seal weld repair is included in this NIS-1 submittal

# INSERVICE INSPECTION REPORT

## REFUELING OUTAGE 21 INDEX OF EXAMINATIONS

<u>TAB</u>	<u>EXAMINATION ACTIVITY</u>
A	EDDY CURRENT SUMMARY
B	INSERVICE EXAMINATION SUMMARY
C	AUGMENTED EXAMINATIONS
D	PRESERVICE EXAMINATIONS
E	PRESSURE TEST SUMMARY
F	REPAIR AND REPLACEMENTS
G	EXAMINATION PERCENTAGE SUMMARY

TAB

A

EDDY  
CURRENT  
SUMMARY

## ABSTRACT

The eddy current examinations were performed utilizing Zetec Bobbin Coil probes and Plus Point<sup>1</sup> and/or Pancake Coil probes. The site specific eddy current detection and sizing techniques used to perform the examinations were based on EPRI Revision 5 qualified techniques. Rotating Pancake/Plus Point (RPC) examinations were performed in S/G "A", "B" & "C" on approximately 20% of the inlet (hot) side historical manufacturing buff marks, dents (Hot Leg/Cold Leg), and on suspect bobbin indications (diagnostics). RPC examinations were also performed on 50% of the U-Bend region of row 1 and 2 tubes utilizing the Plus Point coil. Steam Generators "A", "B" & "C" had a total of approximately 50% tubes tested with bobbin coil probes and approximately 50% tested for hot leg top of tubesheet with RPC probes.

Steam generator "A" reported no wear indications in the AVB supports by the Bobbin Coil examination. Steam generator "B" reported no wear indications in the AVB supports by the Bobbin Coil examination. Steam generator "C" reported three tubes with two locations each of AVB wear. All three tubes had reported wear in the previous outage. The wear depths have not changed significantly since first reported in 1993.

S/G	Row/Column	Indication Type	% Depth	Location	Reason
A	R37C50	Wear	41	HTS + 0.04	Transient Loose Part (No part present) Preventatively Plug
A	R38C50	Wear	41	HTS + 0.04	Transient Loose Part (No part present) Preventatively Plug
A	R37C51	Wear	37	HTS + 0.03	Transient Loose Part (No part present) Preventatively Plug
A	R4C39	Wear	37	03C -0.88	Mechanical wear (No loose part present) Preventatively Plug
B	R1C27	Wear	41	CTS + 16.33	Suspect, Maintenance equipment - Preventatively Plug
B	R34C43	Wear	20	HTS + 0.02	Wear due to loose part with part still present. Preventatively Plug and stake
B	R24C65	Wear/DSI	30	02H+0.36	Wear due to loose part (No part present) Preventatively Plug
C	R45C41	Wear	50	06H -0.98	Wear due to loose part. (No loose part present) Plug Tube

<sup>1</sup> A plus point coil was included in every RPC examination performed. Typically the top-of-tubesheet and other straight sections of tubing are examined with a plus point/pancake combination probe.

TAB

B

INSERVICE  
EXAMINATION  
SUMMARY

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

Code Required Volume (CRV) and Code Required Area (CRA) have been identified throughout the ISI Summary Tables. When an examination is limited to  $\leq 90\%$  CRV or CRA as defined in ASME Code Case N-460 and NRC Information Notice 98-42, a relief request shall be submitted within 12 months of the close of the Fourth Ten-Year Interval. Generic Code Cases that apply to all examinations are not specifically identified for each examination.

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-105

105/CL-MNY-BLT	COLD LEG MANWAY BOLTING				95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1971 Sht. 1	1	N/A	N/A	N/A	VIS	A - NO INDICATIONS
RC	2005	B-G-2	N/A	N/A	VT-1	10/9/02
N/A		B7 30	N/A	N/A	100%	02-001

105/HL-MNY-BLT	HOT LEG MANWAY BOLTING				95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1971 Sht. 1	1	N/A	N/A	N/A	VIS	A - NO INDICATIONS
RC	2005	B-G-2	N/A	N/A	VT-1	10/9/02
N/A		B7.30	N/A	N/A	100%	02-001

Zone
CPL-110

110/SI-875A	VALVE SI-875A BOLTING				95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1082 Sht. 4	1	10"	N/A	N/A	VIS	A - NO INDICATIONS
RC	2005	B-G-2	140	N/A	VT-1	11/12/02
10-RC-23		B7.70	1.000"	N/A	100%	02-002

Zone
CPL-111

111/SI-875E	VALVE SI-875E BOLTING				95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1082 Sht. 4	1	10"	N/A	N/A	VIS	A - NO INDICATIONS
SI	2080	B-G-2	140	N/A	VT-1	10/25/02
10-SI-48		B7.70	1 000"	N/A	100%	02-003

Zone
CPL-118

118/RC-551A(B)	VALVE RC-551A BOLTING				95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1971 Sht 2	1	N/A	N/A	N/A	VIS	A - NO INDICATIONS
RC	2005	B-G-2	N/A	N/A	VT-1	8/5/02
4-RC-42		B7.70	N/A	N/A	100%	02-004

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-122

122/CVC-312A(B)		VALVE CVC-312A(B) BOLTING			95 Code 96 Addenda	NDEP-611 Rev. 14
5379-1971 Sht. 1		1	N/A	N/A	VIS	A - NO INDICATIONS
CVCS	2060	B-G-2	N/A	N/A	VT-1	10/27/02
3-CH-15		B7 70	N/A	N/A	100%	02-005

Zone
CPL-125

125/LCV-460A(B)		VALVE LCV-460A(B) BOLTING			95 Code 96 Addenda	NDEP-611 Rev. 14
5379-685 Sht. 1		1	N/A	N/A	VIS	A - NO INDICATIONS
CVCS	2060	B-G-2	N/A	N/A	VT-1	10/24/02
2-CH-17		B7.70	N/A	N/A	100%	02-006

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-143

143L		I-BEAM SUPPORT			95 Code 96 Addenda	NDEP-613 Rev. 18
5379-685 Sht. 1		1	HBR2-10618/55F	N/A	VIS	A - NO INDICATIONS
CVCS	2060	F-A	N/A	N/A	VT-3	10/27/02
2-CH-15B		F1.10	A	N/A	100%	02-007

Zone
CPL-202

202/WS-1		BIT TANK SUPPORT LEG			95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 1		2	HBR2-7064	N/A	VIS	A - NO INDICATIONS
SI	2080	F-A	YES/0 750"	N/A	VT-3	7/29/02
N/A		F1.40	N/A	N/A	100%	02-009



WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-204

204/*WS1-A	RHR HTX "A" SUPPORT INTEGRAL ATTACHMENT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1484 Sht. 1	2	N/A	N/A		SUR	A - NO INDICATIONS
RHR	2045	C-C	N/A	N/A	PT	9/10/02
N/A		C1 30	N/A	N/A	100%	02-010

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-204

204/WS1-A	RHR HTX "A" SUPPORT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1484 Sht. 1	2	HBR2-10618/60A	N/A		VIS	A - NO INDICATIONS
RHR	2045	F-A	YES/O 250"	N/A	VT-3	9/10/02
N/A		F1.40	N/A	N/A	100%	02-010

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA/CRV	Data Package
	Comments						

Zone
CPL-212

212/23BC	PIPE TO 8" BRANCH CONNECTION				95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1	2	8"	N/A		SUR	A - NO INDICATIONS
MS	3020	C-F-2	160	N/A	MT	10/20/02
26-MS-1		C5 81	0.906"	N/A	100%	02-011

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA/CRV	Data Package
	Comments						

Zone
CPL-212

212/24	BRANCH CONNECTION TO VALVE RV1				95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1	2	8"	N/A		SUR	A – NO INDICATIONS
MS	3020	C-F-2	160	N/A	MT	10/20/02
26-MS-1		C5 51	0 906"	N/A	100%	02-011

212/24	BRANCH CONNECTION TO VALVE RV1				95 Code 96 Addenda	83A6211 Rev. 0
G-190196 Sht. 1	2	8"	CPL-48		VOL	A – NO INDICATIONS
MS	3020	C-F-2	160	N/A	UT	10/20/02
26-MS-1		C5 51	0.906"	N/A	100%	02-011

212/31BC	PIPE TO 8" BRANCH CONNECTION				95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1	2	8"	N/A		SUR	A – NO INDICATIONS
MS	3020	C-F-2	160	N/A	MT	10/21/02
26-MS-1		C5 81	0 906"	N/A	100%	02-011

212/32	BRANCH CONNECTION TO VALVE SV1				95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1	2	8"	N/A		SUR	A - NO INDICATIONS
MS	3020	C-F-2	160	N/A	MT	10/21/02
26-MS-1		C5.51	0.906"	N/A	100%	02-011

212/32	BRANCH CONNECTION TO VALVE SV1				95 Code 96 Addenda	83A6211 Rev. 0
G-190196 Sht. 1	2	8"	CPL-48		VOL	A – NO INDICATIONS
MS	3020	C-F-2	160	N/A	UT	10/22/02
26-MS-1		C5 51	0 906"	N/A	100%	02-011

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA/CRV	Data Package
	Comments						

Zone
CPL-212

221/167	ELBOW TO VALVE FCV-605				95 Code 96 Addenda	83A6101 Rev. 5
5379-1484 Sht. 1	2	12"	N/A		SUR	A - NO INDICATIONS
RHR	2045	C-F-1	STD	N/A	PT	9/23/02
12-AC-3	C5.11	0.375"	N/A		100%	02-015

221/167	ELBOW TO VALVE FCV-605				95 Code 96 Addenda	83A6211 Rev. 0
5379-1484 Sht. 1	2	12"	CPL-33		VOL	A - NO INDICATIONS
RHR	2045	C-F-1	STD	N/A	UT	9/23/02
12-AC-3	C5.11	0.375"	N/A		100%	02-015

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-221A

221A/S-WS	WELDED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1484 Sht. 1	2	AB-CAR-SI-20-186	N/A		VIS	A - NO INDICATIONS
RHR	2045	F-A	YES/.7500"	N/A	VT-3	8/01/02
10-AC-1	F1 20	B	N/A		100%	02-016

Zone
CPL-221B

221B/A	CLOSED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1484 Sht. 1	2	AB-CAR-SI-20-252	N/A		VIS	A - NO INDICATIONS
RHR	2045	F-A	N/A	N/A	VT-3	7/15/02
10-AC-2	F1.20	B	N/A		100%	02-017

221B/E-WS	WELDED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1484 Sht. 1	2	AB-CAR-SI-20-186	N/A		VIS	A - NO INDICATIONS
RHR	2045	F-A	YES/.7500"	N/A	VT-3	7/15/02
10-AC-2	F1 20	B	N/A		100%	02-017

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-229

229/01	14" TEE TO PIPE				95 Code 96 Addenda	83A6101 Rev. 5
5379-1484 Sht. 1	2	14"	N/A		SUR	A - NO INDICATIONS
RHR	2045	C-F-1	40	N/A	PT	8/01/02
14-SI-45		C5 11	0 438"	N/A	100%	02-018

229/01	14" TEE TO PIPE				95 Code 96 Addenda	83A6221 Rev. 0
5379-1484 Sht. 1	2	14"	CPL-35		VOL	A - NO INDICATIONS
RHR	2045	C-F-1	40	N/A	UT	8/01/02
14-SI-45		C5.11	0.438"	N/A	100%	02-018

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-232

232/E-WS	WELDED SADDLE SUPPORT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht 3	2	AB-CAR-SI-9-N-21	N/A		VIS	A - NO INDICATIONS
SI/CS	2080	F-A	YES/ 2500"	N/A	VT-3	6/26/02
6-SI-41		F1.20	B	N/A	100%	02-020

Zone
CPL-233

233/A	ROD HANGER				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 2	2	SI-20-6086	N/A		VIS	A - NO INDICATIONS
SI	2080	F-A	N/A	N/A	VT-3	9/11/02
6-SI-88		F1.20	A	N/A	100%	02-021

233/B	CLOSED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 2	2	AB-CAR-SI-20-935	N/A		VIS	A - NO INDICATIONS
SI	2080	F-A	N/A	N/A	VT-3	9/11/02
6-SI-88		F1.20	B	N/A	100%	02-021

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-233

233/D-WS	WELDED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 2	2	AB-CAR-SI-20-944	N/A		VIS	A – NO INDICATIONS
SI	2080	F-A	YES/1 000"	N/A	VT-3	7/15/02
6-SI-88	F1.20	B	N/A		100%	02-021

233/P	STRUT RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 2	2	SI-20A/85/1	N/A		VIS	A – NO INDICATIONS
SI	2080	F-A	N/A	N/A	VT-3	7/15/02
6-SI-88	F1 20	B	N/A		100%	02-021

Zone
CPL-234

234/B-WS	WELDED BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 3	2	AB-CAR-SI-10-8	N/A		VIS	A - NO INDICATIONS
SI/CS	2080	F-A	YES/6250"	N/A	VT-3	8/5/02
6-SI-31	F1.20	B	N/A		100%	02-022

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-239

239/05	VALVE TO 4" X 4" X 3" REDUCING TEE				95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B
5379-1082 Sht. 2	2	4"	N/A		SUR	A - NO INDICATIONS
SI	2080	C-F-1	80	N/A	PT	7/24/02
4-SI-109	C5 21	0.337"	N/A		100%	02-023

239/05	VALVE TO 4" X 4" X 3" REDUCING TEE				95 Code 96 Addenda	NDEP-425 Rev. 4
5379-1082 Sht. 2	2	4"	CPL-70		VOL	A – NO INDICATIONS
SI	2080	C-F-1	80	N/A	UT	07/24/02
4-SI-109	C5 21	0.337"	N/A		100%	02-023

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-239

239/06	4" X 4" X 3" REDUCING TEE TO PIPE		95 Code 96 Addenda		NDEP-201 Rev. 24 App B, Att. B	
5379-1082 Sht. 2	2	4"	N/A	SUR	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	PT	7/24/02
4-SI-109		C5.21	0.337"	N/A	100%	02-023

239/06	4" X 4" X 3" REDUCING TEE TO PIPE		95 Code 96 Addenda		NDEP-425 Rev. 4	
5379-1082 Sht. 2	2	4"	CPL-70	VOL	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	UT	07/24/02
4-SI-109		C5 21	0 337"	N/A	100%	02-023

239/07	PIPE TO FLANGE FE-940		95 Code 96 Addenda		NDEP-201 Rev. 24 App B, Att. B	
5379-1082 Sht. 1	2	4"	N/A	SUR	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	PT	7/24/02
4-SI-109		C5 21	0 337"	N/A	100%	02-023

239/07	PIPE TO FLANGE FE-940		95 Code 96 Addenda		NDEP-425 Rev. 4	
5379-1082 Sht 1	2	4"	CPL-70	VOL	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	UT	07/24/02
4-SI-109		C5 21	0 337"	N/A	100%	02-023

239/08	FLANGE FE-940 TO PIPE		95 Code 96 Addenda		NDEP-201 Rev. 24 App B, Att. B	
5379-1082 Sht. 1	2	4"	N/A	SUR	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	PT	7/24/02
4-SI-109		C5 21	0 337"		100%	02-023

239/08	FLANGE FE-940 TO PIPE		95 Code 96 Addenda		NDEP-425 Rev. 4	
5379-1082 Sht 1	2	4"	CPL-70	VOL	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	UT	07/24/02
4-SI-109		C5 21	0 337"	N/A	100%	02-023

239/18	PIPE TO ELBOW		95 Code 96 Addenda		NDEP-201 Rev. 24 App B, Att. B	
5379-1082 Sht 1	2	3"	N/A	SUR	A – NO INDICATIONS	
SI	2080	C-F-1	80	N/A	PT	9/23/02
3-SI-14		C5 21	0.300"	N/A	100%	02-023

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-239

239/18	PIPE TO ELBOW				95 Code 96 Addenda	NDEP-425 Rev. 4
5379-1082 Sht. 1	2	3"	CPL-71		VOL	A – NO INDICATIONS
SI	2080	C-F-1	80	N/A	UT	9/23/02
3-SI-14	C5.21	0 300"	N/A		100%	02-023

239/19	ELBOW TO PIPE				95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B
5379-1082 Sht. 1	2	3"	N/A		SUR	A – NO INDICATIONS
SI	2080	C-F-1	80	N/A	PT	9/23/02
3-SI-14	C5 21	0 3007"	N/A		100%	02-023

239/19	ELBOW TO PIPE				95 Code 96 Addenda	NDEP-425 Rev. 4
5379-1082 Sht. 1	2	3"	CPL-71		VOL	A – NO INDICATIONS
SI	2080	C-F-1	80	N/A	UT	9/23/02
3-SI-14	C5.21	0.300"	N/A		100%	02-023

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-239

239/A	ROD HANGER				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 1	2	HBR2-10618, SHT 105F	N/A		VIS	C - RECORDABLE INDICATIONS
SI	2080	F-A	YES/6250"	N/A	VT-3	8/5/02
4-SI-110	F1.20	A	N/A		100%	02-023
EXAM REVEALED DRAWING DIRCREPANCIES – CIVIL EVALUATION IDENTIFIED NO OPERABILITY CONCERNS, DRAWING WILL BE UPDATED TO REFLECT AS BUILT FIELD CONDITION						

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-240

240/13	PIPE TO 4" X 4" X 3" REDUCING TEE				95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B
5379-1082 Sht. 1	2	3"	N/A		SUR	A - NO INDICATIONS
SI	2080	C-F-1	80	N/A	PT	7/24/02
3-SI-12	C5 21	0 300"	N/A		100%	02-024

240/13	PIPE TO 4" X 4" X 3" REDUCING TEE				95 Code 96 Addenda	NDEP-425 Rev. 4
5379-1082 Sht. 1	2	3"	CPL-71		VOL	A - NO INDICATIONS
SI	2080	C-F-1	80	N/A	UT	07/24/02
3-SI-12	C5 21	0 300"	N/A		100%	02-024

240/27	PIPE TO ELBOW				95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B
5379-1082 Sht. 1	2	3"	N/A		SUR	A - NO INDICATIONS
SI	2080	C-F-1	80	N/A	PT	7/24/02
3-SI-13	C5.21	0 300"	N/A		100%	02-024

240/27	PIPE TO ELBOW				95 Code 96 Addenda	NDEP-425 Rev. 4
5379-1082 Sht. 1	2	3"	CPL-71		VOL	A - NO INDICATIONS
SI	2080	C-F-1	80	N/A	UT	07/24/02
3-SI-13	C5 21	0 300"	N/A		100%	02-024

SUPPORTS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach./"t"	Hot Set	Exam Type	Exam Date
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone
CPL-241

241/B	PIPE CLAMP BOX RESTRAINT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 1	2	HBR2-10618/105F	N/A		VIS	A - NO INDICATIONS
SI	2080	F-A	N/A	N/A	VT-3	7/24/02
4-SI-110	F1 20	B	N/A		100%	02-025

241/H-WS	WELDED SPRING SUPPORT				95 Code 96 Addenda	NDEP-613 Rev. 17
5379-1082 Sht. 1	2	HBR2-10618/105F	N/A		VIS	A - NO INDICATIONS
SI	2080	F-A	YES/ 250"	N/A	VT-3	8/06/02
4-SI-110	F1.20	C	N/A		100%	02-025



WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-241

244/02	VALVE SI-868B TO PIPE				95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B
5379-1082 Sht. 1	2	2	N/A	SUR	A - NO INDICATIONS	
SI	2080	C-F-1	160	N/A	PT	7/29/02
2-SI-64	C5 21	0 344"	N/A	100%	02-026	

TAB

C

# AUGMENTED EXAMINATIONS

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-144

144/A-FLYWHEEL	RCP "A" FLYWHEEL				Augmented	83A6061 Rev. 1
5379-1971 Sht. 1	1	N/A	N/A		VOL	A - NO INDICATIONS
RC	2005	AUGMENTED	N/A	N/A	UT	10/17/02
N/A		E-5	N/A	N/A	100%	02-008

144/B-FLYWHEEL	RCP "B" FLYWHEEL				Augmented	83A6061 Rev. 1
5379-1971 Sht. 1	1	N/A	N/A		VOL	A - NO INDICATIONS
RC	2005	AUGMENTED	N/A	N/A	UT	10/17/02
N/A		E-5	N/A	N/A	100%	02-008

144/C-FLYWHEEL	RCP "C" FLYWHEEL				Augmented	54-ISI-117-21
5379-1971 Sht. 1	1	N/A	N/A		VOL	A - NO INDICATIONS
RC	2005	AUGMENTED	N/A	N/A	UT	1/23/02
N/A		E-5	N/A	N/A	100%	02-008

144/C-FLYWHEEL	RCP "C" FLYWHEEL				Augmented	54-ISI-271-00
5379-1971 Sht. 1	1	N/A	N/A		SUR	A - NO INDICATIONS
RC	2005	AUGMENTED	N/A	N/A	MT	1/23/02
N/A		E-5	N/A	N/A	100%	02-008

Zone
CPL-215

215/79-13-A	S/G "A" FEEDWATER NOZZLE TO ELBOW				Augmented	83A6211 Rev. 0
G-190197 Sht. 4	2	18"	CPL-57		VOL	A - NO INDICATIONS
FW	3050	AUGMENTED	100	N/A	UT	10/18/02
N/A		E-1	1.156	N/A	100%	02-012

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-216

216/79-13-B	S/G "B" FEEDWATER NOZZLE TO ELBOW				Augmented	83A6211 Rev. 0
G-190197 Sht. 4	2	18"	CPL-57		VOL	A - NO INDICATIONS
FW	3050	AUGMENTED	100	N/A	UT	10/20/02
N/A		E-1	E-1	N/A	100%	02-013

Zone
CPL-217

217/79-13-C	S/G "C" FEEDWATER NOZZLE TO ELBOW				Augmented	83A6211 Rev. 0
G-190197 Sht. 4	2	18"	CPL-57		VOL	A - NO INDICATIONS
FW	3050	AUGMENTED	100	N/A	UT	10/15/02
N/A		E-1	1.156"	N/A	100%	02-014

Zone
CPL-231

231/30	VALVE SI-844B TO PIPE				Augmented	NDEP-419 Rev. 5
5379-1082 Sht. 3	2	8"	CPL-67		VOL	A - NO INDICATIONS
SI/CS	2080	AUGMENTED	10	N/A	UT	6/27/02
8-SI-28		E-8	0 148"	N/A	50%	02-019

Zone
CPL-232

232/16	ELBOW TO PIPE				Augmented	NDEP-419 Rev. 5
5379-1082 Sht. 3	2	6"	CPL-66		VOL	A - NO INDICATIONS
SI/CS	2080	AUGMENTED	40	N/A	UT	6/27/02
6-SI-30		E-8	0 280"	N/A	100%	02-020

232/17	PIPE TO 6" TEE				Augmented	NDEP-419 Rev. 5
5379-1082 Sht. 3	2	6"	CPL-66		VOL	A - NO INDICATIONS
SI/CS	2080	AUGMENTED	40	N/A	UT	6/27/02
6-SI-30		E-8	0 280"	N/A	100%	02-020

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Diameter	Cal Std 1	Exam Method	Exam Results
	System	System #	Category	Pipe Sch	Cal Std 2	Exam Type	Exam Date
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

Zone
CPL-234

234/08	PIPE TO VALVE SI-880A				Augmented	NDEP-419 Rev. 5
5379-1082 Sht. 3	2	6"	CPL-66		VOL	A - NO INDICATIONS
SI/CS	2080	AUGMENTED	40	N/A	UT	8/5/02
6-SI-31	E-8	0.280"	N/A		100%	02-022

TAB

D

PRESERVICE  
EXAMINATIONS

There were no pre-service examinations performed on components required to be identified and examined within the Inservice Inspection Program since the last refueling outage submittal, other than those pre-service examinations performed as a result of a repair/replacement activity. Pre-service examinations performed, as required by ASME Section XI, as a result of a repair/replacement activity are identified in TAB F, as applicable.

TAB  
E  
  
PRESSURE  
  
TEST  
  
SUMMARY



The table below lists the tests performed to date for the first period of the Fourth Ten Year Interval.

SYSTEM	DESCRIPTION	DATE	PROCEDURE	RESULTS
SI	Safety Injection and Containment Spray Suction Piping	9/17/02	*EST-091	SATISFACTORY
FW	Steam Generator Secondary Side Inside Containment	10/12/02	EST-128	SATISFACTORY
SI	Safety Injection Accumulators Inside Containment	10/12/02	*EST-129	SATISFACTORY
SW	Service Water Inside Containment	10/12/02	EST-081	SATISFACTORY
CCW	Component Cooling Water System Inside Containment	10/12/02	EST-076	SATISFACTORY
RCS	Reactor Coolant System	11/11/02	*EST-083	SATISFACTORY

\*Includes Bolting Inspection on Borated Systems

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.

**TAB  
F**

**REPAIRS  
AND  
REPLACEMENTS  
(63 Forms)**

Work Order	Equipment Number	Plant System	Description of Activity
113052	CHG-PMP-A	2060	Replaced two (2) cross-head extensions due to scoring.
136717	Snubber #12	3005	Replaced galled nut
137015	SW-545	4060	Replaced existing SW-545 with spare refurbished valve from stores
137067	CVC-312A	2060	Remove and replace seal weld cover on CVC-312A.
137092	CVC-365A	2060	Replaced bonnet on CVC-365A with spare from stores.
137358 01	Reactor Vessel	1005	Repaired head penetration #68 (B-10) canopy seal weld with a weld overlay in accordance with Relief Request # 33.
147517	AFW-PMP-A	3065	Replaced end cover bonnet due to excessive corrosion
147936	FE-486	3050	Replaced 12 flange nuts
147937	FE-496	3050	Replaced 12 flange nuts
147938	FE-476	3050	Replaced 12 flange nuts
148025 01	CVC-203B	2060	Replaced relief valve with spare.
148406 06	RHR-PMP-A	2045	Replaced stuffing box extension and bolting
149914	RC-567	2005	Replaced valve RC-567 and associated piping
149915	RC-568	2005	Replaced valve RC-568 and associated piping
150926 01	LCV-460A	2060	Replaced one bolt and one nut on LCV-460A
153353	RC-571	2005	Replaced valve RC-571 and associated piping
157919 01	FCV-1608B	4060	Replaced 3" pipe nipples, valve ball and Victaulic couplings.
167847	SG-A-PM-CVR	3005	Replaced hot and cold leg manway bolting with spare rotating set.
167893 01	BA-PMP-A	2060	Replaced damaged casing bolt and nut.
168164 01	CVC-277A	2060	Replacement of valve CVC-277A and piping.
178052 01	DG-FO-STRG-TNK	5100	Installing new drain valve/line and repairing tank bottom
182069 01	RC-569	2005	Replaced valve RC-569 and associated piping
182079	RC-570	2005	Replaced valve RC-570 and associated piping
189018 04	SWBP A	4060	Replaced rotating assembly.
192771	Reactor Vessel	1005	Installed mechanical clamp on head penetration #50 lower canopy seal weld and weld overlay repaired lower canopy seal welds on head penetrations #10, #14 & #30 per Relief Request #18
199899 01	CVC-342	2060	Replaced valve bonnet
205008	FE-1107A	3050	Installing ultrasonic flowmeters on A, B and C Feedwater trains by welding
205026 01	FW-7C	3050	Replaced one stud and four nuts at the body to bonnet connection
206924 01	FE-122	2060	Replaced studs and nuts due to inadequate thread engagement
206987 02	VOL-CTRL-TNK	2060	Replaced manway bolting on VOL-CTRL-TNK.
234465	CVC-382	2060	Replaced valve disc.
234536	SW-545	4060	Repair fillet weld at disc stop and rebuild valve as a spare.

Work Order	Equipment Number	Plant System	Description of Activity
236875 01	CVC-203B	2060	Replaced Valve Disc and Nozzle Insert
236955	Snubber #32	3020	Replaced snubber 32 following failed functional test
239182	SI-875L	2080	Replaced valve and pipe by welding
246161 05	AFW-9	3065	Replace 2" AFW-9 valve and adjacent piping and fittings
278583	SG-B-PM-CVR	3005	Replaced hot and cold leg manway bolting with spare rotating set.
278584	SG-C-PM-CVR	3005	Replaced hot and cold leg manway bolting with spare rotating set.
296041	HVH 8B	8210	Replace cooling coil and nipple
319052 02	SI-876E	2080	Replace valve SI-876E, nipple and cap.
327868 01	RC-513	2005	Replaced 1/2" X 3/8" fitting
327947 01	CVC-299K	2060	Replace 3/4" valve & pipe piece
327948 01	CVC-299M	2060	Replace 3/4" valve & pipe
329882	Head Vent	1005	Repair weld at head vent coupling and removed indications from coupling base metal.
331503	Snubber #31	3020	Replaced snubber 31 following failed functional test
332538 01	CVC-310H	2060	Seal welded pipe cap.
334480 01	2-SI-601R-108	2080	Replaced capscrews on blind flange on line 2-SI-601R-108
334565 01	CPL-132/A	2060	Replaced clevis clamp and bolting on support CPL-132/A
334846 01	N-5 & N-12	2005	Capped N-5 and N-12 flux thimbles
52706	SI-875H	2080	Replaced valve and pipe with a pre-fabricated assembly from stores
54119	2-FO-58A	5100	Modifying A & B diesel fuel oil system piping
54206 01	CPL-328/T	4080	Tightened and staked clevis nuts per HBR2-C-011.
54207 01	CPL-218/E	2080	Tightened bolting and installed lock nuts.
54221	CPL-222/E	2080	Clean paint from spherical bearings (VT-3)
64280 01	SW-PMP-D	4060	Replaced Service Water Pump D with refurbished spare
77606	CHG-PMP-B-DAMP	2060	Replace mounting plate stud and nut.
<b>Additional Forms from Previous Summary Report Period</b>			
54208 01	CPL-244/E	2080	Tightened nut on hanger.
52886 01	B CCW HX	4080	Replaced the B component cooling heat exchanger channel head and bolting.
52885	SW-739 and SW-740	4060	Replaced service water valves SW-739 and SW-740.
127322 01	Snubber #30	3020	Replaced main steam system snubber #30 and bolting.
137487 01	CVC-352	2060	Replaced chemical and volume control system valve CVC-352.
142454 01	CPL-247/P-WS	2080	Modified safety injection system support.
142647 01	3-RC-116, 117, 127	2005	Modified reactor coolant system supports 3-RC-116, 3-RC-117, and 3-RC-127.

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/18/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/JO: 113052 01 CR:N/A  
Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A  
Design Specification: E SPEC-676428  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CHG-PMP-A	Union Pump	274158	N/A	Cylinder Head Extension	1971	Replaced	N
CHG-PMP-A	Union Pump	274158	N/A	Cylinder Head Extension	1977	Replacement	N

7. Description of Work: Replaced two (2) cross-head extensions due to scoring.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR 113052-01 turnover package

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 3/18, 2002

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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/19/02 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 [Signature] Commissions NB# 8462 (A, N, I), NC# 1073  
National Board, State, Province, and EndorsementsDate: 3/19, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address ESR# N/A EE N/A  
WR/VO 136717 CR N/A  
Repair Organization PO No.; Job No., etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address Authorization No: N/A  
Expiration Date: N/A
4. Identification of System: Class: 2 STEAM GENERATOR SYSTEM 3005
- 5 (a) Applicable Construction Code: ASME III NF Edition: 1971 Addenda: S/73 Code Case: N/A  
Design Specification: CAR-SH-M-30
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity, 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Nut	Holth/Munroe	N/A	N/A	Snubber #12	1971	Removed	N
Nut	N/A	N/A	N/A	Snubber #12	2002	Installed	N

7. Description of Work: Replaced galled nut
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ VT-3 Pressure ☐ N/A psig Test Temp. ☐ N/A °F

Remarks: See 136717 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 7 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address  
ESR#: N/A EE: N/A  
WR/WO 137015 CR N/A  
Repair Organization PO No; Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No : N/A  
Expiration Date. N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case N/A  
Design Specification: N/A  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-545	Crane	N/A	N/A	Check Valve	1971	Removed	N
SW-545	Crane	V6-15-2	N/A	Check Valve	2002	Installed	N

7. Description of Work: Replaced existing SW-545 with spare refurbished valve from stores
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp ☐ NOT °F

Remarks: See WO 137015 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/21/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/8/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B. ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO: 137067 CR: N/A  
Repair Organization PO No.; Job No., etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address
- Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416

## 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Seal Cap	N/A	N/A	N/A	CVC-312A	1995	Removed	N
Seal Cap	Astro Nuclear Dynamics	1238-1	N/A	CVC-312A	2002	Installed	N

7. Description of Work: Remove and replace seal weld cover on CVC-312A
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See WO 137067 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/8 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/21/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address  
ESR#: N/A EE: N/A  
WR/VO: 137092 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address  
Authorization No: N/A  
Expiration Date: N/A
4. Identification of System: Class:3 CHEMICAL AND VOLUME CONTROL SYSTEM2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: E 676281/CPL-HBR2-M-043
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-365A	Grinnell	N/A	N/A	Bonnet	1971	Removed	N
CVC-365A	Grinnell	E-352 L4 (HT)	N/A	Bonnet	1998	Installed	N

7. Description of Work: Replaced bonnet on CVC-365A with spare from stores
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 137092 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/7 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 7 JANUARY, 2003

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 11/9/02  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#:01-00063 EE:N/A  
 Address WR/JO:137358 01 CR:30583  
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System: Class:1 REACTOR VESSEL 1005
5. (a) Applicable Construction Code: ASME III Edition:1967 Addenda:N/A Code Case:2412-1  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
 Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Reactor Vessel	Westinghouse	CPLRCPSPRV 1	NB-20772	Head Penetration #68	1967	Corrected	Y

7. Description of Work: Repaired head penetration #68 (B-10) canopy seal weld with a weld overlay in accordance with Relief Request # 33.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
 Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 137358 and ESR 01-00063 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 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 11/9, 2002

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 VERMONT 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 4/1/00 to 5/10/01 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 [Signature] Commissions NB#8462 (A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 9 Nov., 2002



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B. ROBINSON Unit: 2  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
ESR# N/A EE: N/A  
WR/VO: 147517 CR: 70967  
Repair Organization PO No., Job No., etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: CPL-R2-M-5 Edition: 1995 Edition 1996 Addenda Code Case: N/A  
Design Specification: CPL-R2-M-5
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Oil Cooler End Cover Bonnet	American Standard	N/A	N/A	AFW-PMP-A	1971	Removed	N
Oil Cooler End Cover Bonnet	ITT	N/A	N/A	AFW-PMP-A	1996	Installed	N

7. Description of Work: Replacing end cover bonnet due to excessive corrosion
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

Remarks See WO 147517 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 9/13/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
ESR# N/A EE N/A  
WR/VO 147936 CR N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:3 FEED WATER SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda N/A Code Case: N/A  
Design Specification: CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flange Nuts	Maintenance	N/A	N/A	FE-486	1996	Removed	N
Flange Nuts	Mackson	N/A	N/A	FE-486	2000	Installed	N

7. Description of Work: Replaced 12 flange nuts
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

Remarks. See WO 147936 for turnover package.

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/7 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/8/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY \_\_\_\_\_, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/7/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE: N/A  
 Address WR/VO 147937 CR: N/A  
 Repair Organization PO No; Job No; etc
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class 3 FEED WATER SYSTEM 3050
- 5 (a) Applicable Construction Code, B 31.1 Edition, 1967 Addenda N/A Code Case: N/A  
 Design Specification, CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity, 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flange Nuts	Maintenance	N/A	N/A	FE-496	1988	Removed	N
Flange Nuts	Mackson	N/A	N/A	FE-496	2000	Installed	N

7. Description of Work: Replaced 12 flange nuts
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure N/A psig Test Temp. N/A °F

Remarks See WO 147937 for turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/7 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/8/03 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WRWO: 147938 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
Address
4. Identification of System: Class: 3 FEED WATER SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Flange Nuts	Maintenance	N/A	N/A	FE-476	1993	Removed	N
Flange Nuts	Mackson	N/A	N/A	FE-476	2000	Installed	N

7. Description of Work: Replaced 12 flange nuts
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☒

Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

Remarks See WO 147938 for turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/7 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/8/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature] \_\_\_\_\_  
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date 8 JANUARY \_\_\_\_\_, 2003



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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/4/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/JO: 148025 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: ASME Section VIII Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-203B	Crosby	N68374-00-0002	N/A	N/A	1971	Replaced	Y
CVC-203B	Crosby	N68374-00-0001	N/A	N/A	1971	Replacement	Y

7. Description of Work: Replaced relief valve with spare.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR/JO 148025 01 turnover package

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 3/4/, 2002

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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature] Commissions NB # 8462 (A, N, I) NC # 1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 3/6, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE: N/A  
 Address WR/VO: 148406 06 CR: N/A  
 Repair Organization PO No; Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class: 2 RESIDUAL HEAT REMOVAL SYSTEM 2045
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case N/A  
 Design Specification: E676428
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RHR-PMP-A	Ingersol Dresser	N/A	N/A	Stuffing Box Extension	1971	Removed	N
RHR-PMP-A	Ingersol Dresser	970353-001-1	N/A	Stuffing Box Extension	1997	Installed	N
Studs	Maintenance	N/A	N/A	SA-193 GRB7	1971	Removed	N
Studs	Dubose	N/A	N/A	SA-193 GRB7	1999	Installed	N
Nuts	Maintenance	N/A	N/A	SA-194 GR B7	1971	Removed	N
Nuts	Mackson	N/A	N/A	SA-194 GR B7	2001	Installed	N

7. Description of Work: Replacing stuffing box extension and bolting
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ Pressure [NOP] psig Test Temp [NOT] °F

Remarks: See WO 148406 06 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/7/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/9/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR#: 01-00137 EE: N/A  
WR/VO: 149914 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No : N/A  
Expiration Date: N/A
4. Identification of System: REACTOR COOLANT SYSTEM Class: 1 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: G-678844
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-461-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-567	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-567	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-101	Ebasco	N/A	N/A	Piping	1971	Removed	N
1-RC-2501R-101	Maintenance	N/A	N/A	Piping	2002	Installed	N

7. Description of Work: Replacing valve RC-567 and associated piping
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 149914 and ESR 01-00137 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 12/9, 2002

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 9 DECEMBER, 2002

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/9/02  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 ESR#: 01-00137 EE: N/A  
 WR/VO: 149915 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: G-678844
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-461-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-568	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-568	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-101	Ebasco	N/A	N/A	Piping	1971	Removed	N
1-RC-2501R-101	Maintenance	N/A	N/A	Piping	2002	Installed	N

7. Description of Work: Replacing valve RC-568 and associated piping
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See WO 149915 and ESR 01-00137 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 12/9, 2002

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 9 DECEMBER, 2002



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE: N/A  
Address WR/VO 150926 01 CR: N/A  
Repair Organization PO No, Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No: N/A  
Address Expiration Date: N/A
4. Identification of System: Class:1 CHEMICAL AND VOLUME CONTROL SYSTEM2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Bolt	Westinghouse	N/A	N/A	LCV-460A	1971	Removed	N
Bolt	Mackson	69541 (HT)	N/A	LCV-460A	2000	Installed	N
Nut	Westinghouse	N/A	N/A	LCV-460A	1971	Removed	N
Nut	Mackson	34350PJ (HT)	N/A	LCV-460A	2000	Installed	N

7. Description of Work: Replaced one bolt and one nut on LCV-460A
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ VT-1 Pressure ☐ N/A psig Test Temp. ☐ N/A °F

Remarks See WO 150926 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/6/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY  
NameDate: 12/9/02411 FAYETTEVILLE ST., RALEIGH, NC 27602  
AddressSheet: 1 of 22. Plant H.B ROBINSON  
NameUnit: 23581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
AddressESR#: 01-00137 EE: N/A  
WR/VO: 153353 CR: N/A  
Repair Organization PO No; Job No; etc.3. Work Performed by CAROLINA POWER & LIGHT COMPANY  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
AddressType Code Symbol Stamp: N/A  
Authorization No.: N/A  
Expiration Date: N/A4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 20055. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: G-678844(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-461-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-571	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-571	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-95	Ebasco	N/A	N/A	Piping	1971	Removed	N
1-RC-2501R-95	Maintenance	N/A	N/A	Piping	2002	Installed	N

7. Description of Work: Replacing valve RC-571 and associated piping8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 153353 and ESR 01-00137 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 12/9 \_\_\_\_\_, 2002

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 9 DECEMBER, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B. ROBINSON Unit: 2  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address
- ESR#: N/A EE: N/A  
 WR/WO 157919 01 CR N/A  
 Repair Organization PO No; Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address
- Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda N/A Code Case N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Valve Ball	Neles-Jamesbury	N/A	N/A	FCV-1608B	1989	Removed	N
Valve Ball	Neles-Jamesbury	N/A	N/A	FCV-1608B	2002	Installed	N
Nipples	UNK	N/A	N/A	FCV-1608B	1989	Removed	N
Nipples	McJunkin	N/A	N/A	FCV-1608B	2002	Installed	N
Couplings	Victaulic	N/A	N/A	Couplings	1989	Removed	N
Couplings	Victaulic	N/A	N/A	Couplings	2002	Installed	N

7. Description of Work: Replaced 3" pipe nipples, valve ball and Victaulic couplings
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 157919 01 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER, Date 1/6, 2003  
Owner or Owner's Designee, Title \_\_\_\_\_**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/9/02 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements \_\_\_\_\_Date 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
ESR# N/A EE N/A  
WR/VO 167847 CR N/A  
Repair Organization PO No, Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No : N/A  
Expiration Date: N/A
4. Identification of System: Class 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Section III Edition: 1965 Addenda: 1965 Code Case: N/A  
Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-A-PM-CVR	Westinghouse	93732	N/A	Manway Bolting	1971	Removed	N
SG-A-PM-CVR	Westinghouse	93732	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replaced hot and cold leg manway bolting with spare rotating set
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-1 Pressure N/A psig Test Temp. N/A °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See 167847 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/27/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO 167893 01 CR: N/A  
Repair Organization PO No, Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 3 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: ASME III Edition: Addenda: N/A Code Case: N/A  
Design Specification: E 676428
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Capscrew	Westinghouse	N/A	N/A	BA Pump Casing Bolt	1971	Removed	N
Capscrew	Mackson	N/A	N/A	BA Pump Casing Bolt	1992	Installed	N
Capscrew Nut	Westinghouse	N/A	N/A	BA Pump Casing Nut	1971	Removed	N
Capscrew Nut	Mackson	N/A	N/A	BA Pump Casing Nut	2000	Installed	N

7. Description of Work: Replaced damaged casing bolt and nut
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

Remarks See WO 167893 01 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 4/23/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY, 2003

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/11/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address  
ESR#: 95-00296 EE: N/A  
WR/JO: 168164 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address  
Authorization Nq. N/A  
Expiration Date N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-019  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-277A	Edwards	N/A	N/A	Valve	1998	Replaced	N
CVC-277A	Edwards	N/A	N/A	Valve HT#7HUB	1999	Replacement	N
Piping	Ebasco	N/A	N/A	Piping	1971	Replaced	N
Piping	Dubose	N/A	N/A	Piping HT# 32789	1999	Replacement	N
Piping	Ebasco	N/A	N/A	Piping	1971	Replaced	N
Piping	Dubose	N/A	N/A	Piping HT# L36041	1994	Replacement	N

7. Description of Work: Replacement of valve CVC-277A and piping.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See 168164 01 turnover package

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 8/11, 2002  
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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/13/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB # 8462 (A, N, I) NC # 1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/13/02, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H B ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
 Address
- ESR# 01-00195 EE N/A  
 WR/WO 178052 01 CR N/A  
 Repair Organization PO No, Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class 3 EDG FUEL OIL 5100
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity. 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6 Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
DG-FO-STRG-TNK	Ebasco	N/A	N/A	N/A	1971	Corrected	N
FO-18	Velan	N/A	N/A	Valve	1971	Removed	N
FO-18	Edwards	BM352N (HT)	N/A	Valve	1980	Installed	N

7. Description of Work: Installing new drain valve/line and repairing tank bottom
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See ESR 01-00195 and WO 178052 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/9/02  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H.B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD: HARTSVILLE, SC 29550 ESR#: 01-00137 EE: N/A  
 Address WR/VO: 182069 01 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD: HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: G-678844
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-461-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-569	Target Rock	N/A	N/A	Valve	1994	Removed	N
RC-569	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-102	Ebasco	N/A	N/A	Piping	1971	Removed	N
1-RC-2501R-102	Maintenance	N/A	N/A	Piping	2002	Installed	N

7. Description of Work: Replacing valve RC-569 and associated piping
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 182069 and ESR 01-00137 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 12/9 \_\_\_\_\_, 2002

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_  
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date 9 DECEMBER \_\_\_\_\_, 2002



**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/9/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address  
ESR#: 01-00137 EE: N/A  
WR/WO: 182079 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: G-678844
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-461-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-570	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-570	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-102	Ebasco	N/A	N/A	Piping	1971	Removed	N
1-RC-2501R-102	Maintenance	N/A	N/A	Piping	2002	Installed	N

7. Description of Work: Replacing valve RC-570 and associated piping
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 182079 and ESR 01-00137 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 12/9 \_\_\_\_\_ 2002

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature] \_\_\_\_\_  
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date 9 DECEMBER \_\_\_\_\_ 2002

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 2/28/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/JO: 189018 04 CR:N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A  
Design Specification: CPL-R2-MP-12A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
SWBP A	Worthington	756721	N/A	Rotating Assembly	1971	Replaced	N
SWBP A	Worthington	756721	N/A	Rotating Assembly	1971	Replacement	N

7. Description of Work: Replaced rotating assembly.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See 189018 04 turnover package.

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 2/22, 2002  
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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 11/06/01 to 2/28/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's Signature

Commissions NB# 8462 (A, N, I) NC# 1073  
National Board, State, Province, and Endorsements

Date: 2/28, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner: CAROLINA POWER & LIGHT COMPANY  
NameDate: 1/13/03411 FAYETTEVILLE ST., RALEIGH, NC 27602  
AddressSheet: 1 of 22. Plant: H B ROBINSON  
NameUnit: 23581 WEST Entrance RD; HARTSVILLE, SC 29550  
AddressESR#: 01-00063 EE: 50242  
WR/VO: 192771 CR: N/A  
Repair Organization PO No; Job No; etc.3. Work Performed by CAROLINA POWER & LIGHT COMPANY  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
AddressType Code Symbol Stamp: N/A  
Authorization No.: N/A  
Expiration Date: N/A4. Identification of System: Class:1 REACTOR VESSEL 10055. (a) Applicable Construction Code: ASME Sect III Edition: 1965 Addenda: N/A Code Case: N/A  
Design Specification: EC50242.01-00063(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Reactor Vessel	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 10	1967	Corrected	Y
Reactor Vessel	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 14	1967	Corrected	Y
Reactor Vessel	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 30	1967	Corrected	Y
Reactor Vessel	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 50	1967	Corrected	Y

7. Description of Work: Installed mechanical clamp on head penetration #50 lower canopy seal weld and weld overlay repaired lower canopy seal welds on head penetrations #10, #14 & #30 per Relief Request #188. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐Other [VT-1,2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See 192771 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/13 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/8/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 13 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
ESR# N/A EE N/A  
WR/WO. 199899 01 CR N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No: N/A  
Expiration Date: N/A
4. Identification of System Class 3 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code B 31 1 Edition: 1967 Addenda N/A Code Case N/A  
Design Specification: E 676281  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-342	Grinnel	N/A	N/A	Bonnet	1971	Removed	N
CVC-342	Grinnell	N/A	N/A	Bonnet	1998	Installed	N

7. Description of Work: Replaced valve bonnet
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks. See 199899 01 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 4/23/02 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 ESR#: 47152 EE: N/A  
 WR/WO: 205008 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 3 FEED WATER SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1992 Addenda: N/A Code Case: N/A  
 Design Specification: EC 47152
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
FE-1107A	Caldon	8508	N/A	16-FW-9	2002	Installed	N
FE-1107B	Caldon	8509	N/A	16-FW-10	2002	Installed	N
FE-1107C	Caldon	8510	N/A	16-FW-11	2002	Installed	N

7. Description of Work: Installing ultrasonic flowmeters on A, B and C Feedwater trains by welding
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other VT-2 Pressure NOP psig Test Temp. NOT °F

Remarks: See WO 205008 and EC-47152 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/26/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
ESR#: N/A EE: N/A  
WRWO: 205026 01 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class 3 FEED WATER SYSTEM 3050
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda N/A Code Case N/A  
Design Specification: CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Studs	Unk	N/A	N/A	FW-7C	1992	Removed	N
Studs	Nova	N/A	N/A	FW-7C	2002	Installed	N
Nuts	Unk	N/A	N/A	FW-7C	1992	Removed	N
Nuts	Mackson	N/A	N/A	FW-7C	2002	Installed	N

7. Description of Work: Replaced one stud and four nuts at the body to bonnet connection
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ Pressure N/A psig Test Temp. N/A °F

Remarks: See WO 205026 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title \_\_\_\_\_**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_  
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date 8 JANUARY 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 ESR#: N/A EE: N/A  
 WR/VO: 206924 01 CR: N/A  
 Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No: N/A  
 Expiration Date: N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: HBR2-M-047
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Studs	N/A	N/A	N/A	FE-122	1971	Removed	N
Studs	Nova	N/A	N/A	FE-122	1998	Installed	N
Nuts	N/A	N/A	N/A	FE-122	1971	Removed	N
Nuts	Mackson	N/A	N/A	FE-122	1998	Installed	N

7. Description of Work: Replaced studs and nuts due to inadequate thread engagement
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ Pressure ☐ psig Test Temp. N/A °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 206924 01 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/7/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address  
 ESR# N/A EE N/A  
WR/VO 206987 02 CR N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class 2 CHEMICAL AND VOLUME CONTROL SYSTEM2060
5. (a) Applicable Construction Code: VIII - 1 Edition: 1967 Addenda N/A Code Case N/A  
 Design Specification: CPL-XXXX-M-001
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
VCT Manway	Unk	N/A	N/A	Studs	1993	Removed	N
VCT Manway	Nova	N/A	N/A	Studs	2000	Installed	N
VCT Manway	Unk	N/A	N/A	Nuts	1993	Removed	N
VCT Manway	Mackson	N/A	N/A	Nuts	2000	Installed	N

7. Description of Work: Replaced manway bolting on VOL-CTRL-TNK
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ Pressure N/A psig Test Temp N/A °F

Remarks See WO 206987 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/2/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO: 234465 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address
- Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-019
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-382	Crosby	N/A	N/A	Disc	1971	Removed	N
CVC-382	Crosby	N/A	N/A	Disc	1971	Installed	N

7. Description of Work: Replaced valve disc.
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 234465 01 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 \_\_\_\_\_, 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/6/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_ Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 6 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B. ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/WO: 234536 CR: N/A  
Repair Organization PO No; Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: Class 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-545	Crane	V6-15-2	N/A	Chaeck Valve	2002	Corrected	N

7. Description of Work: Repair fillet weld at disc stop and rebuild valve as a spare
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure N/A psig Test Temp. N/A °F

Remarks See WO 234536 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6, 2003  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/6/03 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 6 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address  
ESR#: N/A EE: N/A  
WR/WO 236875 01 CR: N/A  
Repair Organization PO No, Job No; etc
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No: N/A  
Expiration Date: N/A
4. Identification of System Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-019  
(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Valve Disc	Crosby	N/A	N/A	CVC-203B	1997	Removed	N
Valve Disc	Crosby	N94784-34-6	N/A	CVC-203B	1989	Installed	N
Nozzle Insert	Crosby	N/A	N/A	CVC-203B	1997	Removed	N
Nozzle Insert	Crosby	N94783-33-4	N/A	CVC-203B	1988	Installed	N

7. Description of Work: Replacing Valve Disc and Nozzle Insert
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☒ Pressure 90% Lift Set psig Test Temp. AMBIENT °F

Remarks See WO 236875 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/20/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature] \_\_\_\_\_ Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY 2003

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
 Address WR/VO 236955 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class: 2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: ASME III NF Edition: 1971 Addenda: S/73 Code Case: N/A  
 Design Specification: CAR-SH-M-30
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Snubber #32	PSA	17861	N/A	MS-4-24	1971	Removed	N
Snubber #32	PSA	18969	N/A	MS-4-24	2002	Installed	N

7. Description of Work: Replaced snubber 32 following failed functional test
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-3 Pressure N/A psig Test Temp. N/A °F

Remarks: See 236995 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 \_\_\_\_\_, 2003  
Owner or Owner's Designee, Title \_\_\_\_\_**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 7 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/VO: 239182 CR N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No : N/A  
Address Expiration Date: N/A
4. Identification of System: Class: 1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-875L	Edwards	N/A	N/A	Valve	1993	Removed	N
SI-875L	Edward	JLDC(HT)	N/A	Valve	2001	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1993	Removed	N
Pipe	Consolidated	SW769(HT)	N/A	Pipe	1993	Installed	N

7. Description of Work: Replacing valve and pipe by welding
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

Remarks See WO 239182 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/21/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/11/02  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
 Address
2. Plant H.B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
 Address
- ESR#: N/A EE: 91-146  
 WR/WO: 246161 05 DE: 92-845788  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
 Address  
 Authorization No.: N/A  
 Expiration Date: N/A
4. Identification of System: Class 3 AUXILIARY FEEDWATER SYSTEM 3065
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
AFW-9	Lukenhiemer	N/A	N/A	Check Valve	1971	Removed	N
AFW-9	Lukenhiemer	N/A	N/A	Check Valve	1992	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1971	Removed	N
Pipe	Dubose	N/A	N/A	Pipe	1999	Installed	N
Fittings	Ebasco	N/A	N/A	Fittings	1971	Removed	N
Fittings	Dubose	N/A	N/A	Fittings	2002	Installed	N

7. Description of Work: Replace 2" AFW-9 valve and adjacent piping and fittings
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 246161 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 12/11 \_\_\_\_\_, 2002

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/11/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 11 DECEMBER, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 ESR# N/A EE N/A  
Address WR/WO: 278583 CR N/A  
Repair Organization PO No.; Job No., etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
Address
4. Identification of System: Class: 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Section III Edition: 1965 Addenda: 1965 Code Case: N/A  
Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-B-PM-CVR	Westinghouse	93733	N/A	Manway Bolting	1971	Removed	N
SG-B-PM-CVR	Westinghouse	93733	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replaced hot and cold leg manway bolting with spare rotating set
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-1 Pressure N/A psig Test Temp. N/A °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See 278583 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/27/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE N/A  
Address WR/VO 278584 CR N/A  
Repair Organization PO No, Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp. N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No : N/A  
Address Expiration Date: N/A
4. Identification of System. Class 1 STEAM GENERATOR SYSTEM 3005
5. (a) Applicable Construction Code: ASME Section III Edition: 1965 Addenda: 1965 Code Case: N/A  
Design Specification: 955479
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SG-C-PM-CVR	Westinghouse	93734	N/A	Manway Bolting	1971	Removed	N
SG-C-PM-CVR	Westinghouse	93734	N/A	Manway Bolting	1971	Installed	N

7. Description of Work: Replaced hot and cold leg manway bolting with spare rotating set.
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-1 Pressure N/A psig Test Temp. N/A °F

Remarks See 278584 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6, 2003  
Owner or Owner's Designee, Title \_\_\_\_\_**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/27/02 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H B ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 ESR# N/A EE N/A  
 Address WR/VO 296041 CR N/A  
 Repair Organization PO No, Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class 3 HVAC AUX BLDG 8210
5. (a) Applicable Construction Code: N/A Edition: N/A Addenda: N/A Code Case: N/A  
 Design Specification: CPL-R2-HV2
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Cooling Coil	Porter	N/A	N/A	HVH 8B	1997	Removed	N
Cooling Coil	Marlo	N/A	N/A	HVH-8B	1997	Installed	N
Brass nipple	N/A	N/A	N/A	HVH-8b	1971	Removed	N
Brass Nipple	Marlo	N/A	N/A	HVH-8B	1996	Installed	N

7. Description of Work: Replace cooling coil and nipple
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ Pressure [NOP] psig Test Temp [NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks. See WO 296041 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 \_\_\_\_\_, 2003

Owner or Owner's Designee, Title \_\_\_\_\_

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 9/11/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address
4. Identification of System: Class 1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-019/CPL-HBR2-M-047
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-876E	Edwards	N/A	N/A	Valve	1994	Removed	N
SI-876E	Edwards	JLDD (HT)	N/A	Valve	2002	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1994	Removed	N
Pipe	Sandvik	SW769	N/A	Pipe	1996	Installed	N
Pipe Cap	Ebasco	N/A	N/A	Pipe Cap	1994	Removed	N
Pipe Cap	Dubose	EPO (HT)	N/A	Pipe Cap	2002	Installed	N

7. Description of Work: Replace valve SI-876E, nipple and cap
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other VT-2 Pressure NOP psig Test Temp. NOT °F

Remarks See WO 319052 turnover package.

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/11/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/5/02  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
 Address WR/VO: 327868 01 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: EGR-NGGC-0355
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-513	Swagloc	N/A	N/A	Adapter	1971	Removed	N
RC-513	Swagloc	N/A	N/A	Adapter	2002	Installed	N

7. Description of Work: Replacing 1/2" X 3/8" fitting
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 327868 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 12/5, 2002

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/6/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 6 DECEMBER, 2002

**FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY**

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO 327947 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System. Class 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda N/A Code Case N/A  
Design Specification: G-676241/676398
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case. N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-299K	Edwards	N/A	N/A	Valve	1971	Removed	N
CVC-299K	Edwards	JLDD(HT)	N/A	Valve	2002	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1971	Removed	N
Pipe	Dubose	N/A	N/A	Pipe	1990	Installed	N

7. Description of Work: Replace 3/4" valve & pipe piece
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

Remarks. See WO 327927 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title \_\_\_\_\_

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/21/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/11/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO 327948 01 CR: N/A  
Repair Organization PO No.; Job No.; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: \_\_\_\_\_ Class: 1 CHEMICAL AND VOLUME CONTROL SYSTEM2060
5. (a) Applicable Construction Code: B 31 1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-019/CPL-HBR2-M-047
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-299M	Edwards	N/A	N/A	Valve	1971	Removed	N
CVC-299M	Edwards	JLDD (HT)	N/A	Valve	2002	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1971	Removed	N
Pipe	Sandvik	OA1660 (HT)	N/A	Pipe	1990	Installed	N

7. Description of Work: Replace 3/4" valve & pipe
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

Remarks See WO 327948 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed Robert H. Cline ISI ENGINEER Date 12/11, 2002

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/11/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Charles F. Fiegel Jr.  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 11 DECEMBER, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 -  
Address
- ESR#: N/A EE: N/A  
WR/WO: 329882 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address
- Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 1 REACTOR VESSEL 1005
5. (a) Applicable Construction Code: ASME III Edition: 1965 Addenda: N/A Code Case: N/A  
Design Specification: CPL-HBR2-M-047
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
Code Case: N-416-1

## 6 Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Head Vent	Ebasco	N/A	N/A	3/4-RC-2501R-27	1971	Corrected	N

7. Description of Work: Repair weld at head vent coupling and removed indications from coupling base metal
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ PT/T Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 329882 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER, Date 1/7, 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 7 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/7/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H.B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550  
Address  
ESR# N/A EE N/A  
WR/WO 331503 CR N/A  
Repair Organization PO No; Job No, etc
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550  
Address  
Authorization No : N/A  
Expiration Date: N/A
4. Identification of System: Class 2 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: ASME III NF Edition: 1971 Addenda: S/73 Code Case: N/A  
Design Specification: CAR-SH-M-30
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Snubber #31	PSA	17849	N/A	MS-4-4	1971	Removed	N
Snubber #31	PSA	8322	N/A	MS-4-4	2002	Installed	N

7. Description of Work: Replaced snubber 31 following failed functional test
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-3 Pressure N/A psig Test Temp. N/A °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See 331503 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title \_\_\_\_\_

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 7 JANUARY 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/3/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B. ROBINSON Unit: 2  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 ESR# 50785 EE N/A  
 Address WR/VO 332538 01 CR N/A  
 Repair Organization PO No, Job No, etc
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class: 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
- 5 (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: CPL-HBR2-M-047
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-310H	Ebasco	N/A	N/A	Cap	2002	Corrected	N

7. Description of Work: Seal welded pipe cap
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other VT-2 Pressure NOP psig Test Temp NOT °F

Remarks: See WO 332538 01 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/3 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 01/06/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] \_\_\_\_\_  
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date 6 JANUARY, 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE N/A  
Address WR/VO: 334480 01 CR N/A  
Repair Organization PO No, Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name Authorization No.: N/A  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expiration Date: N/A  
Address
4. Identification of System: Class 2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Cap screws	Ebasco	N/A	N/A	Flange	1971	Removed	N
Cap screws	Nova/Mackson	N/A	N/A	Flange	1994	Installed	N

7. Description of Work: Replaced capscrews on blind flange on line 2-SI-601R-108
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other ☐ Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks See WO 334480 01 turnover package.

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/20/02 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY, 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR# N/A EE N/A  
 Address WR/VO: 334565 01 CR N/A  
 Repair Organization PO No, Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class 1 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code AISC Edition: Addenda N/A Code Case: N/A  
 Design Specification: EGR-NGGC-0355
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity. 1995 Edition 1996 Addenda  
 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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CPL-132/A	Ebasco	N/A	N/A	Support	1971	Removed	N
CPL-132/A	Ebasco	N/A	N/A	Support	2002	Installed	N

7. Description of Work: Replaced clevis clamp and bolting on support CPL-132/A
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

Other VT-3 Pressure N/A psig Test Temp. N/A °F

Remarks: See WO 334565 turnover package

Applicable Manufacturer's Data Reports to be attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title

## CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/27/02 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 [Signature] Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate 8 JANUARY 2003

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/3/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 EC#: EC 50826 EE: N/A  
Address WR/VO: 334846 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No.: N/A  
Address Expiration Date: N/A
4. Identification of System: Class: 1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
N-5	Westinghouse	N/A	N/A	N/A	1971	Removed	N
N-5	Swagelok	N/A	N/A	Cap	2002	Installed	N
N-12	Westinghouse	N/A	N/A	N/A	1971	Removed	N
N-12	Swagelok	N/A	N/A	Cap	2002	Installed	N

7. Description of Work: Capped N-5 and N-12 flux thimbles
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other [VT-2] Pressure [NOP] psig Test Temp. [NOT] °F

Remarks: See WO 334846 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/3 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 1/7/03 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7 JANUARY 2003  
2002 ARC

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
 Address WR/VO: 52706 CR: N/A  
 Repair Organization PO No; Job No, etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class: 1 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
 Design Specification: CPL-HBR2-M-019
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SI-875H	Edwards	N/A	N/A	Valve	1993	Removed	N
SI-875H	Edwards	1BRB (HT)	N/A	Valve	1995	Installed	N
Pipe	Maintenance	N/A	N/A	Pipe	1993	Removed	N
Pipe	Dubose	OA1660 (HT)	N/A	Pipe	1990	Installed	N

7. Description of Work: Replaced valve and pipe with a pre-fabricated assembly from stores
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other VT-2 Pressure [NOP] psig Test Temp. [NOT] °F

Remarks. See WO 52706 turnover package. Pre-fabricated assembly worked per WO 00 AAIY3  
Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

I certify that the statements made in the report are correct and this conforms to the requirements of the ASME Code, Section XI

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 11/22/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date 8 JANUARY 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet: 1 of 2  
 Address
2. Plant H B ROBINSON Unit: 2  
 Name  
3581 WEST Entrance RD, HARTSVILLE, SC 29550 ESR#: 98-00564 EE: N/A  
 Address WR/VO: 54119 CR: N/A  
 Repair Organization PO No; Job No, etc
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
 Name  
3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550 Authorization No.: N/A  
 Address Expiration Date: N/A
4. Identification of System: Class 3 EDG FUEL OIL 5100
5. (a) Applicable Construction Code: B 31.1 Edition: N/A Addenda: N/A Code Case: N/A  
 Design Specification: CPL-HBR2-M-046,047,048
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
 Code Case: N-416-1

## 6 Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
2-FO-58A	Ebasco	N/A	N/A	A EDG Fuel Oil Piping	1971	Removed	N
2-FO-58A	Maintenance	N/A	N/A	A EDG Fuel Oil Piping	2002	Installed	N
2-FO-58B	Ebasco	N/A	N/A	B EDG Fuel Oil Piping	1971	Removed	N
2-FO-58B	Maintenance	N/A	N/A	B EDG Fuel Oil Piping	2002	Installed	N
2-FO-74	Maintenance	N/A	N/A	A EDG Fuel Oil Piping	2002	Removed	N
2-FO-75	Maintenance	N/A	N/A	B EDG Fuel Oil Piping	2002	Installed	N

7. Description of Work: Modifying A & B diesel fuel oil system piping
8. Test Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

Remarks: See ESR 01-00195 and WO 54119 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title \_\_\_\_\_**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 12/4/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date B JANUARY 2003

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/7/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A  
Address WR/JO: 54206 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: AISC Edition: Addenda: N/A Code Case: N/A  
Design Specification: EGR-NGGC-0355  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CPL-328T	Ebasco	N/A	N/A	Support	1971	Repair	N

7. Description of Work: Tightened and staked clevis nuts per HBR2-C-011.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 54206 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 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 3/7, 2002

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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/11/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Inspectors Signature Commissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and Endorsements

Date: 3/11, 2002

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 3/4/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A  
Address WR/JO: 54207 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: AISC Edition: Addenda: N/A Code Case: N/A  
Design Specification: EGR-NGGC-0355  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CPL-218/E	Grinnell	N/A	N/A	Spring Hanger	1971	Repair	N

7. Description of Work: Tightened bolting and installed lock nuts.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
Other [VT-3] Pressure [N/A] psig Test Temp. [AMBIENT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 54207 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 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 3/4, 2002

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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/02 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 [Signature] Commissions NB #8462 (A, N, I) NC #1073  
National Board, State, Province, and EndorsementsDate: 3/6, 2002

## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B.ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR# 99-0216 EE: N/A  
WR/WO 54221 CR N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
222/E	Ebasco	N/A	N/A	Support	1971	Removed	N
222/E	Maintenance	N/A	N/A	Support	2001	Installed	N

7. Description of Work: Clean paint from spherical bearings (VT-3)
8. Test Conducted Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐ Exempt ☐

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

Remarks: See WO 54221 turnover package.

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003  
Owner or Owner's Designee, Title**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 5/9/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A,N,I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY 2003



## FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 1/6/03  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602  
Address
2. Plant H B ROBINSON Unit: 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550  
Address
- ESR#: N/A EE: N/A  
WR/WO: 64280 01 CR: N/A  
Repair Organization PO No.; Job No., etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp: N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550  
Address  
Authorization No.: N/A  
Expiration Date: N/A
4. Identification of System: Class: 3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code B 31.1 Edition 1967 Addenda N/A Code Case N/A  
Design Specification CPL-R2-MP-12
- (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda  
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	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-PMP-D	Johnston	JZ-6436	N/A	Pump	1971	Removed	N
SW-PMP-D	Johnston	GC-2706	N/A	Pump	1971	Installed	N

7. Description of Work: Replacing Service Water Pump D with refurbished spare
8. Test Conducted. Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒ Exempt ☐

Other ☐ VT-2 Pressure ☐ NOP psig Test Temp. ☐ NOT °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 64280 01 turnover package

Applicable Manufacturer's Data Reports to be attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date 1/6 2003

Owner or Owner's Designee, Title

**CERTIFICATE OF INSERVICE INSPECTION**

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/10/01 to 5/14/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature]  
Inspector's SignatureCommissions NB#8462(A.N.I) NC#1073  
National Board, State, Province, and EndorsementsDate: 8 JANUARY 2003

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 2/28/02  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 00-00221 EE: 93-011  
Address WR/JO: 77606 CR:N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class: 2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CHG-PMP-B-DAMP	Ebasco	N/A	N/A	Support	1971	Replaced	N
CHG-PMP-B-DAMP	Mackson	N/A	N/A	Support	2002	Replacement	N

7. Description of Work: Replace mounting plate stud and nut.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 77606 turnover package.

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 3/6, 2002  
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 HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF CONNECTICUT of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 5/01 to 3/02 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions NB#8462(A,N,I) NC#1073  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 3/6, 2002

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 12/7/01  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A  
 Address WR/JO: 54208 01 CR: N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: AISC Edition: Addenda: N/A Code Case: N/A  
 Design Specification: EGR-NGGC-0355  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
 Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CPL-244/E	Ebasco	N/A	N/A	Hanger	1971	Repair	N

7. Description of Work: Tighten nut on hanger.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
 Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 54208 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 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Expiration Date \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date: 12/7, 2001

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 Vermont 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 3/16/01 to 3/16/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 12/13/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 10/31/01  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 00-00038 EE: N/A  
Address WR/JO: 52886 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:3 COMPONENT COOLING WATER SYSTEM 4080
5. (a) Applicable Construction Code: ASME SECT. VIII Edition:1998 Addenda:1999 Code Case:N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CCW-HTX-B	Engineers & Fabricators	1500 B	N/A	Channel Head	1971	Replaced	Y
CCW-HTX-B	EFCO	S25625	3063	Channel Head	2000	Replacement	Y
Channel Head Bolting	Maintenance	N/A	N/A	Bolting	1971	Replaced	N
Channel Head Bolting	Mackson	N/A	N/A	Bolting	2000	Replacement	N

7. Description of Work: Replaced Channel Head and Bolting
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure[49] psig Test Temp.[N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 52886 (00-ABJB1) turnover package.

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Expiration Date \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date: 10/31, 2001  
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 Vermont 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 6/20/01 to 6/20/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 12/13/01, 2001



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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 10/31/01  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-354 EE: N/A  
Address WR/JO: 52885 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:3 SERVICE WATER SYSTEM 4060
5. (a) Applicable Construction Code: B 16.34 Edition: 1981 Addenda: N/A Code Case: N/A  
Design Specification: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
SW-739	Contromatics	N/A	N/A	Valve	1971	Replaced	N
SW-739	Crane	C9466	N/A	Valve	2000	Replacement	N
SW-740	Contromatics	N/A	N/A	Valve	1971	Replaced	N
SW-740	Crane	C9467	N/A	Valve	2000	Replacement	N
Bonnet Bolting	Contromatics	N/A	N/A	Bolting	1971	Replaced	N
Bonnet Bolting	Mackson	N/A	N/A	Bolting	2000	Replacement	N

7. Description of Work: Replaced valves SW-739 and SW-740 and bolting.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure [40] psig Test Temp. [75] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WR 52885 and ESR 99-354 turnover packages.

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 10/31, 2001

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 Vermont and employed by THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period 12/7/00 to 7/24/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A.N.I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 11/15/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 11/1/01  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
 Address WR/JO: 127322 01 CR:N/A  
 Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System: Class:3 MAIN STEAM SYSTEM 3020
5. (a) Applicable Construction Code: N/A Edition:N/A Addenda:N/A Code Case:N/A  
 Design Specification: DRS 200 Rev.2
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
 Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber # 30	Grinnell	30088	N/A	Snubber	1971	Replaced	N
Snubber # 30	Grinnell	34606	N/A	Snubber	2001	Replacement	N
Bolting	Maintenance	N/A	N/A	Bolting	1971	Replaced	N
Bolting	Mackson	N/A	N/A	Bolting	2001	REPLACEMENT	N

7. Description of Work: Replaced snubber # 30 and bolting.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 127322 01 turnover package.

Applicable Manufacturer's Data Reports to be Attached

## CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp \_\_\_\_\_ N/A \_\_\_\_\_

Certificate of Authorization No. \_\_\_\_\_ N/A \_\_\_\_\_

Expiration Date \_\_\_\_\_ N/A \_\_\_\_\_

Signed [Signature] ISI ENGINEER Date: 11/1, 2001  
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 Vermont 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 4/11/01 to 6/27/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 11/15/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 11/1/01  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: N/A EE: N/A  
Address WR/JO: 137487 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:2 CHEMICAL AND VOLUME CONTROL SYSTEM 2060
5. (a) Applicable Construction Code: B 31.1 Edition: 1967 Addenda: N/A Code Case: N/A  
Design Specification: N/A
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N-416-1

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-352	Rockwell Edwards	N/A	N/A	Valve	1971	Replaced	N
CVC-352	Rockwell Edwards	N/A	N/A	Valve	2001	Replacement	N
Piping	Dubose	Ht#L36041	N/A	Piping (TP304)	1994	Replacement	N

7. Description of Work: Replaced valve CVC-352 by welding.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]  
Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 137487 01 turnover package.

Applicable Manufacturer's Data Reports to be Attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 11/1, 2001

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 Vermont 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 4/16/01 to 6/28/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 11/15/01, 2001

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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 11/1/01  
Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
Address
2. Plant H.B.ROBINSON Unit 2  
Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 99-00216 EE: N/A  
Address WR/JO: 142454 01 CR: N/A  
Repair Organization PO No; Job No; etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System: Class:2 SAFETY INJECTION SYSTEM 2080
5. (a) Applicable Construction Code: AISC Edition: Addenda: N/A Code Case: N/A  
Design Specification: N/A  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CPL-247/P-WS	Ebasco	N/A	N/A	SI-6-53	1971	Repair	N

7. Description of Work: Modified support by removing tack weld and removing U-bolt.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
Other [VT-3] Pressure [N/A] psig Test Temp. [N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2Remarks: See WO 142454 01 & 142454 03 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 conforms to the rules of the ASME Code, Section XI.

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 11/1, 2001  
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 Vermont 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 7/14/01 to 7/14/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 11/15/01, 2001



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

As Required by the Provisions of the ASME Code Section XI

1. Owner CAROLINA POWER & LIGHT COMPANY Date: 10/31/01  
 Name  
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Sheet 1 of 2  
 Address
2. Plant H.B.ROBINSON Unit 2  
 Name  
3581 WEST Entrance RD; HARTSVILLE, SC 29550 ESR#: 01-00093 EE: N/A  
 Address WR/JO: 142647 01 CR:N/A  
 Repair Organization PO No;Job No;etc.
3. Work Performed by CAROLINA POWER & LIGHT COMPANY Type Code Symbol Stamp N/A  
 Name  
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Authorization No. N/A  
 Address Expiration Date N/A
4. Identification of System: Class:1 REACTOR COOLANT SYSTEM 2005
5. (a) Applicable Construction Code: AISC Edition: Addenda:N/A Code Case:N/A  
 Design Specification: EGR-NGGC-0355  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements: 1986  
 Code Case: N/A

## 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
3-RC-116	Ebasco	N/A	N/A	CPL-143/L	1971	Replaced	N
3-RC-116	Maintenance	N/A	N/A	CPL-143/L	2001	Replacement	N
3-RC-117	Ebasco	N/A	N/A	CPL-143/M-WS	1971	Replaced	N
3-RC-117	Maintenance	N/A	N/A	CPL-143/M-WS	2001	Replacement	N
3-RC-127	Ebasco	N/A	N/A	CPL-143/S1-WS	1971	Replaced	N
3-RC-127	Maintenance	N/A	N/A	CPL-143/S1-WS	2001	Replacement	N

7. Description of Work: Modified supports 3-RC-117, 3-RC-127 and 3-RC-116.
8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]  
 Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: See WO 142647 01 turnover package. Removed U-bolt only for support 3-RC-116, no VT-3 required.

Applicable Manufacturer's Data Reports to be Attached

**CERTIFICATE OF COMPLIANCE**

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

Type Code Symbol Stamp \_\_\_\_\_ N/A

Certificate of Authorization No. \_\_\_\_\_ N/A

Expiration Date. \_\_\_\_\_ N/A

Signed [Signature] ISI ENGINEER Date: 11/1, 2001  
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 Vermont 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 5/7/01 to 7/18/01 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

[Signature] Commissions VT 745 A,N,I  
Inspector's Signature National Board, State, Province, and Endorsements

Date: 11/15/01, 2001

TAB

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EXAMINATION  
PERCENTAGE  
SUMMARY

## CLASS 1 SUMMARY TABLE

CATEGORY	TOTAL NUMBER OF COMPONENTS	MINIMUM NUMBER REQUIRED	NUMBER COMPLETED	INTERVAL PERCENT COMPLETE	NUMBER SCHEDULED/COMPLETED		
					1 <sup>ST</sup> PERIOD	2 <sup>ND</sup> PERIOD	3 <sup>RD</sup> PERIOD
B-A*	27	27	0	0%	0/0	0/0	27/0
B-B	13	5	0	0%	1/0	2/0	2/0
B-D*	36	23	0	0%	3/0	4/0	16/0
B-F	18	18	0	0%	4/0	4/0	10/0
B-G-1*	347	343	0	0%	48/0	48/0	248/0
B-G-2	50	50	4	8%	18/4	18/0	17/0
B-J	729	183	0	0%	58/0	61/0	64/0
B-K	52	6	0	0%	2/0	2/0	2/0
B-L-1	9	3	0	0%	0/0	0/0	3/0
B-L-2	3	0	0	0%	0/0	0/0	0/0
B-M-2	11	3	0	0%	0/0	0/0	0/0
B-N-1	1	1	0	0%	0/0	0/0	1/0
B-N-2	1	1	0	0%	0/0	0/0	1/0
B-N-3	1	1	0	0%	0/0	0/0	1/0
B-O	24	3	0	0%	1/0	1/0	1/0
B-P	1	1	1	33%	1/1	1/0	1/0
B-Q	3	TECH SPEC	N/A	N/A	N/A	N/A	N/A

\* DEFFERRAL PERMISSIBLE

## CLASS 2 SUMMARY TABLE

CATEGORY	TOTAL NUMBER OF COMPONENTS	MINIMUM NUMBER REQUIRED	INTERVAL NUMBER COMPLETED	INTERVAL PERCENT COMPLETE	# SCHEDULED/COMPLETED		
					1 <sup>ST</sup> PERIOD	2 <sup>ND</sup> PERIOD	3 <sup>RD</sup> PERIOD
C-A	27	9	0	0%	3/0	3/0	3/0
C-B	26	10	0	0%	8/0	6/0	8/0
C-C	145	9	1	11%	3/1	3/0	3/0
C-D	1	1	0	0%	0/0	1/0	0/0
C-F-1	366	66	11	16%	25/11	24/0	28/0
C-F-2	110	28	4	14%	12/4	9/0	11/0
C-G	4	2	0	0%	0/0	0/0	2/0
C-H	9	9	0	0%	9/0	9/0	9/0