

Serial: RNP-RA/03-0018

FEB 1 1 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,

C. T. Baucon

Supervisor - Licensing/Regulatory Programs

CAC/cac

Attachment

c: Resident Inspector, HBRSEPC. Patel, NRC, NRRL. A. Reyes, NRC, Region II

Progress Energy Carolinas, Inc. 3581 West Entrance Road Hartsville, SC 29550 A047

United States Nuclear Regulatory Commission Attachment to Serial RNP-RA/03-0018

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

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

		Manufacturer		
Component or	Manufacturer or	or Installer	State or	National
Appurtenance	Installer	Serial No.	Province No.	Board No.
	Combustion			
Reactor Vessel Head	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 SECTION XI - DIVISION 1 1995 Edition, 1996 Addenda

FORM NIS-1 (Back)

8.	Examination Dates: 6/1/02 to 11/13/02	
9.	Inspection Interval from: 2/19/02 to 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 wo required for current interval.	ork
	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	<u>.</u>
	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 Inspector's Signature Occupants National Board, State, Province, and Endorsement	
- 1	Date: <u>16 January</u> , 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 Scientech 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).
- 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
 - <u>Line #</u> 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.
 - <u>Code Item Number</u> 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.
 - <u>Code Cases</u> Applicable Code Cases utilized in conjunction with the examination or test
 - <u>Calibration Block</u> 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.
 - <u>CRV/CRA Coverage</u> The percent Code required volume (CRV) or Code required area (CRA) covered during the examination.

 <u>Percentage Completion Requirements</u> – 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>	EXAMINATION ACTIVITY
Α	EDDY CURRENT SUMMARY
В	INSERVICE EXAMINATION SUMMARY
С	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 Point¹ 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	%	Location	Reason
İ		Type	Depth		
Α	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
Α	R37C51	Wear	37	HTS + 0.03	Transient Loose Part (No part present) Preventatively Plug
Α	R4C39	Wear	37	03C0.88	Mechanical wear (No loose part present) Preventatively Plug
В	R1C27	Wear	41	CTS + 16.33	Suspect, Maintenance equipment - Preventatively Plug
В	R34C43	Wear	20	HTS + 0.02	Wear due to loose part with part still present. Preventatively Plug and stake
В	R24C65	Wear/DSI	30	02H+0.36	Wear due to loose part (No part present) Preventatively Plug
С	R45C41	Wear	50	06H0.98	Wear due to loose part. (No loose part present) Plug Tube

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

105/CL-MNY-BLT 5379-1971 Sht. 1		COLD LEG	MANWAY BOLTING		95 Code 96 Addenda	NDEP-611 Rev. 14 A - NO INDICATIONS
		1	N/A	N/A	VIS	
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 LE		HOT LEG M	ANWAY BOLTING		95 Code 96 Addenda	da NDEP-611 Rev. 14	
5379-1971	I Sht. 1	1	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 5379-1082 Sht. 4		VALVE SI-8	75A BOLTING		95 Code 96 Addenda	NDEP-611 Rev. 14
		1	10"	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-8	75E BOLTING		95 Code 96 Addenda	NDEP-611 Rev. 14
5379-108	2 Sht. 4	1	10"	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

118/RC-551A(B) 5379-1971 Sht 2		VALVE RC-	551A BOLTING		95 Code 96 Addenda	NDEP-611 Rev. 14
		1	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 P & ID		Description	Description			Procedure
			Code Class	Diameter	Cal Std 1	Exam Method Exam Type % CRA	Exam Results Exam Date Data Package
	System System# Categ	Category	Pipe Sch				
	Line #		Item #	Item# Nom "t" C	Code Case/Relief Request		
	Comments						

122/CVC-312A(B) 5379-1971 Sht 1		VALVE CVC	-312A(B) BOLTING	i	95 Code 96 Addenda	NDEP-611 Rev. 14
		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-46	125/LCV-460A(B) VALVE LCV-46		-460A(B) BOLTING		95 Code 96 Addenda	NDEP-611 Rev. 14
5379-685 S	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	Description			Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	integral Attach J"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 SU	IPPORT		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

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						

204/*WS1-	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	Description			Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach J"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 RI		RHR HTX "A	N" 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/0 250"	N/A	VT-3	9/10/02
N/A		F1.40	N/A	N/A	100%	02-010

WELDS	Componen	Component ID		Description			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						

212/23BC PI		PIPE TO 8"	BRANCH CONNECT	ION	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	VELDS Component ID		Description			Exam Required	Procedure
	P & ID		Code Class	Dlameter	Cal Std 1	Exam Method	Exam Results
	System	System System # Category Pipe Sch Cal Std 2 Exam Type	Exam Type	Exam Date			
	Line #		Item #	Nom "t"	Code Case/Relief Request	% CRA/CRV	Data Package
	Comments						

212/24 G-190196 Sht 1		BRANCH CO	ONNECTION TO VA	LVE RV1	95 Code 96 Addenda	83A6111 Rev. 2 A - NO INDICATIONS
		2	8"	N/A	SUR	
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 C	ONNECTION TO VA	LVE 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 CONNECT	ION	. 95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1		2	8"	N/A SUR A – NO INDIC	N/A SUR A – NO INDICATI	A - NO INDICATIONS
MS	S 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 CO	ONNECTION TO VA	LVE SV1	95 Code 96 Addenda	83A6111 Rev. 2
G-190196 Sht. 1		2	8"	N/A	SUR	A - NO INDICATIONS
MS	S 3020		160	N/A	MT	10/21/02
26-MS-1		C5.51	0.906"	N/A	100%	02-011

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

WELDS	Componen	t 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							

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			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	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	Description			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	RHR 2045		YES/.7500"	N/A	VT-3	8/01/02
10-AC-1	10-AC-1		В	N/A	100%	02-016
					•	

Zone CPL-221B

221B/A		CLOSED B	OX 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	RHR 2045 F-A		N/A	N/A	VT-3	7/15/02
10-AC-2		F1.20	В	N/A	100%	02-017

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

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	Componen	Component ID		Description			Procedure
	P & ID		Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System	System #	Category	Integral Attach J"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 S	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	В	N/A	•	100%	02-020

5379-1082 Sht. 2 2 SI-20-6086 N/A VIS A - NO INDICATION SI 2080 F-A N/A N/A VT-3 9/11/02	NDEP-613 Rev. 17
	IS
1.000	
6-SI-88 F1.20 A N/A 100% 02-021	

233/B	233/B CLOSED BOX RESTRAINT				95 Code 96 Addenda NDEP-613 Rev. 17	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	В	N/A	100%	02-021	

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

233/D-WS WELDED		BOX RESTRAINT		95 Code 96 Addenda	NDEP-613 Rev. 17	
5379-108	2 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	В	N/A	100%	02-021

233/P STRUT RESTR			STRAINT		95 Code 96 Addenda	NDEP-613 Rev. 17
5379-108	2 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	В	N/A	100%	02-021

Zone CPL-234

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

WELDS	Componen	Component ID		Description			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	, , ,					

239/05		VALVE TO 4	VALVE TO 4" X 4" X 3" REDUCING TEE			da 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	1" X 4" X 3" REDUCII	NG 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	Pescription			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						

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

239/06	239/06 4" X 4" X 3"		REDUCING TEE TO	PIPE	95 Code 96 Addenda	NDEP-425 Rev. 4 A – NO INDICATIONS
5379-1082 Sht. 2		2	4"	CPL-70	VOL	
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	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 5379-1082 Sht 1 2		PIPE TO FL	ANGE FE-940	*	95 Code 96 Addenda	NDEP-425 Rev. 4 A - NO INDICATIONS
		2 4"	4"	CPL-70	VOL	
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 FLAN 5379-1082 Sht. 1 2		FLANGE FE	-940 TO PIPE		95 Code 96 Addenda SUR	NDEP-201 Rev. 24 App B, Att B A – NO INDICATIONS 7/24/02
		2	4"	N/A		
SI	2080	C-F-1 80 N		N/A	PT	
4-SI-109		C5 21	0 337"		100%	02-023

239/08 FLANGE FE-940 TO PIPE			-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	239/18 PIPE TO ELBOW			95 Code 96 Addenda	nda 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
0 0. 1.			1 0.000	1		

WELDS	Component ID		Description			Exam Required	Procedure
	P & ID	110.20	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						

239/18	239/18 PIPE TO		BOW		95 Code 96 Addenda	NDEP-425 Rev. 4 A – NO INDICATIONS
5379-1082 Sht. 1		2	3"	CPL-71	VOL	
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	39/19 ELBOW TO PIPE				95 Code 96 Addenda NDEP-201 Rev. 24 App B,	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 P & ID		Description	Description			Procedure
			Code Class	Support Sketch	Cold Set	Exam Method	Exam Results
	System System# Category Integral Attach. J"t" Hot Set Ex	Exam Type	Exam Date				
	Line #		Item #	Component Type	Code Case/Relief Request	% CRA	Data Package
	Comments						

Zone CPL-239

239/A		ROD HANGE	ROD HANGER			NDEP-613 Rev. 17
5379-1082 Sht. 1		2	HBR2-10618, SHT 105F	N/A	VIS	C - RECORDABLE INDICATIONS
SI	SI 2080		YES/.6250"	N/A	VT-3	8/5/02
4-SI-110		F1.20	Α	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	Componen	t 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						

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

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

241/H-WS	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	С	N/A	100%	02-025

WELDS	Componen	t 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"	n "t" Code Case/Relief Request	% CRV/CRA	Data Package
	Comments						

244/02	244/02 VALVE SI-8		68B TO PIPE		95 Code 96 Addenda	NDEP-201 Rev. 24 App B, Att. B A - NO INDICATIONS
5379-1082 Sht. 1		2	2	N/A	SUR	
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							

144/A-FL	YWHEEL	RCP "A" FLYWH	IEEL		Augmented	83A6061 Rev. 1
5379-1971 Sht 1		1	1 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-FL\	144/B-FLYWHEEL RCP "B" F		IEEL		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-FLY	4/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-FLY	44/C-FLYWHEEL RCP "C" FLYWHEEL		łEEL		Augmented	54-ISI-271-00
5379-1971	1 Sht. 1	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

215/79-13	215/79-13-A S/G "A" F		ATER 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	S 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						

216/79-13	16/79-13-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	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
-W	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	31/30 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

232/16	232/16 ELBOW TO PIPE		E	Au		NDEP-419 Rev. 5 A - NO INDICATIONS
5379-1082 Sht 3		2	6" CPL-66		VOL	
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	Description			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				-		

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	9/17/02	*EST-091	SATISFACTORY
	Containment Spray Suction			
	Piping			
FW	Steam Generator Secondary	10/12/02	EST-128	SATISFACTORY
	Side Inside Containment			
SI	Safety Injection Accumulators	10/12/02	*EST-129	SATISFACTORY
	Inside Containment			
SW	Service Water Inside	10/12/02	EST-081	SATISFACTORY
	Containment			
CCW	Component Cooling Water	10/12/02	EST-076	SATISFACTORY
	System Inside Containment			
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.	
Additional Fo	orms from Previous Sur	nmary Report P	eriod	
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 PO	WER & LIGHT O	COMPANY		Date: _		3/18/02	<u> </u>	
	Name									
		411 FAYETTEVILI	LE ST., RALEIO	GH, NC 2760	2	Sheet	1	_ of	2	
2.	Plant	н.в.ј	ROBINSONName			Unit		2	,	
3581	WEST E	Entrance RD; HA	RTSVILLE, SC.	29550		MD /.TO	: N/A : 11305 rganiza	52 01 tion PO N	EE: N/ CR:N/F o;Job I	4
3.	Work P	Performed by CA	ROLINA POWER &	LIGHT COM				ol Stamp		
	3581	WEST ENTRANCE A	RD; HARTSVIL ddress	LE, SC 2955	50	Expirati	ion Date	e	N	/ A
4.	Identi	ification of Sy	stem: <u>Class</u>	:2 CHEMICA	AL AND VOLU	ME CONT	ROL SYS	TEM	206	0
5.		Applicable Cons		. M/A Editi		lenda:N/	A Code	Case:N/A		
	(b) A	oplicable Editi	on of Section	XI Utilize	ed for Repa	airs or	Replace Code	ments: 1 Case: N	986 /A	
6. `	Ident	ification of Co	mponents Repa	ired or Re	placed and	Replace	ment Co	mponents		
Name of Compone	£	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	ì	Year Built	Repaired Replaced or Replacem	:	ASME Code Stamp (Yes or No)
ł					, 42 EN,					
CHG-PI	MP-A	Union Pump	274158	N/A	Cylinder Extension		971	Replace		N
CHG-P	MP-A	Union Pump	274158	N/A	Cylinder Extension		.977	Replace	ment	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	 o£	_2	
			the second

Remarks: 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 StampN/A
Certificate of Authorization No
Expiration Date.
Signed Loue H 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 CAROUNA 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 5/0/ 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
Commissions NB# 8462 (ANI) NC# 1073 Inspector Signature National Board, State, Province, and Endorsements
Date: 3/19 2002

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

As Required by the Provisions of the ASME Code Section XI

Address Plant	. Ov	wner	CAROLINA PO	WER & LIGHT C	Date:	Date: 1/7/03			
Name 3581 WEST Entrance RD, HARTSVILLE, SC 29550 Address Work Performed by CAROLINA POWER & LIGHT COMPANY Name Authorization No: N/A 3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550 Address Identification of System: Class:2 STEAM GENERATOR SYSTEM Applicable Construction Code: ASME III NF Design Specification: 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 Identification of Components Repaired or Replaced and Replacement Components Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Manufacturer Senal No NAME Code Code Code Code Code Code Code Code	<u>41</u>	I1 FAYI		Name ALEIGH, NC 276	02	Sheet·	_1	of	2
Work Performed by CAROLINA POWER & LIGHT COMPANY Name	Pl	lant		1					
Name Authorization No : N/A N/A Snubber #12 1971 Removed Name N/A N/	<u>35</u>	581 WE		HARTSVILLE, SC	29550	WR/WO 1	36717	CR·N/A	
(a) Applicable Construction Code: ASME III NF Edition: 1971 Addenda: S/73 Code Case: 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 Identification of Components Repaired or Replaced and Replacement Components Asme of Manufacturer Senal No National Board No Identification Built Removed, or Installed Stamp (Yes or No) Author Holth/Munroe N/A N/A Snubber #12 1971 Removed N			ST ENTRANCE R	Name		Authorizat	ion No :	N/A	
Identification of Components Repaired or Replaced and Replacement Components Inne of Manufacturer Senal No National Board No Other Identification Part Notated Stamp (Yes or No) Notated Holth/Munroe N/A N/A Snubber #12 1971 Removed N		(a) Applicable Construction Code: ASME III NF Edition: 1971 Addenda: S/73 Code Case:							
me of mponent Name of Manufacturer Senal No National Board No Other Identification Year Built Corrected, Removed, or Installed Stamp (Yes or No) Tut Holth/Munroe N/A N/A Snubber #12 1971 Removed N	(1	b) Apr	licable Edition of S	Section XI Used f				996 Addenda se: <u>N/A</u>	
Manufacturer Name of Manufacturer Senal No	Id	<u>lentifica</u>	tion of Component	ts Repaired or Re	placed and R	eplacement Compone	ents		 _
Nut Holliviumoe N/A N/A Shubber #12 1511 Hollicos N	ame of omponent							Removed, or	Code Stamp (Yes or
Nut N/A N/A N/A Snubber #12 2002 Installed N	Vist		Holth/Munroe	N/A	N/A	Snubber #12	1971	Removed	N
		 -		AL/A	NI/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



FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A
Certificate of Authorization No.
Signed - Low H Clar ISI ENGINEER Date 16
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. Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date: 7 TANUARY , 2003





As Required by the Provisions of the ASME Code Section XI

-									
1.	Owner CAROLINA POWER & LIGHT COMPANY Name						1/6/03		
	411 F	AYETTEVILLE ST., I Address	RALEIGH, NC 276	602	Sheet:	1	of	2	
2.	Plant	H B ROBINSC	N		Unit		2		
	<u>3581</u>	WEST Entrance RD, Address		29550	ESR#:N/A WR/WO Re	137015	EE·N/A CR N/A tion PO No;Job No		
3.		Performed by <u>CARC</u> WEST ENTRANCE Address	Name RD; HARTSVILLE		Authoriza	le Symbol Station No : n Date	M/A N/A N/A		
4.	Identi	fication of System:	Cla	ss:3 🗼	SERVICE	WATER SYS	STEM	4060_	
5.	(a) Applicable Construction Code: <u>B 31.1</u> Edition: <u>1967</u> Addenda: <u>N/A</u> Code Case <u>N/A</u> (b) Applicable Edition of Section XI Used for Repair/Replacement Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N/A</u>								
6. [,]	Identi	fication of Componer	nts Repaired or Re	placed and Re	placement Compon	ents			
Name of Compone	nt	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	5	Crane	N/A	N/A 1	Check Valve	1971	Removed	N	
SW-545	5	Crane	V6-15-2	N/A	Check Valve	2002	Installed	N	
					,	,			
		1		1	1		ŀ	1	

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

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





FORM NIS-2 (Back)

Sheet 2 of 2.



Sheet 2 of 2
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
Coddingto of the Coddington
Certificate of Authorization No N/A
Signed ISI ENGINEER Date
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 1121/02 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.
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.

=			As Required by the	ne Piovisions (OF THE ASIVE CODE	Occion XI		
1.	Owner	CAROLINA PC	WER & LIGHT C	OMPANY	Date		1/8/03	
	411 FA	YETTEVILLE ST., F Address	RALEIGH, NC 276	602	Sheet:_	1	of	2
2	Plant _	H B.ROBINSO Name	N			_	2 EE·N/A	
	<u>3581 W</u>	/EST Entrance RD: Address	HARTSVILLE, SC	29550	WRW	D:137067		
3.		erformed by <u>CARO</u> VEST ENTRANCE F Address	Name		Authori	ode Symbol Str zation No.: on Date:	amp: N/A N/A N/A	
4. 5.	(a) A	cation of System:	tion Code: B31.1	Edition:_ Design Spe	1967 Adde ecification: N/A	enda <u>:N/A</u>	Code Case:N/A	<u> (STEM206</u>
6.		pplicable Edition of cation of Componer			:	Code Ca	996 Addenda se: <u>N-416</u>	
Name of Compon		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Seal C	ар	N/A	N/A	N/A	CVC-312A	1995	Removed	N
Seal C	ар	Astro Nuclear Dynamics	1238-1	N/A	CVC-312A	2002	Installed	N
				4	-	<u>:</u>		
								

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

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





FORM NIS-2 (Back)

Remarks: <u>See WO 137067 turnover package</u> 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 StampN/A
Certificate of Authorization No. N/A
Signed 1 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. Commissions NB#8462(A,N,I) NC#1073 Inspector's Signeture 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

			o 110 quii o 2 10 j 1110					السينس
1.	Owner	CAROLINA POW		MPANY	Date:		1/7/03	
	<u>411 FAY</u>	ETTEVILLE ST., RA Address	Name <u>LEIGH, NC 2760</u> 2	2	Sheet:	_1	of2	
2.	Plant	H B.ROBINSON Name		 			,*	
	3581 W	EST Entrance RD; H Address	ARTSVILLE, SC 2	29550	WR/WO:13	7092	CR:N/A ion PO No;Job No;el	
3.		erformed by <u>CAROLI</u> EST ENTRANCE RI	Name		Authorization	Symbol Star on No : Date:	N/A	
	3581 W	Address	J, HANTSVILLE, C	30 23330	шфии			
4.	Identific	ation of System:	Class	:3			ME CONTROL SYS	TEM2060
5.	(a) A	pplicable Construction	on Code: B 31 1	Edition <u>: 1</u> Design Spe		: <u>N/A</u> 1/CPL-HBR2	Code Case <u>:N/A</u> 2-M-043	
	(b) Ap	oplicable Edition of S	ection XI Used for	r Repair/Repla	cement Activity: 199	5 Edition 199 Code Cas	96 Addenda e: N/A	
6.	Identific	ation of Components	s Repaired or Rep	laced and Rep	olacement Compone	nts		
Name of Compone		Name of Manufacturer	Manufacturer Senal No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)

Name of Component	Name of Manufacturer	Manufacturer Senal 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	Bønnet	1971	Removed	N
CVC-365A	Grinnell	E-352 L4 (HT)	N/A	Bonnet	1998	Installed	N
-			 			_	
	-						
			+				
l l	1					<u></u>	

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

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



FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: 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
Certificate of Authorization NoN/A
Signed ISI ENGINEER Date
Owner or Owner's Designee, Title :
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of 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. Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements
Date: 7 JANUARY , 2003



02-018

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

			- ,	-	-	_			
1. (Owner		OWER & LIGHT (Date:11/9/02					
		411 FAYETTEVILI	LE ST., RALEIO	GH, NC 2760)2	Sheet	1	of2	
2.	Plant	н.в.1	ROBINSON			Unit_		2	
	_3581	WEST Entrance	<u>RD; HARTSVIL</u> lress	LE, SC 295	50	WID.	R#:01-000 /JO:137358 Organiza	063 EE:N/A 3 01 CR:3058 tion PO No;Job	No;etc.
3. 1	Work E	Performed by <u>CA</u>	ROLINA POWER Name	Type Code Symbol StampN/AAuthorization NoN/A					
	3581	L WEST ENTRANCE	RD; HARTSVIL	LE, SC 295	50			e	
	(a) 1	ification of Sy Applicable Cons	stem: Class	: ASME III Desig	Edition:1	1967 Ad ation:	r Replace		112-1
6.	Ident:	ification of Co	mponents Repa	ired or Re	placed and	l Repla	cement Co	mponents	
Name of Componer	_	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identific		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Reactor Vessel		Westinghouse	CPLRCPPSRV 1	NB- 20772	Head Penetrat #68	ion	1967	Corrected	Y
					<u></u>				
7.	Descr over]	ription of Work lay in accordan	:_Repaired he	ad penetra f Request	tion #68 (#_33	B-10}	canopy se	al weld with	a weld
8.	Test	Conducted: F	Hydrostatic	[-] Pneur	matic [-]	Nomi	nal Oper	rating Press	sure [X]
	Othe	r [VT-2]	Pressure[N	NOP] psig	Test T	remp.[NOT] °F	\	,

FORM NIS-2 (Back)

Sheet	2	of	2.
			(1 mg

Remarks: See WO 137358 and ESR 01-00063 turnover package

Applicable Manufacturer's Data Reports to be Attached

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	
Type Code Symbol Stamp	CERTIFICATE OF COMPLIANCE
Certificate of Authorization No	We certify that the statements made in the report are correct and this Repair conforms to the
Expiration Date N/A	rules of the ASME Code, Section XI.
Expiration Date N/A	Type Code Symbol StampN/A
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 to 5 100 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.	Certificate of Authorization NoN/A
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	Expiration Date N/A
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	Signed ISI ENGINEER Date: 11/9, 2002
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	Owner or Owner's Designee, Title
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of	
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 to 5 1001 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.	CERTIFICATE OF INSERVICE INSPECTION
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 to 5 1001 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.	
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT have inspected the components described in this Owner's Report during the period to	I, the undersigned, holding a valid commission issued by the National Board of Boiler and
have inspected the components described in this Owner's Report during the period 41100 to 51001 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.	Pressure Vessel Inspectors and the State or Province of <u>VERMONT</u> and employed by
do 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.	THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
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.	
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.	4 1 00 to 5 10 01 and state that to the best of my knowledge and
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.	belief, the Owner has performed examinations and taken corrective measures described in
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.	this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
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.	
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.	By signing this certificate neither the Inspector or his employer makes any warranty,
manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	expressed or implied, concerning the examinations and corrective measures described in this
connected with this inspection.	Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any
J/11100	manner for any personal injury or property damage or a loss of any kind arising from or
Inspector Signature Commissions NB#8462 (A,N,I) NC#1073 National Board, State, Province, and Endorsements	connected with this inspection.
Inspector Signature Commissions NB#8462 (A,N,I) NC#1073 National Board, State, Province, and Endorsements Date: 2002	Solar of to a D
Pate: 9 Nov. 2002	Inspector Signature Commissions NB#8462 (A,N,I) NC#1073 National Board, State, Province, and Endorsements
2000. <u>1 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>	Date: 9 Nov. , 2002

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

As Required by the Provisions of the ASME Code Section XI

	Owner	CAROLINA PO	WER & LIGHT CO	<u>OMPANY</u>	Date:		1/6/03	
	411 FA`	/ETTEVILLE ST , R Address	•	02	Sheet:	1	of	2
	Plant _	H B.ROBINSON	<u> </u>	 		•	2	
*					ESR#·N	<u>/A</u>	EE:N/A	
	3581 W	EST Entrance RD; I	<u>HARTSVILLE, SC</u>	<u>29550</u>			CR:7096	
		Address			F	tepair Organiza	ition PO No,Job No	,etc.
	Work P	erformed by CAROL	INA POWER & I	IGHT COMPA	ANY Type Co	de Symbol St	amp:N/A	
	WOIKI	enormed by <u>OANOL</u>	Name	ICHT COMIT	Authoriz	ation No.:	N/A	
	3581 W	EST ENTRANCE R		Expiration	Expiration Date: N/A			
		Address				•		
	Identific	ation of System:	Clas	s:3	AUXILIA	RY FEEDWAT	ER SYSTEM	3065_
		pplicable Constructi		Design Sp	Edition: <u>CPL-I</u> ecification: <u>CPL-I</u> lacement Activity: 1	32-M-5 995 Edition 19	996 Addenda	e Case <u>:</u>
	,,	- F		• •		Code Ca	se: <u>N/A</u>	
	Identific	ation of Componen	ts Repaired or Re	placed and R	eplacement Compo	nents		
·		Name of	Manufacturer	National	Other	Year	Corrected.	
ame of omponen	nt	Manufacturer	Senal No	Board No	Identification	Built -	Removed, or Installed	ASME Code Stamp (Yes or No)
mponen	er End		Senal No	Board No		Built - 1971		Code Stamp (Yes or

- 7. Description of Work: Replacing end cover bonnet due to excessive corrosion
- 8 Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

Sheet 2 of 2



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 StampN/A								
Certificate of Authorization No N/A								
Signed 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_ofHARTFORD, 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								
11.041.00								
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements								
Inspector's Signature National Board, State, Province, and Endorsements Date B JANUARY , 2003								
Date B 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 PO	WER & LIGHT C Name	<u>OMPANY</u>		Date:		1/7/03	
	411 FA	YETTEVILLE ST., F Address	RALEIGH, NC 270	502		Sheet:	1	of	22
2.	Plant _	H.B.ROBINSO Name	N				4	2	
		Haino				ESR#·N/A WR/WO·147936		EE·N/	۸
	3581 W	/EST Entrance RD;	HARTSVILLE, S	C 29550	•	WR/WO·1	47936	CR·N/	Α
		Address	ž.			Rep	oair Organiza	tion PO No;Job N	lo;etc.
3.	Work F	Parformed by CARO	I INA POWER & I	LIGHT COMP	ΔΝΥ	Type Code	Symbol St	amp:N/	Δ.
'•	WORK	enomica by <u>oznio</u>		POWER & LIGHT COMPANY Name			on No.:	N/A	
	3581 W	EST ENTRANCE F	RD; HARTSVILLE	SC 29550		Expiration	Date:	N/	٩
		Address							
1.	Identific	cation of System:	Cla	ss:3	1	FEED WAT	ER SYSTE	м	3050
i.	(a) A	pplicable Construct	ion Code <u>B31</u>	<u>t</u> Edition <u>:</u> Design Sp		Addenda	a <u>N/A</u> XX-M-001	Code Case <u>:N/</u>	<u>4</u>
	(b) A								
5.	Identific	pplicable Edition of cation of cation of Componer	Section XI Used to			±	Code Ca	996 Addenda se: <u>N/A</u>	-
ame of ompone		•				ent Compone	Code Ca	P96 Addenda se: N/A Corrected, Removed, or Installed	ASME Code Stamp (Yes o
ame of	nt	cation of Componer	its Repaired or Re	eplaced and Ro	eplaceme Other	ent Compone	Code Ca	Se: N/A Corrected, Removed, or	Code Stamp (Yes o
ame of ompone	nt Nuts	cation of Componer Name of Manufacturer	Manufacturer Senal No	Pplaced and R National Board No	eplaceme Other Identific	ent Compone cation	Code Ca	Se: N/A Corrected, Removed, or Installed	Code Stamp (Yes o No)
ame of ompone	nt Nuts	Name of Manufacturer - Maintenance	Manufacturer Senal No	National Board No	Other Identific	ent Compone cation	Code Ca	Corrected, Removed, or Installed	Code Stamp (Yes o No)
ame of ompone	nt Nuts	Name of Manufacturer - Maintenance	Manufacturer Senal No	National Board No	Other Identific	ent Compone cation	Code Ca	Corrected, Removed, or Installed	Code Stamp (Yes o No)

- 7. Description of Work: Replaced 12 flange nuts
- 8. Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

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



FORM NIS-2 (Back)

Sheet 2 of 2

Remarks. <u>See WO 147936 for turnover package</u>
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 StampN/A								
Certificate of Authorization No N/A								
Signed 1 Le 1 Le 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 $\frac{5/10/01}{}$ to $\frac{1/8/03}{}$ 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								
Commissions NB#8462(A,N,I) NC#1073 (pispector's Signature National Board, State, Province, and Endorsements Date								



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

As Required by the Provisions of the ASME Code Section XI

			-							
1.	Owner	CAROLINA PO	WER & LIGHT CO	OMPANY		Date		1/7/03		
	411 FA	YETTEVILLE ST., R Address	ALEIGH, NC 276	02		Sheet	1	of2		
2.	Plant _	H B ROBINSOI Name	٧							
-	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address					ESR# N/A EE:N/A WR/WO 147937 CR:N/A Repair Organization PO No;Job No;etc				
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address					Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A				
4.	Identific	cation of System:	Clas	ss:3		FEED WATI	ER SYSTEM		3050	
5 6.	(b) A	applicable Constructi pplicable Edition of Section of Component	Section XI Used fo	Design Spo or Repair/Repl	ecification acement	n. <u>CPL-XX</u> Activity. <u>199</u>	Code Cas	Code Case <u>:N/A</u> 96 Addenda e: N/A	`	
Name of Compone	ent	Name of Manufacturer	Manufacturer Senal No	National Board No.	Other Identific	eation	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)	
Flange	Nuts	Maintenance	N/A	N/A	FE-49	6	1988	Removed	N	
Flange	Nuts	Mackson	N/A	N/A	FE-49	6	2000	Installed	N	
			`	-			,	, , , , , , , , , , , , , , , , , , , ,		
							-,			

- 7. Description of Work: Replaced 12 flange nuts
- 8. Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

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



FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A								
Certificate of Authorization NoN/A								
Signed 1 Le ISI ENGINEER Date 17 .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_ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's								
Report during the period $5/10/01$ to $1/B/03$ 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 of a loss of any kind arising from or connected with								
Commissions NB#8462(A,N,I) NC#1073								
Inspector's Signature National Board State Province and Endorsements								
Date B JANUARY , 2003								
<u> </u>								



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



As Required by the Provinces of the ASME Code Section XI

			As Hequired by th	e Provisions C	or the ASME Code	Section XI			
	Owner	CAROLINA PO	WER & LIGHT CO	<u>OMPANY</u>	Date:		1/7/03		
	411 FA	YETTEVILLE ST., F Address	RALEIGH, NC 2760	02	Sheet:_	1	of	2	
. ~	Plant _	H.B.ROBINSO Name	N	·····	Unit:	<u>`</u>	. 2		
		***************************************	-	ESR#:N	ESR#·N/A EE:N/A				
	3581 W	/EST Entrance RD; Address	HARTSVILLE, SC	29550	WR/WC	:147938 Repair Organiza	CR·N/A tion PO No;Job No;	etc.	
١.	Work P	erformed by CARO	LINA POWER & L	IGHT COMPA	<u>NY</u> Type Co	de Symbol Sta	amp: N/A		
		- Name					N/A	N/A N/A	
	3581 W	<u>/EST ENTRANCE F</u> Address	RD; HARTSVILLE,	SC 29550	Expiration	on Date:	N/A		
•	Identific	cation of System:	Clas	s:3	FEED W	ATER SYSTEM	И	3050	
5	`,	pplicable Construct		_ Design Spe	ecification: <u>CPL-</u>	XXXX-M-001	Code Case <u>:N/A</u> 96 Addenda se: <u>N/A</u>		
, 5.	Identific	cation of Componen	ts Repaired or Re	placed and Re	placement Compo	nents			
ame of compone	-	Name of Manufacturer	Manufacturer Senal 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	
						,			
		' '			Ē				
		7	_1	·					

- 7. Description of Work: Replaced 12 flange nuts
- 8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [X]

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



FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date 17 ,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
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date 8 5 TANIMARY 2003
Date BJANUARY, 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 PO	WER & LIGHT C	COMPANY		Date:		3/4/02	
		411 FAYETTEVILI	Name <u>LE ST., RALEIC</u> Idress	SH, NC 2760	2	Sheet	1	of <u>2</u>	
2.	Plant	н.в.1		4		Unit		2	
3581	WEST I	Entrance RD; HAI Ado	RTSVILLE, SC : lress	29550		WR/	R#: N/A <u>JO: 14802</u> Organiza	EE: N 25 01 CR;N/ tion PO No;Job	'A
3.	Work I	Performed by <u>CA</u>	ROLINA POWER (Name	LIGHT CON	<u> PANY</u>		_	ol Stamp h	
	_3581	L WEST ENTRANCE	RD; HARTSVIL	LE, SC 2955	50	Expira	ation Date	e1	. A\N
4. 5.		ification of Sy Applicable Cons		· ASME Sect		dition	:1967 Add		Case:N/
	(b) A	pplicable Editi	on of Section	XI Utiliza	ed for Rep	airs o	r Replace Code	ments: 1986 c Case: N/A	
6.	Ident	ification of Co	mponents Repa	ired or Rep	placed and	Repla	cement Co	mponents	7
Name o	£	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
cvc-2	03в	Crosby	N68374-00- 0002	N/A	N/A		1971	Replaced	Y
CVC-2	03B	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	<u>2</u> .	623
				*** 7

Remarks: 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 StampN/A
Certificate of Authorization NoN/A
Expiration Date. N/A
Signed Jalund H Cline 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
s.
By signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any
manner for any personal injury or property damage or a loss of any kind arising from or
connected with this inspection
Commissions NB#8412(ANI) NC# 1073 Inspector Signature National Board, State, Province, and Endorsements

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 Name	Date:	1/6/03
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of2
2	Plant H B ROBINSON Name	- Unit:	1
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address	ESR# N/A WR/WO:148406 06 Repair Organiza	EE:N/A CR·N/A Ition PO No;Joţ No,etc.
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Type Code Symbol Sta Authorization No.: Expiration Date:	N/A
4.	Identification of System: Class:2	RESIDUAL HEAT REM	OVAL SYSTEM 2045
5.	(a) Applicable Construction Code <u>B 31.1</u> Edition: 1967 Design Specifica		Code Case N/A

Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Senal 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
i i	1	i		1	•	I	

(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda

Code Case: N/A

- 7. Description of Work: Replacing stuffing box extension and bolting
- 8. Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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



FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: <u>See WO 148406 06 turnover package</u>
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 StampN/A					
Certificate of Authorization N					
Signed ISI ENGINEER Date					
Owner or Owner's Designee, Title					
CERTIFICATE OF INSERVICE INSPECTION					
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the					
State or Province of 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 employér					
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with					
this inspection					
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements					
Date: B JANUARY , 2003					





As Required by the Provisions of the ASME Code Section XI

		-	4	
١.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date:	12/9/02	
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of 2	
2.	Plant H.B.ROBINSON Name	Unit:	2	
	· ·	ESR#:01-00137	EE:N/A	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO·149914	CR:N/A	
	Address	Repair Organia	ation PO No;Job No;el	tc.
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY Name	Type Code Symbol S Authorization No :		
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Expiration Date:		
4.	Identification of System: Class:1	REACTOR COOLANT	SYSTEM	2005
5.	(a) Applicable Construction Code: B 31.1 Edition: 1967 Design Specificat	Addenda <u>:N/A</u> tion: <u>G-678844</u>	Code Case:N/A	
	(b) Applicable Edition of Section XI Used for Repair/Replaceme	ent Activity: 1995 Edition Code C	1996 Addenda ase: <u>N-461-1</u>	
6.	Identification of Components Repaired or Replaced and Replacer	ment Components	•	

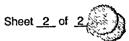
6. Identif	ication of Compone	nts Repaired or Re	eplaced and Re	placement Compo	onents	·	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-567	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-567	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2501R-	Ebasco	N/A	N/A	Piping	1971	Removed	N
101 1-RC-2501R- 101	Maintenance	N/A	N/A	Piping	2002	Installed	N
			ι.	· ·		·	

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

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



FORM NIS-2 (Back)



Remarks: See WO 149914 and ESR 01-00137 tumover 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.				
Lead to the statements made in the separations control this conforms to the requirements of the ASME Code Section VI				
Teeting that the statements made in the report are correct and this comotine to the requirements of the Asiac Code, Section A.				
Type Code Symbol StampN/A				
Certificate of Authorizetion NoN/A				
Signed 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. Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements Date: 9 DECEMBER . 2002				



1-RC-2501R-

101

Maintenance

APPENDIX II MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

-			As nequired by ti	16 1 10 (1310) 13 (A MIC NOME COUC	4		
1.	Owner	CAROLINA PO	WER & LIGHT CO	<u>OMPANY</u>	Date·		12/9/02	
	411 FA	<u>YETTEVILLE ST., R</u> Address	ALEIGH, NC 276	02	Sheet:	11	of	2
2.	Plant _	H.B.ROBINSON Name	١				22	
	3581 W	<u>EST Entrance RD;</u> Address	HARTSVILLE, SC	29550	` WRWO	149915	EE:N/A CR:N/A ation PO No;Job No	
3.		erformed by <u>CARO</u> <u>EST ENTRANCE R</u> Address	Name		Authoriz	de Symbol Station No.: on Date:		
4.	Identific	cation of System:	Clas	ss:1 ,	REACTO	R COOLANT	SYSTEM	2005
5.	• •	pplicable Constructi		Design Spe	ecification: G-678	995 Edition 19		
6.	Identife	cation of Componen	ts Repaired or Re	placed and Re	eplacement Compo	nents		
Name of Compone		Name of Manufacturer	Manufacturer Serial No	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
RC-56	B	Target Rock	N/A	N/A	Valve	1971	Removed	N
RC-56	8	Target Rock	50070 (HT)	N/A	Valve	2002	Installed	N
1-RC-2	2501R-	Ebasco	N/A	N/A	Piping	1971	Removed	N
	2501R-	Maintenance	N/A	N/A •	Piping	2002	Installed	N

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

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



FORM NIS-2 (Back)

Sheet 2 of 2.

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 StampN/A					
Certificate of Authorization No. N/A					
Signed 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. 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 PO	WER & LIGHT CC	MPANY	Date:		1/6/03	
	411 FA	YETTEVILLE ST., F Address		02	Sheet	1	of	2
2.	Plant _	H B ROBINSO	<u>N</u>		Unit:		2	
		Name		ā	ESR# N/A	\	EE·N/A	
-	3581 W	'EST Entrance RD; Address	HARTSVILLE, SC	29550	WR/WO	150926 01 pair Organiza	CR·N/A Ition PO No,Job No;	etc.
3.	Work P	erformed by <u>CARO</u>	LINA POWER & LI Name	IGHT COMPA		le Symbol Station No :		
	<u>3581 W</u>	<u>EST ENTRANCE F</u> Address		SC 29550			N/A	
4	Identific	cation of System:	Clas	s:1	CHEMICA	L AND VOLU	ME CONTROL'SY	STEM2060
5.	(a) A	applicable Construct	ion Code <u>· B 31.1</u>	. Edition:_ Design Spe		da <u>:N/A</u> XXX-M-001	Code Case <u>·N/A</u>	
	(b) A	pplicable Edition of	Section XI Used fo	or Repair/Repl	acement Activity: 19	95 Edition 19 Code Ca	se: <u>N/A</u>	
6.	Identific	cation of Componer	nts Repaired or Rep	placed and Re	eplacement Compon	ents	1	·
Name of Compone		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	L¢V-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
Nint		Mackson	34350PJ (HT)	N/A	LCV-460A	2000	Installed	N

Description of Work: Replaced one bolt and one nut on LCV-460A 7.

Mackson

Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-] 8

34350PJ (HT)

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

N/A





Nut

FORM NIS-2 (Back)

Sheet 2 of 2



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 StampN/A
Certificate of Authorization NoN/A
Signed _ Signed _ ISI ENGINEER Date 6 2003
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
Lithe undersigned, holding a valid commission issued by the New Additional Commission of the Commissio
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 12/6/07 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
Marlis & Abeguer 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	e Provisions	of the Asiais Code Se	SCHOILY >			
1.	Owner	CAROLINA PO	VER & LIGHT CO Name	Date:	ate:12/9/02				
	411 FA	YETTEVILLE ST., R. Address	ALEIGH, NC 2760)2	Sheet:		of	2	
2.	Plant _	H.B ROBINSON Name	Unit:		2 ,				
	3581 W	/EST Entrance RD; I Address	IARTSVILLE, SC	29550_	WR/WO:1	00137 53353 pair Organiza	EE:N/A CR:N/A tion PO No:Job No		
3.		renormed by <u>CAROL</u> VEST ENTRANCE R Address	Name		e Symbol Sta ion No.: Date:				
4.	Identific	cation of System:	Clas	s:1	REACTOR	COOLANT S	SYSTEM	2005	
5 . `	(a) Applicable Construction Code: B 31.1 Edition: 1 Design Special								
	(b) Applicable Edition of Section XI Used for Repair/Replacen					nt Activity: 1995 Edition 1996 Addenda Code Case: N-461-1			
6.	Identifi	cation of Component	s Repaired or Rep	placed and R	eplacement Compone	ents	T	 -	
Name of Compon		Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)	
BC-57	·1	Target Rock	N/A	N/A	₹Valve	1971	Removed	N	

Description of Work: Replacing valve RC-571 and associated piping 7.

50070 (HT)

N/A

N/A

Target Rock

Maintenance

Ebasco

Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-] 8.

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

N/A

N/A

N/A

Valve

Piping

Piping

2002

1971

2002

Installed

Removed

Installed



N

N

N



RC-571

1-RC-2501R-

1-RC-2501R-

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks⁻ 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						
Certificate of Authorization No. N/A						
Signed 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 $\frac{5/10/01}{}$ to $\frac{12/9/02}{}$ 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 foss of any kind arising from or connected with						
this inspection 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

-	,				
ι.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date:	1/6/03		
	411 FAYETTEVILLE ST , RALEIGH, NC 27602 Address	Sheet:1	of2		
2.	Plant H B.ROBINSON	Unit:	2		
	, Name	ESR#:N/A	EE·N/A		
	OFFICE MEDIT F-transport DD: HARTCVILLE CO 00550	WR/WO 157919 01	CR N/A		
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address	Repair Organiza	ation PO No;Job No,etc.		
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Type Code Symbol Sta Authorization No.:	N/A		
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Expiration Date:	N/A		
4	Identification of System: Class:3	SERVICE WATER SYS	STEM 4060		
5.	(a) Applicable Construction Code <u>B 31.1</u> Edition <u>1967</u> Design Specification	Addenda <u>Ñ/A</u> on: <u>N/A</u>	Code Case <u>N/A</u>		
	(b) Applicable Edition of Section XI Used for Repair/Replacement	nt Activity: <u>1995 Edition 19</u> Code Ca	996 Addenda se: N/A		
6.	Identification of Components Repaired or Replaced and Replacem	ent Components			

Name of Component	Name of Manufacturer	Manufacturer Senal 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 [X] Exempt [-]

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



FORM NIS-2 (Back)

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

Remarks 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 StampN/A						
Certificate of Authorization No						
Signed J John H 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						
Toquilonionis of the Advic Gode, Geotion At						
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						
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements						
Date B JANUARY , 2003						



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

As Required by the Provisions of the ASME Code Section XI

1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1								
Owne	wner CAROLINA POWER & LIGHT COMPANY Name					1/6/03	 	
<u>411 F</u>	AYETTEVILLE ST., F Address	RALEIGH, NC 27	602	Sheet:	1	of	2	
Plant	H B ROBINSO Name	N		 -		2		
3581 WEST Entrance RD; HARTSVILLE, SC 2955 Address				ESR# N/A WR/WO 1 Rep	67847	EE.N/A CR N/A tion PO No,Job No		
	Performed by <u>CARO</u> WEST ENTRANCE I Address	Name RD; HARTSVILLE	-	Authorizat	e Symbol Station No : Date:	N/A		
. (a)	Identification of System: Class 1 (a) Applicable Construction Code: ASME Section III Edition Design Specific (b) Applicable Edition of Section XI Used for Repair/Replacements				1965 Addenda <u>·1965</u> Code Case <u>:</u> on: <u>955479</u>			
				eplacement Compone	Code Ca	se: <u>N/A</u>		
S. Identi lame 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-	Westinghouse	93732	N/A	Manway Bolting	1971	Removed	N	
OVR SG-A-PM- OVR	Westinghouse	93732	N/A	Manway Bolting	1971	Installed	N	
				-				
		ļ			 			

- 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 2

Remarks 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 StampN/A						
Certificate of Authorization toN/A						
Signed ISI ENGINEER Date						
Owner or Owner's Designee, Title						
CERTIFICATE OF INSERVICE INSPECTION						
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the						
State or Province of 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						
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

	Owner CAROLINA POWER & LIGHT COMPANY Name	Date	1/6/03
•	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of2
	Plant H B ROBINSON	Unit:	2
	Name	ESR#:N/A	EE·N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO 167893 01	CR·N/A
	Address	Repair Organiza	ation PO No,Job Ņo;etc.
	Work Performed by CAROLINA POWER & LIGHT COMPANY	Type Code Symbol St	
	Name	Authorization No.:	
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Expiration Date:	N/A
	Identification of System: Class:3	CHEMICAL AND VOLU	JME CONTROL SYSTEM2
	(a) Applicable Construction Code ASME III Edition Design Specificat	Addenda: <u>N/A</u> ion: <u>E 676428</u>	Code Case <u>·N/A</u>
	(b) Applicable Edition of Section XI Used for Repair/Replaceme	at Activity: 1995 Edition 19	996 Addenda

Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Senal 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
ı							<u> </u>

- 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



FORM NIS-2 (Back)

Sheet 2 of 2

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
Certificate of Authorization No.
Signed
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 4/23/0Z and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector or his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection Commissions NB#8462(A,N,I) NC#1073 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 PO	OWER & LIGHT O	COMPANY	Date:		3/11/02	
		411 FAYETTEVIL	LE ST., RALEI ddress	GH, NC 276	02 Sheet	1_	of <u>2</u>	
2.	Plan	H.B.	ROBINSON Name	· · · · · · · · · · · · · · · · · · ·	Unit_		22	
3581	WEST 1	Entrance RD; HA	RTSVILLE, SC dress	29550	WR	/JO: 1681	0296 EE: N 64 01 (CR:N/ ation PO No; Job	/A
3.	Work 1	Performed by <u>CA</u>	ROLINA POWER Name	& LIGHT CO	===	-	ool Stamp	
	_358	1 WEST ENTRANCE A	RD; HARTSVIL	LE, SC 295	•		:e1	
4.	Ident	ification of Sy	stem: <u>Class</u>	:2 CHEMIC	AL AND VOLUME CO	ONTROL SYS	<u> 20</u>	60
5.	(a)	Applicable Cons	truction Code	: B 31.1 E Design	dition:1967 Adden Specification:	enda:N/A (: CPL-HBR2	Code Case:N/A 2-M-019	
	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repairs	or Replace Cod	ements: 1986 e Case: N-416-	1
6.	Ident	ification of Co	mponents Repa	ired or Re	placed and Repl	acement Co	omponents '	,
Name of Compone	-	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-27	77A	Edwards	N/A	N/A	Valve	1998	Replaced	N
CVC-27	77A	Edwards	N/A	N/A	Valve HT#7HUB	1999	Replacement	N
Pipino	<u> </u>	Ebasco	N/A	N/A	Piping	1971	Replaced	N

7. Description of Work: Replacement of valve CVC-277A and piping.

N/A

N/A

N/A

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]

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

Piping HT#

Piping HT#

32789

Piping

L36041

N/A

N/A

N/A



N

N

N

Replacement

Replacement

Replaced

1999

1971

1994

1



Piping

Piping

Piping

Dubose

Ebasco

Dubose

FORM NIS-2 (Back)

Sheet	2	of	2	

Remarks: 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 StampN/A
Certificate of Authorization No
Expiration Date: N/A
Signed Signed
Owner or Owner's Designee, Title
*
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of 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 $\frac{5/01}{}$ to $\frac{3/13/02}{}$ 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 arısıng from or
connected with this inspection. Market A Jacob 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

_								اجتمعت
1.	Owner	CAROLINA PO	OWER & LIGHT CO	OMPANY	Date		1/6/03	
	<u>411 FA</u>	YETTEVILLE ST., I Address		02	Sheet:	1	of 2	<u>!</u>
2. -	Plant_	H B ROBINSO Name	N -	-		-00195	2 EE N/A	~
	3581 W	VEST Entrance RD, Address		29550	WRWO	178052 01	CR·N/A tion PO No,Job No;	etc.
3.		Performed by <u>CARO</u> VEST ENTRANCE I Address	Name . RD; HARTSVILLE,		Authoriza	de Symbol Sta ation No.: n Date:		
4.	Identific	cation of System:	Clas	ss [.] 3	EDG FUE	LOIL 5100	<u> </u>	
5.	(a) A	Applicable Construct	tion Code <u>· [°] B 31.1</u>	Edition:_ Design Spi	1967 Adden ecification: N/A	da <u>·N/A</u>	Code Case <u>N/A</u>	,
		pplicable Edition of		,		Code Cas	96 Addenda se: <u>N-416-1</u>	
Name of Compone		Name of Manufacturer	Manufacturer Senal No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
DG-FO-		Ebasco	N/A	N/A	N/A	1971	Corrected	N
FO-18		Velan	N/A	N/A	Valve	1971	Removed	N

1980

Installed

7. Description of Work: Installing new drain valve/line and repairing tank bottom

BM352N (HT)

8 Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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

N/A

Valve



N



FO-18

Edwards

FORM NIS-2 (Back)

Sheet 2 of 2



Remarks 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 StampN/A
Certificate of Authorization No. N/A
Signed ISI ENGINEER Date 16 ,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. Leave the state of the commissions NB#8462(A,N,I) NC#1073
Inspector's Signature (/ National Board, State, Province, and Endorsements Date 8 TANUARY , 2003
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

			As nequired by the	e Provisions of	ille AS	IVIL Obde de			
1.	Owner	CAROLINA PO	VER & LIGHT CC Name	<u>MPANY</u>		Date:		12/9/02	
	411 FAY	YETTEVILLE ST., R. Address	ALEIGH, NC 2760)2		Sheet:	_1	of2	2
2.	Plant _	H.B ROBINSON Name						´2	
	<u>3581 W</u>	EST Entrance RD; I Address	HARTSVILLE, SC	29550		ESR#:01-00 WR/WO:18 Rep	2069 01	EE:N/A CR:N/A tion PO No;Job No;	
3.		erformed by <u>CAROL</u> <u>EST ENTRANCE R</u> Address	Name		<u>NY</u>	Type Code Authorization Expiration I	on No.:	mp: N/A N/A N/A	_
4.	Identific	ation of System:	Clas	s:1		REACTOR (COOLANT	SYSTEM	2005
5.	(a) A	pplicable Constructi	on Code <u>· B 31.1</u>	Edition <u>1</u> Design Spe		Addenda n: <u>G-67884</u>		Code Case.N/A	
	(b) A	oplicable Edition of S	Section XI Used fo	or Repair/Repla	acement	Activity: 199	5 Edition 19 Code Ca	96 Addenda se: <u>N-461-1</u>	
6.	Identific	cation of Component	s Repaired or Rep	placed and Re	placeme	ent Compone	nts		
Name of Compone	ent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifi	cation	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-2	501R-	Ebasco	N/A	N/A	Piping	9	1971	Removed	N
1-RC-2	501R-	Maintenance	N/A	N/A	Piping	3	2002	Installed	N

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

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

02-039

11.



102

FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks: See WO 182069 and ESR 01-00137 turnover package
Applicable Manufacturer's Data Reports to be attached

OFFICIATE OF COMPLIANCE
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 StampN/A
Certificate of Authorization No. N/A
Signed - Low HCh 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. Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements Date







As Required by the Provisions of the ASME Code Section XI

•		
1.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date: 12/9/02
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: of 2
2.	Plant H B.ROBINSON Name	Unit:2
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address	ESR#:01-00137 EE:N/A WR/WO:182079 CR:N/A Repair Organization PO No;Jeb No;etc.
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Type Code Symbol Stamp: N/A 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 Design Specificat	Addenda <u>:N/A</u> Code Case <u>:N/A</u> ion: <u>G-678844</u>
	(b) Applicable Edition of Section XI Used for Repair/Replaceme	nt Activity: 1995 Edition 1996 Addenda Code Case: N-461-1

6.	Identification of Components R	epaired 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	Walve	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 [X] Exempt [-]

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



FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks 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 StampN/A
Certificate of Authorization No. N/A N/A
Signed - Signed USI 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 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 REPAIRS OR REPLACEMENTS

As Required by the Provisions of the ASME Code Section XI

					·			
1.	Owner	CAROLINA PO	OWER & LIGHT O	COMPANY	Date	:	2/28/02	
		411 FAYETTEVILI	LE ST., RALEIC	SH, NC 2760	Sheet	1_	_ of	
2.	Plant	н.в.і	ROBINSON Name		Unit_		2	
_3581	WEST 1	Entrance RD; HA	RTSVILLE, SC 2	29550	WE	SR#: N/A k/JO: 1890 r Organiza		'A
3.	Work 1	Performed by <u>CA</u>	Formed by CAROLINA POWER & LIGHT COMPANY Name				ol Stamp	
	<u>`358:</u>	1 WEST ENTRANCE A	RD; HARTSVIL ddress	LE, SC 2955			No1	
4.	Ident:	ification of Sy	stem: Class	:3 SERVICE	E WATER SYSTEM	406	0	•
5.	(a) i	Applicable Cons	truction Code	: N/A Edit: Desigr	ion:N/A Addenda Specification	:N/A Code : CPL-R2-M	Case:N/A IP-12A	
	(b) A	pplicable Editi	on of Section	XI Utilize	ed for Repairs	or Replace Code	ements: 1986 e Case: N/A	
6.	Ident	ification of Co	, mponents Repa	ired or Re	placed and Repl	acement Co	omponents	
Name of		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or	ASME Code Stamp

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
						ę.	
				+		-	
	-		-				

- 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	2
Sneet	4	OI	4.

Remarks: 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 StampN/A
Certificate of Authorization No. N/A
Expiration Date. N/A
Signed Signed 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
Inspector's Signature Commissions NB # 8462 (A.N.I.) NC # 1073 National Board, State, Province, and Endorsements
Pate: 2/29 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 Name			Date:	Date:			
	411 FA	YETTEVILLE ST., F Address	• • • • • • • • • • • • • • • • • • • •	02	Sheet:	1	of	2
2. "							2	
	3581 W	/EST Entrance RD; Address		WR/WO-19	92771	EE:5024 CR:N/A tion PO No;Job No		
3	Work Performed by CAROLINA POWER & LIGHT COMPANY Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address					Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A		
4.	Identific	cation of System:	Clas	s:1	REACTOR	VESSEL		1005
 6. 	(b) A	pplicable Edition of	Section XI Used fo	Design Spe or Repair/Repla	Edition: 1965 ecification: EC5024 acement Activity: 199 eplacement Compone	2,01-00063 5 Edition 19 Code Ca	996 Addenda	e Case <u>:</u>
Name of Compone	,	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
Reacto		Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 10	1967	Corrected	Y
Reacto Vessel	r	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 14	1967	Corrected	Y
Reacto	r	Westinghouse	CPLRCPPSR V1	NB-20772	CRDM Penetrations 30	1967	Corrected	Y
Vessel		Westinghouse	CPLRCPPSR	NB-20772	CRDM	1967	Corrected	Υ
Vessel Reacto Vessel		11 doig.10d00	V1	 	Penetrations 50	 		-

- 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 #18
- 8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

Other [VT-1,2] Pressure [NOP] psig Test Temp. [NOT] °F





FORM NIS-2 (Back)

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

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 StampN/A
Certificate of Authorization No
Signed 4 Columbia 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
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements
Date: /3 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 PO	OWER & LIGHT C Name	OMPANY	Date	e		1/6/03	
	<u>411 FA</u>	YETTEVILLE ST., F Address	RALEIGH, NC 276	502	She	et:	1	of	2
2.	Plant _	H B ROBINSO Name	N		Unit	::	 	2	
	<u>3581 W</u>	/EST Entrance RD; Address		C 29550	<u>ESF</u> WR	R# N/A /WO.19989 Repair O	9 01	EE·N/A CR N/A on PO No;Job No	
3.		Performed by <u>CARO</u> VEST ENTRANCE F Address	Name		- Aut	e Code Syn horization N iration Date	o :	N/A	
4.	Identific	cation of System	Cla	ss:3	CHE	MICAL AND	VOLUN	ME CONTROL S	YSTEM206
5.	(a) A	pplicable Construct	ion Code <u>B 31</u>	<u>1</u> Edition <u>:</u> Design Sp	1967 A	ddenda <u>N/A</u> 676281	7	Code Case N/A	
		pplicable Edition of		•		Co	ition 199 ode Cas	96 Addenda e: <u>N/A</u>	
6.	Identific	cation of Componer	ts Repaired or Re	eplaced and R	eplacement Co	mponents			
Name of Compone	nt	Name of Manufacturer	Manufacturer Senal No	National Board No.	Other Identification		Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-34	12	Grinnel	N/A	N/A	Bonnet	19	71	Removed	N
CVC-34	12	Grinnell N/A		N/A	Bonnet	19	98	Installed	N
	· · ·			<u>'</u>	`				
					-				

- 7. Description of Work: Replaced valve bonnet
- 8 Test Conducted Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

Sheet 2 of 2

Remarks. 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 StampN/A
Certificate of Authorization NO
Signed J Communication 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 damagé or a loss of any kind arising from or connected with
this inspection
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date B JANUARY 2003
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

			10 110 quii 0 2 2 3 111								
1.	Owner	CAROLINA PO	NER & LIGHT CC Name	<u>MPANY</u>		Date:		1/6/03			
	411 FAYE	ETTEVILLE ST., R Address	ALEIGH, NC 2760	02	-	Sheet:	1	of	2		
2.	Plant	H B ROBINSON Name	l			 -		2 EE:N/A			
-	3581 WE	ST Entrance RD; I Address	HARTSVILLE, SC	29550		ESR#:4715 WR/WO:20 Repa	5008	CR N/A on PO No;Job No;			
3		formed by <u>CAROL</u> ST ENTRANCE R Address	Name	Authorization	Symbol Star on No.: Date:	N/A					
4.	Identificat	tion of System:	Clas	s:3		FEED WATE	R SYSTEM		3050		
5.	(a) App	olicable Constructi	on Code: B 31 1	Edition_ Design Spe		Addenda n: <u>EC 4715</u>		Code Case:N/A	i		
	(b) Applicable Edition of Section XI Used for Repair/Replacement Activity: 1995 Edition 1996 Addenda Code Case: N-416-1										
6	Identifica	tion of Component	s Repaired or Rep	placed and Re	placeme	ent Componer	nts	T T	7		
Name of	1	Name of	Manufacturer	National	Other		Year	Corrected,	ASME		

Name of Component	Name of Manufacturer	Manufacturer Senal 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 <u>Installing ultrasonic flowmeters on A, B and C Feedwater trains by welding</u>
- 8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

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



Remarks: <u>See WO 205008 and EC-47152 turnover package</u>
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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date 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 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 PO	WER & LIGHT CO	OMPANY	Date:	-	1/6/03			
	411 FA	YETTEVILLE ST., R Address	Name ALEIGH, NC 276	02	Sheet	1	of2			
2	Plant H B ROBINSON Name						2			
	<u>3581 W</u>	EST Entrance RD; Address	HARTSVILLE, SC	29550	ESR#:N/A <u>WR/WO·2</u> Re	ESR#:N/A				
3.		erformed by <u>CAROI</u> EST ENTRANCE F Address	Name	Authoriza	e Symbol Star tion No.: Date:	N/A N/A N/A				
4.	Identific	ation of System:	Clas	ss:3 <u>*:</u>	FEED WA	TER SYSTEM		3050		
5. 6	(b) A	pplicable Edition of	Section XI Used fo	Design Sp or Repair/Rep	1967 Addence CPL-XX Iacement Activity: 19	95 Edition 199 Code Case	Code Case <u>N/A</u> 6 Addenda e. <u>N/A</u>	,		
Name of Compone	nt	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		Ųnk	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





FORM NIS-2 (Back)

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

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 StampN/A					
Certificate of Anthorization No.					
Signed 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 $\frac{5/10/01}{}$ to $\frac{11/9/02}{}$ 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. 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

Owner <u>CAROLINA POWER & LIGHT COMPANY</u> Name	Date:	1/6/03
411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of 2
Plant H B ROBINSON Name	Unit:	2
Name -	ESR#:N/A	EE·N/A
3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO:206924 01	CR N/A
Address		ation PO No;Job No;etc.
Work Performed by CAROLINA POWER & LIGHT COMPANY	Type Code Symbol S	tamp. N/A
Name	Authorization No :	
3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Expiration Date:	N/A
Identification of System: Class:2	CHEMICAL AND VOL	UME CONTROL SYSTEM2
(a) Applicable Construction Code: B 31.1 Edition: 1967 Design Specification	Addenda: N/A non. <u>HBR2-M-047</u>	Code Case <u>·N/A</u>
(b) Applicable Edition of Section XI Used for Repair/Replacemen	nt Activity: 1995 Edition 1	996 Addenda ase: N/A

Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	Code Stamp (Yes or No)
N/A	N/A	N/A	FE-122	1971	Removed	N
Nova	N/A	N/A	FE-122	1998	Installed	N
N/A	N/A	N/A	FE-122	1971	Removed	N
Mackson	N/A	N/A	FE-122	1998	Installed	N
		-				
	N/A Nova N/A	N/A N/A Nova N/A N/A N/A	N/A N/A N/A Nova N/A N/A N/A N/A N/A	N/A N/A N/A FE-122 Nova N/A N/A FE-122 N/A N/A N/A FE-122	N/A N/A N/A FE-122 1971 Nova N/A N/A N/A FE-122 1998 N/A N/A N/A FE-122 1971	N/A N/A N/A FE-122 1971 Removed Nova N/A N/A FE-122 1998 Installed N/A N/A N/A FE-122 1971 Removed

- 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 2

Remarks 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 StampN/A
Certificate of Authorization NO N/A
Signed ISI ENGINEER Date
Cimici of Cimici Designs,
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 Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date: BJANUARY , 2003

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

As Required by the Provisions of the ASME Code Section XI

			-				
1. O	wner <u>CAROLIN</u>	A POWER & LIGHT C	OMPANY	Date	<u> </u>	1/6/03	
<u>41</u>	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address				1	of2	!
2. PI	ant <u>H.B.ROBII</u> Nam				2 EE N/A		
35	581 WEST Entrance Add	RD; HARTSVILLE, SC ess	29550	<u>ESH#,</u> <u>WR/W</u>	N/A O 206987 02 Repair Organiza	CR·N/A tion PO No;Job No;	
		AROLINA POWER & L Name CE RD; HARTSVILLE, ress	Author	Code Symbol Strization No.: tion Date:	amp: N/A N/A N/A		
4. Id	entification of Syster	n·Clas	ss·2 -	СНЕМІ	CAL AND VOLU	IME CONTROL SY	STEM206
5. (a) Applicable Cons	truction Code: VIII - 1	1967 Add Decification: CPL	enda <u>N/A</u> -XXXX-M-001	Code Case <u>·N/A</u>		
(1	b) Applicable Edition	n of Section XI Used f	or Repair/Rep	placement Activity:	1995 Edition 19	996 Addenda se: <u>N/A</u>	
6. ld	lentification of Comp	onents Repaired or Re	placed and R	eplacement Comp	onents	1	
Name of Component	ame of Name of Manufacturer National		Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)	
VCT Manw	VCT Manway Unk N		N/A	Studs	1993	Removed	N
VCT Many	vay Nova	N/A	N/A	Studs	2000	Installed	N
VCT Many	vay Unk	N/A	N/A	Nuts	1993	Removed	N
VCT Many	vay Mackson	N/A	N/A	Nuts	2000	Installed	N
				•			
i)	i	i					

- 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





FORM NIS-2 (Back)

Sheet 2 of 2

(E)

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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of 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 1/2/02 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
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date 8 JANUARY 2003
Date 8 JANUARY, 2003



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

			As Required by the	e Provisions of	the AS	ME Code Se	ction XI		
		1	•						
1.	Owner CAROLINA POWER & LIGHT COMPANY Name					Date:		1/7/03	
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address						1	of2	
2.	Plant H.B ROBINSON Name							_2	
				~		ESR#:N/A		EE:N/A	
	3581 W	EST Entrance RD; I	HARTSVILLE, SC	<u>29550</u>		WR/WO.23	34465	CR:N/A	
	**	Address	-		•	- Нер	air Organizai	tion PO No;Jób No;	elc.
	10/	erformed by CAROL	INIA DOWER & LI	GHT COMPAI	ΝY	Type Code	Symbol Sta	mp:N/A_	
3.	WORK P	errormed by <u>CAROL</u>	Name	CITT COMIT 73	•••	Authorization	on No.:	N/A	
	3581 W	EST ENTRANCE R		SC 29550		Expiration	Date:	N/A	
	<u> </u>	Address						1	
4.	Identific	cation of System:	Clas	s:2 *		CHEMICAL	AND VOLU	ME CONTROL SY	STEM206
5.	(a) A	pplicable Constructi	on Code <u>: B 31.1</u>	Edition <u>: 1</u> Design Spe	<u>967</u> cificatio	Addenda n: <u>CPL-HB</u>		Code Case <u>:N/A</u>	
	(b) A	pplicable Edition of S	Section XI Used fo	r Repair/Repla	acement	Activity: 199	5 Edition 19 Code Cas	96 Addenda se: <u>N/A</u>	
6.	Identific	cation of Component	s Repaired or Rep	placed and Re	placeme	ent Compone	nts	1	
Name of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifi		Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-3	82	Crosby	N/A	N/A	Disc		1971	Removed	N
CVC-3	82	Crosby	N/A	N/A	Disc.		1971	Installed	N
					•	٧.			
						<u> </u>			
li .		1	1	I .	1				

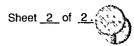
- Description of Work: Replaced valve disc. 7.
- Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-] 8.

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





FORM NIS-2 (Back)



Remarks 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
Certificate of Authorization NoN/A
Signed A Low H L 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.
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 PO	WER & LIGHT C	OMPANY		Date:	····	1/6/03	
			Name	,					
	411 FA	YETTEVILLE ST , R Address	ALEIGH, NC 276	02		Sheet:	1	of	2
2.	Plant	H B.ROBINSON	1			Unit:		2	
		Name		No. de de	-	ESR#:N/A		EE:N/A	
	3581 W	EST Entrance RD: I Address	HARTSVILLE, SC	29550_	-	WR/WO·2	34536	CR·N/A tion PO No;Job No	
						•	,		
3.	Work P	erformed by <u>CAROL</u>	INA POWER & L Name	IGHT COMPA	<u>MY</u>		e Symbol Sta ion No.:		
	3581 W	EST ENTRANCE R		SC 29550			Date:		
		Address							
4.	Identific	ation of System:	Clas	ss 3 *		SERVICE V	WATER SYS	STEM	4060
5.	(a) A	pplicable Constructi	on Code: <u>B31.1</u>	Edition <u>:</u> Design Sp			la <u>·N/A</u>	Code Case:N/A	
	(b) A	oplicable Edition of S	Section XI Used f	or Repair/Repl	acemen	Activity: 199	95 Edition 19 Code Ca	996 Addenda se: <u>N/A</u>	
6.	Identific	cation of Component	ts Repaired or Re	placed and Re	eplaceme	ent Compone	ents		
Name of Compone	nt	Name of Manufacturer	Manufacturer Senal No	National Board No	Other Identifi	cation	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-545	5	Crane	V6-15-2	N/A	Chae	ck Valve	2002	Corrected	N
					,				
-						_			
					,			-	
 					 		<u> </u>		
		,							
				-					
7.	Descri	otion of Work: Repa	ır fillet weld at dis	c stop and reb	uild valv	e as a spare	<u> </u>		
8.	Test C	onducted: Hydrostal	tic [-] Pneumatic [-] Nominal Op	erating F	ressure [-] E	Exempt [-]		
		Other	N/Ti Proceuro	[N/A] psig To	aet Tamr	101/A1°E		,	



FORM NIS-2 (Back)

Sheet 2 of 2



Pomarka, See MO 204506 Automated and a second secon
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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date I C ,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 1/03 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
Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements Date



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

As Required by the Provisions of the ASME Code Section XI

	No	Year Year	Compared
6.	Identification of Components Repaired or Replaced and Repla	acement Components	
,	(ъ) Applicable Edition of Section XI Used for Repair/Replace		<u>1996 Addenda</u> Case: <u>N/A</u>
5	(a) 'Applicable Construction Code B 31 1 Edition: 196 Design Specif		
4	Identification of SystemClass:2	CHEMICAL AND VO	DLUME CONTROL SYSTEM206
0.	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Authorization No :_ Expiration Date:	N/A
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY	•	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address	WR/WO 236875 01	
	Name	ESR#:N/A	EE·N/A
2.	Plant H B ROBINSON	_ Unit:	2
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of 2
1.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date:	1/6/03
			-

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 [X] Pressure [90%LiftSet] psig Test Temp. [AMBIENT] °F



FORM NIS-2 (Back)

Sheet 2 of 2



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 StampN/A
Certificate of Authorization NoN/A
Signed 1 Si 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/ 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 Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements
National Board, State, Province, and Endorsements Date



FORM NIS-2 OWNER'S REPORT FOR REPAIR/REPLACEMENT ACTIVITY As Required by the Provisions of the ASME Code Section XI

	Owner	CAROLINA PO	WER & LIGHT C	<u>OMPANY</u>	-	Date:	-	1/7/03	
	<u>411 FA</u>	YETTEVILLE ST., I Address		602		Sheet:	1	of	2
	Plant _	H B ROBINSC Name	N	-	-	Unit:	,	2	-
	3581 W	/EST Entrance RD; Address		29550_		ESR#:N/A WR/WO 23 Rep	6955	EE:N// CR:N// tion PO No;Job N	Α
		erformed by <u>CARC</u> EST ENTRANCE I Address	Name RD: HARTSVILLE	:	ANY		on No.:	N/A	A
	Identific	cation of System:	Cla	ss:2		MAIN STEA	M SYSTEM	l	3020
	(a) A	pplicable Construc	tion Code <u>· ASME</u>	III NF Design S	Edition:	1971	Äddenda:	<u>5/73</u> Co	de Case:
				Design of	becilication	1: <u>CAH-SH</u>	-M-30		
	(b) A	pplicable Edition of	Section XI Used f			-		96 Addenda se: <u>N/A</u>	
		pplicable Edition of cation of Componer		or Repair/Rep	olacement	Activity: 199	5 Edition 19 Code Ca	996 Addenda se: <u>N/A</u>	
me of	Identific			or Repair/Rep	olacement	Activity: <u>199</u>	5 Edition 19 Code Ca	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
	Identific nt	cation of Componer	nts Repaired or Re	or Repair/Repeplaced and F	olacement Replaceme	Activity: <u>199</u> nt Componer	5 Edition 19 Code Ca	Corrected, Removed, or	Code Stamp (Yes or

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

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





FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A
Certificate of Authorization NO N/A
Signed Signed ISI ENGINEER Date 16 , 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 $\frac{5/10/01}{}$ to $\frac{1/7/03}{}$ 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 Sharles Face Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements
Date 7 JANUARY, 2003





As Required by the Provisions of the ASME Code Section XI

				`			
Owner	CAROLINA PO	WER & LIGHT CO	OMPANY	Date:		1/6/03	
411 FA	YETTEVILLE ST., F Address	*	02	Sheet:	1	of	2
Plant _	H B.ROBINSO Name	N		Unit	-	_2	
<u>3581 W</u>	/EST Entrance RD, Address	HARTSVILLE, SC	29550	<u>ESR#:N</u> <u>WR/WO</u> F	:239182	EE:N/A CR N/A tion PO No;Job No;	
	erformed by <u>CARO</u> VEST ENTRANCE F Address	Name		Authoriz	ode Symbol Station No :on Date:		
Identific	cation of System:	Clas	ss·1	SAFETY	INJECTION S	YSTEM	2080
, ,	applicable Construct		Design Sp	ecification: N/A	995 Edition 19		
Identifi	cation of Componer	its Repaired or Re	placed and Re	eplacement Compo		se. <u>14-4-10-1</u>	1
Identific me of mponent	Name of Manufacturer	Manufacturer Senal No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes o
l-875L	Edwards	N/A	N/A	Valve	1993	Removed	N
I-875L	Edward	JLDC(HT)	N/A	Valve	2001	Installed	N
pe	Ebasco	N/A	N/A ·	Pipe	1993	Removed	N
ipe	Consolidated	SW769(HT)	Ņ/A	Pipe	1993	Installed	N
		-	 	 			

- 7. Description of Work: Replacing valve and pipe by welding
- 8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

Sheet 2 of 2



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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date
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 of a loss of any kind arising from or connected with
this inspection
Date
Date <u>B JANUARY</u> , 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 Name	Date: 12/11/02
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1 of 2
2.	Plant H.B ROBINSON Name	- Unit: 2
	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 <u>CAROLINA POWER & LIGHT COMPANY</u> Name - 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Type Code Symbol Stamp: N/A 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 Design Specification	Addenda: N/A Code Case: N/A tion: N/A
	(b) Applicable Edition of Section XI Used for Repair/Replacement	ent Activity: <u>1995 Edition 1996 Addenda</u> Code Case: <u>N-416-1</u>

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 [X] Exempt [-]

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



FORM NIS-2 (Back)

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

Remarks 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 StampN/A
Certificate of Authorization No. N/A
Signed John H Club 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 /2/11/02 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 Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements
Date 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 PO	WER & LIGHT CO	<u>OMPANY</u>	Date		1/6/03	<u> </u>
	411 FA	YETTEVILLE ST., F Address	ALEIGH, NC 2760	02	Sheet:_	1	of	2
2.	Plant _	H B ROBINSOI Name	٧			,	2 ,	
)			и,	-	ESR#·N	I/A	EE:N/A	
•	3581 W	EST Entrance RD,	<u>HARTSVILLE, SC</u>	29550	WR/WC	D:278583 ·	CR N/A	
		Address		- , , , , ,	1	Repair Organiza	tion PO No;Job No	,etc.
3.	Work P	erformed by CARO	INA POWER & L	IGHT COMPA	NY Type C	ode Symbol Sta	imp: N/A	
			Name		Authori	zation No.:	N/A	
	3581 W	EST ENTRANCE F	ID; HARTSVILLE,	SC 29550	Expirati	on Date:	N/A	
		Address	,					
4.	Identific	cation of System:	Clas	s:1	STEAM	GENERATOR :	SYSTEM	3005
5.	(a) A	pplicable Construct	on Code: ASME	Section III I Design Spe	Edition: 1965 cification: 9554	Addenda <u>:1</u> 79	<u>965</u> Cod	e Case <u>·</u>
	(b) A	pplicable Edition of	Section XI Used fo	or Repair/Repla	acement Activity:	1995 Edition 19 Code Ca	96 Addenda se: <u>N/A</u>	
6.	Identific	cation of Componen	ts Repaired or Re	placed and Re	placement Compo	onents		
Name of Compone		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-P	M-	Westinghouse	93733	N/A	Manway Bolting	1971	Removed	N
CVR	•••							

7. Description of Work: Replaced hot and cold leg manway bolting with spare rotating set

93733

Westinghouse

8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-] Exempt [-]

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

N/A

Manway Bolting



N

Installed

1971



SG-B-PM-

CVR

FORM NIS-2 (Back)

Sheet 2 of 2.



Remarks: 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 A Color 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 11/27/52 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
Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements
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 PO	WER & LIGHT O	OMPANY	Date·		1/6/03	
	411 FA	/ETTEVILLE ST., F Address		602	Sheet:	1	of	2
2.	Plant _	H B ROBINSO Name	N		Unit:		2	
-	3581 W	EST Entrance RD; Address		C 29550_	<u>ESR#:N/A</u> <u>WR/WO:2</u> Rep	78584	EE:N/A CR N/A Ition PO No,Job No	
3.		erformed by <u>CARO</u> EST ENTRANCE I Address	Name RD; HARTSVILLE		Authorizati	e Symbol Stoon No : Date:		
4.	Identific	ation of System	Cla	ass·1	STEAM GE	NERATOR	SYSTEM	3005
5. `		-		E Section III	Edition: 1965 Pecification: 955479	Addenda <u>:</u>	1965 Code	e Case:
6				•	lacement Activity: 199 eplacement Compone	Code Ca	996 Addenda se: N/A	1
lame of Compone	nt	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-P CVR	PM-	Westinghouse	93734	N/A	Manway Bolting	1971	Removed	N
SG-C-P CVR	PM-	Westinghouse	93734	N/A	Manway Bolting	1971	Installed	N
						 		
			1 .					
				L .			1	

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 2

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 StampN/A
Certificate of Authorization N
Signed J J J
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 Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date B 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 PO	OWER & LIGHT C	OMPANY	Date	÷-	1/6/03	
	411 FA	YETTEVILLE ST., F Address	-	602	Sheet	1	of	2
2.	Plant _	H B ROBINSO Name	N -		Unit:		2	1
	3581 W	VEST Entrance RD,	HARTSVILLE, S	C 29550		·296041	EE·N/A CR:N/A	
		Address					ation PO No,Job No	
3.		Performed by <u>CARO</u> V <u>EST ENTRANCE F</u> Address	Name		Authoriz	de Symbol St ation No.: n Date:	N/A	
4.	Identific	cation of System	Cla	iss:3	HVAC AU	X BLDG 821	0	
5.	(a) A	Applicable Construct	ion Code <u>. N/A</u>	Edition <u>:</u> Design Sp		nda <u>·N/A</u> R2-HV2	Code Case:N/A	•
					placement Activity: 1	Code Ca	996 Addenda lse: <u>N/A</u>	
6.	Identifi	cation of Componer	its Repaired or Ri	eplaced and H	eplacement Compo	nents_	1	
Name of Compon		Name of Manufacturer	Manufacturer Senal No.	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes o No)
Coolin	g Coil	Porter	N/A ,	N/A	HVH 8B	1997	Removed	N
Coolin	g Coil	Marlo	N/A	N/A	HVH-8B	1997	Installed	N

7. Description of Work: Replace cooling coil and nipple

N/A

N/A

N/A

Marlo

Brass nipple

Brass Nipple

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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

N/A

N/A

HVH-8b

HVH-8B

1971

1996

Removed

Installed



N

N



FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks. 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 StampN/A
Certificate of Authorization No N/A
Signed ISI ENGINEER Date 1/C ,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 Line Apriles A Jacques Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date B 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 Name	Date:	1/6/03
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet. 1	of2
2.	Plant H B ROBINSON Name	Unit:	
		ESR# N/A	EE N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO 319052 02	CR·N/A
	Address ,	Repair Organization	on PO No,Job No,etc.
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY	Type Code Symbol Stan	np: N/A
•	Name	Authorization No :	
	3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550	Expiration Date:	
	Address		
4	Identification of System: Class:1 3	SAFETY INJECTION SYS	STEM 2080
5.	(a) Applicable Construction Code <u>B 31.1</u> Edition: <u>1967</u> Design Specificati		Code Case: <u>N/A</u> PL-HBR2-M-047
	(b) Applicable Edition of Section XI Used for Repair/Replacement	Cada Caaa	6 Addenda e: N-416-1

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 [X] Exempt [-]

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



FORM NIS-2 (Back)

Sheet 2 of 2

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
Certificate of Authorization to
Signed - 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 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 REPAIR/REPLACEMENT ACTIVITY

As Required by the Provisions of the ASME Code Section XI

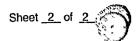
1. Ov	vner <u>CAROLINA PO</u>	WER & LIGHT CO	DMPANY	C	ate:		12/5/02	
<u>41</u>	1 FAYETTEVILLE ST., R Address	a .)2	8	iheet:	1	of	2
2. Pl	ant H.B.ROBINSON	1	• -	ι	Jnit:		2	
<u>35</u>	81 WEST Entrance RD; Address	HARTSVILLE, SC	29550_	<u>E</u>	SR#:N/A VR/WO:32 Rep	27868 01	EE:N/A CR:N/A tion PO No;Ĵob No	
	ork Performed by <u>CAROI</u> 81 <u>WEST ENTRANCE R</u> Address	Name			Authorizati	on No.:	mp: N/A N/A N/A	
4. Id	entification of System:	` Clas	s:1	R	EACTOR	COOLANT S	SYSTEM	2005
5. (a) Applicable Constructi	on Code <u>: B 31.1</u>	Edition: 1	1967 ecification:	Addenda EGR-NO		Code Case:N/A	
(1	Applicable Edition of S	Section XI Used fo	or Repair/Repla	acement Ad	ctivity: <u>199</u>	5 Edition 19 Code Ca	96 Addenda se: <u>N/A</u>	
6. ld	entification of Componen	s Repaired or Re	placed and Re	placement	Compone	nts		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	on	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
				71.2				
				<u> </u>		<u> </u>	<u> </u>	

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

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



FORM NIS-2 (Back)



Remarks: <u>See WO 327868 turnover package</u> 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 StampN/A
Certificate of Authorization No. N/A
Signed 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 Annua A Jelse Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature National Board, State, Province, and Endorsements Date Lo December , 2002



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

As Required by the Provisions of the ASME Code Section XI

	-	* V -	-
1.	Owner CAROLINA POWER & LIGHT COMPANY Name	Date:	1/6/03
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet: 1	of2
2.	Plant H B ROBINSON Name	Unit:	
		ESR#:N/A	EE N/A
	3581 WEST Entrance RD; HARTSVILLE, SC 29550	WR/WO 327947 01	CR·N/A
	Address	Repair Organiza	ation PO No;Job∂No;etc.
3	Work Performed by CAROLINA POWER & LIGHT COMPANY	Type Code Symbol St	amp:N/A
_	Name	Authorization No.:	N/A
	3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550 Address	Expiration Date:	N/A
4.	Identification of System. Class 1	CHEMICAL AND VOLU	JME CONTROL SYSTEM2060
5.	(a) Applicable Construction Code <u>B 31 1</u> Edition: 1967 Design Specificati	Addenda <u>N/A</u> on: <u>G-676241/676398</u>	Code Case <u>N/A</u>
	(b) Applicable Edition of Section XI Used for Repair/Replacemen	nt Activity: <u>1995 Edition 19</u> Code Ca	996 Addenda ise. <u>N-416-1</u>

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
_				i			

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

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





FORM NIS-2 (Back)

Sheet 2 of 2.

Remarks. <u>See WO 327927 turnover package</u>

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
Certificate of Authorization No. N/A
Signed J 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
11. 1. 7. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
Inspector's Signature Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements
Date B JANUARY , 2003
Date

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

As Required by the Provisions of the ASME Code Section XI

,		* _						
Owner	CAROLINA PO	WER & LIGHT CO Name	<u>MPANY</u>		Date:		12/11/02	
411 FA	AYETTEVILLE ST., F Address	ALEIGH, NC 2760)2		Sheet:	1	of	2
Plant_	H B ROBINSO	٧		-	Unit:		2	
<u>3581 V</u>	VEST Entrance RD;	HARTSVILLE, SC	29550	• .	ESR#:N/A WR/WO 3: Rep		CR	:N/A :N/A ob,No;etc.
	Performed by <u>CARO</u> VEST ENTRANCE F Address	Name		<u>NY</u> , ,,	Authorizati	Symbol Sta on No.: Date:		N/A N/A N/A
Identifi	cation of System:	Clas	s·1		CHEMICAL	AND VOLU	ME CONTRO	OL SYSTEM
(a)	Applicable Constructi	on Code <u>· B 31 1</u>	Edition: 1 Design Spe			a <u>·N/A</u> R2-M-019/C		
(b) A	Applicable Edition of	Section XI Used fo	r Repair/Repla	cement .	Activity: <u>199</u>		96 Addenda e: <u>N-416-1</u>	
Identifi	cation of Component	s Repaired or Rep	laced and Re	placemer	nt Compone	nts ,		
								1.00

6	dentification of Components Repaired or Replaced and Replacement Component
υ.	dentification of components nepalied of neplaced and neplacement component

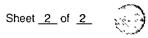
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-299M	Edwards	N/A	N/A	Valve	1971	Removed	N
CVC-299M	Edwards	JLDD (HT)	N/A	Valve	2002	Installed	N
Pipe	Ebasco	N/A	N/A	Pipe	1971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

- 7. Description of Work: Replace 3/4" valve & pipe
- ۱8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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



FORM NIS-2 (Back)



Remarks <u>See WO 327948 turnover package</u>
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 Labert HUlme 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
Commissions NB#8462(A,N,I) NC#1073 Inspector's Signalule National Board, State, Province, and Endorsements
Date



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

As Required by the Provisions of the ASME Code Section XI

	Owner	CAROLINA PO	WER & LIGHT CC	Owner CAROLINA POWER & LIGHT COMPANY					
1.	Owner	CANOLINATO	Name -	7411 7 11 7 11	<u> </u>				
	411 FA	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address				1	of2		
2.	Plant _	H.B ROBINSON	N		Unit:		2		
		Name	-	ESR#:N/A	ESR#:N/A EE:N/A				
	3581 W	/EST Entrance RD; I Address	<u>HARTSVILLE, SC</u>	WR/WO:32	29882 pair Organiza	CR:N/A ation PO No;3ob No;e	etc.		
		,			•	•			
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY Name				Authorizatı	on No.:	amp: N/A N/A	N/A	
	3581 WEST ENTRANCE RD, HARTSVILLE, SC 29550			Expiration	Date	N/A			
		Address						4005	
4.		Identification of System: Class:1 REACTOR VESSEL					1005		
5.	(a) A	pplicable Constructi	on Code: ASME	III Edition:	1965 Addend	a <u>:N/A</u>	Code Case <u>:N/A</u>		
			,		ecification: <u>CPL-HB</u>				
	(b) A	pplicable Edition of S	Section XI Used fo	r Repair/Repl	acement Activity: 199	5 Edition 19 Code Ca	996 Addenda ise: N-416-1		
			· Desciond or Do	-1 and Dr					
6	Identiti	cation of Component	ts Hepaired or He T	placed and ne	eplacement Compone	nis T	T	T T	
Name o		Name of Manufacturer	Manufacturer Senal No	National Board No.	Other Identification	Year Built	Corrected, Removed, or	ASME Code	
Compo	ient	Manulacturei .	Seliai No	Dodiuc.	IOCIAIIOALIO.		Installed	Stamp (Yes or	
				1.				No)	
· ·	1/-mt	Ebasco	N/A	N/A	3/4-RC-2501R-27	1971	Corrected	l N	
Head	Vent	EDasco	IN/A	19/7	3/4-110-2001112.	1311		<u> </u>	
			l		•	<u></u>			
		 						†	
				1	1 .	1	1	1	
		 		+	1			1	

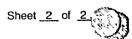
- 7. Description of Work: Repair weld at head vent coupling and removed indications from coupling base metal
- 8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

Other [PT/VT] Pressure [NOP] psig Test Temp. [NOT] °F





FORM NIS-2 (Back)



Remarks: <u>See WO 329882 turnover package</u>
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
Certificate of Authorization No N/A
Signed 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 $\frac{5/10/01}{}$ to $\frac{1/7/03}{}$ 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
Commissions NB#8462(A,N,I) NC#1073 Unspector's Signature National Board, State, Province, and Endorsements
Date 7 JANUARY , 2003





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

As Required by the Provisions of the ASME Code Section XI

Own	er <u>CAROLINA F</u>	OWER & LIGHT C	OMPANY	Date	-	1/7/03	
411	FAYETTEVILLE ST Address	RALEIGH, NC 276	502	Shee	t:1	of	2
Plan	H.B ROBINS Name					2	
_ <u>3581</u>	WEST Entrance RD Addres		C 29550	ESR WR/	#.N/A NO:331503 Repair Organiz	EE·N/A CR N/A ation PO No;Job No	
	Reformed by <u>CAR</u>	Name RD, HARTSVILLE		Auth	Code Symbol Sorization No :ation Date:	N/A	
lden	Addres _:tification of System	_	ss:2	MAIN	STEAM SYSTE		3020
(a)	Applicable Constru		Design Sp	Edition: 19 ecification: CA	\R-SH-M-30		le Case:
	Applicable Edition of				Code Ca	<u>996 Addenda</u> ase: <u>N/A</u>	
Iden	tification of Compone	ents Repaired or Re	eplaced and R	eplacement Con	nponents	- 	
me of mponent	Name of Manufacturer	Manufacturer Serial No	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
• •		l l		-	1971	Removed	N
nubber #31	PSA	17849	N/A	MS-4-4	'3''		IN
nubber #31	PSA PSA	17849 8322	N/A N/A	MS-4-4 MS-4-4	2002	Installed	N
						Installed	

- 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 2

(9)

Remarks 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 StampN/A
Certificate of Authorization No
Signed ISI ENGINEER Date (/ C ,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 $\frac{5/10/01}{}$ to $\frac{1/7/03}{}$ 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 Thatles Frage Dr. Commissions NB#8462(A,N,I) NC#1073
Inspector's Signature National Board, State, Province, and Endorsements
Date 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 PO	WER & LIGHT C	OMPANY	. D	ate:		1/3/03	
	411 FA	YETTEVILLE ST , R Address	ALEIGH, NC 276	602	s	heet:	1	of	2
2.	Plant _	H B.ROBINSOI Name	1		u	nıt:	<u> </u>	2	
~					<u>E</u>	SR#:5078	35	EE·N/A	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550					VR/WO:3	32538 01	CR N/A	
	-	Address				Rep	aır Organiza	ation PO No, Job No	etc
3.	Work P	erformed by CAROL	INA POWER & L	LIGHT COMPA	NY T	ype Code	Symbol St	amp: N/A	
	- Name -					Authorization No.: N/A			
	3581 W	EST ENTRANCE P	D; HARTSVILLE	, SC 29550	E	Authorization No.: N/A Expiration Date: N/A			
		Address							
1.	Identific	cation of System:	Cla	ss:1	CH	HEMICAL	AND VOLU	IME CONTROLS	YSTEM20
5 ´ .	.,	pplicable Construct		Design Sp	ecification.	CPL-HB	R2-M-047	Code Case <u>·N/A</u>	·
	(-, -,					-	Code Ca	se: <u>N-416-1</u>	
5.	Identific	cation of Component	ts Repaired or Re	eplaced and Re	eplacement (Compone	nts		`
lame of Componer		Name of Manufacturer	Manufacturer Senal No.	National Board No	Other Identification		Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CVC-31	0H	Ebasco	N/A	N/A	Сар		2002	Corrected	N
					-	•	 	 	
					7				_
			ļ	 	 				

- 7. Description of Work: Seal welded pipe cap
- 8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: <u>See WO 332538 01 turnover package</u>
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 StampN/A
Certificate of Authorization No N/A
Signed 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_ofHARTFORD, CONNECTICUT have inspected the components described in this Owner's
Report during the period $\frac{5/10/01}{}$ to $\frac{OI/O6/O3}{}$ 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
Commissions NB#8462(A,N,I) NC#1073 Inspector's Gignature National Board, State, Province, and Endorsements Date

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner	CAROLINA PO	WER & LIGHT CO	OMPANY	ι	Date		1/6/03	-	
	411 FA	YETTEVILLE ST., F Address	IALEIGH, NC 276	02	. (Sheet:	11	of2	2	
2.	Plant _	H B ROBINSOI	N		t	Jnit'		2		
	3581 W	/EST Entrance RD; Address	HARTSVILLE, SC	29550	- <u>1</u>	SR#·N/A NR/WO:33 Rep	34480 01° ·	EE N/A CR N/A tion PO No,Job No;		
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address					Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date: N/A				
4.	Identific	cation of System:	Clas	ss:2	s	AFETY IN.	JECTION S	YSTEM	2080	
5. `	(a) A	Applicable Construct	ion Code <u>B 31 1</u>	Edition <u>:</u> Design Sp	1967 ecification:		a <u>·N/A</u>	Code Case N/A		
		pplicable Edition of					Code Cas			
6.	Identifi	cation of Componen	ts Repaired or Re	placed and R	eplacement	Compone	nts	1	1	
Name of Compone		Name of Manufacturer	Manufacturer Senal No.	National Board No	Other Identificat	on ,	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)	
Cap so	rews	Ebasco	N/A	N/A	Flange		1971	Removed	N	
Cap so	rews	Nova/Mackson	N/A	N/A	Flange	>	1994	Installed	N	
				_	-	-		-		
								17124	•	
							_			
							1	1	1	

- 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 <u>2</u> of <u>2</u>

Remarks 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 to N/A							
Signed J Court H L ISI ENGINEER Date (C 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							
Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements							
Date B JANUARY , 2003							







As Required by the Provisions of the ASME Code Section XI

-		•					-	
•	Owner	CAROLINA PO	OWER & LIGHT C Name	OMPANY	_ Date	ə	1/6/03	
	411 FA	YETTEVILLE ST., I Address	RALEIGH, NC 276	602	She	et:1	of	2
	Plant	H B ROBINSO	N		Unit	:	2	
	3581 W	/EST Entrance RD; Address		29550_	<u>ESF</u> WR	R#·N/A /WO:334565 01 Repair Organiza	EE·N/A CR N/A tion PO No,Job No	
	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address					Type Code Symbol Stamp: N/A Authorization No: N/A Expiration Date: N/A		
	Identific	cation of System:	Cla	ss 1 .	CHE	MICAL AND VOLU	ME CONTROL SY	<u>'STEM20</u> 6
•	(a) A	pplicable Construc	tion CodeAISC	Edition <u>:</u> Design Sp		ddenda <u>:N/A</u> GR-NGGC-0355	Code Case <u>·N/A</u>	
	(b) A	pplicable Edition of	Section XI Used f	or Repair/Rep	lacement Activ	ity. <u>1995 Edition 19</u> Code Ca	996 Addenda se: <u>N/A</u>	
· · · · · · · · · · · · · · · · · · ·	Identific	cation of Componer	nts Repaired or Re	placed and Re	eplacement Co	mponents		
lame of Component		Name of Manufacturer	Manufacturer Senal No.	National Board No	Other Identification	Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
CPL-132	2/A	Ebasco	N/A	N/A	Support	1971	Removed	N
CPL-132/A		Ebasco	N/A	N/A	Support	1 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





FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A
Certificate of Authorization No
Signed — ISI ENGINEER Date
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 Commissions NB#8462(A,N,I) NC#1073 Inspector's Signature Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date B 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 PO	WER & LIGHT CO Name	<u>MPANY</u>		Date:		1/3/03		
	411 FA	YETTEVILLE ST., R Address	ALEIGH, NC 2760)2		Sheet:	1	of	2	
2.	Plant	H B ROBINSON Name	-			Unit:	-	2		
-	3581 W	<u>'EST Entrance RD; I</u> Address	HARTSVILLE, SC	29550	-		0826 034846 01 Dair Organiza		R·N/A	
3.		erformed by <u>CAROL</u> <u>EST ENTRANCE R</u> Address	Name		<u>NY</u>	Authorizati	Symbol Sta on No.: Date:		N/A N/A N/A	
1 .	Identific	cation of System:	Clas	s:1		REACTOR	COOLANT S	SYSTEM		2005
5.	` .	pplicable Constructi		Design Spe	cificatio	-				
5	Identific	cation of Component	s Repaired or Rep	olaced and Re	placeme	ent Compone	nts			
lame of Compone	nt	Name of Manufacturer	Manufacturer Senal No.	National Board No.	Other Identific	cation	Year Built	Corrected Removed Installed		ASME Code Stamp (Yes or No)
N-5		Westinghouse	N/A	N/A	N/A		1971	Remove	d	N
N-5		Swagelok	N/A	N/A	Сар		2002	Installed		N
N-12		Westinghouse	N/A	N/A	N/A		1971	Remove	d	N
N-12		Swagelok	N/A ~	·N/A	Сар		2002	Installed	-	N

- 7. Description of Work: <u>Capped N-5 and N-12 flux thimbles</u>
- 8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





FORM NIS-2 (Back)

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

Remarks: <u>See WO 334846 turnover package</u> 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 StampN/A
Certificate of Authorization No N/A
Signed + Colored H Clarisi ENGINEER Date 1/3
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 Commissions NB#8462(A,N,I) NC#1073 Inspector's Ognature National Board, State, Province, and Endorsements Date 7 TANUARY 2003
Date



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

As Required by the Provisions of the ASME Code Section XI

-									
ι.	Owner	CAROLINA PO	WER & LIGHT CO	OMPANY	Date:	<u> </u>	1/6/03		
	411 FA	YETTEVILLE ST , R Address	ALEIGH, NC 276	02	Sheet:	1	of	2	
	Plant	H B ROBINSON	· .		Unit:		2	i	
		Hamo		-	ESR#:N/	Α	EE:N/A		
	3581 W	EST Entrance RD;	HARTSVILLE, SC	29550_	WR/WO:	<u>52706</u>	CR:N/A		
	<u>500 ; , , , , , , , , , , , , , , , , , ,</u>	Address			R	epair Organiza	tion PO No;Job No	etc.	
3.	Mork D	erformed by CAROL	INA POWER & I	IGHT COMPA	NY Type Co	de Symbol Sta	amp:N/A		
٠.	VVOIKI	enomica by <u>oranor</u>	Name		Authoriza	Authorization No.: N/A			
	3581 W	EST ENTRANCE R		SC 29550	Expiratio	Expiration Date. N/A			
		Address							
l.	Identific	cation of System:	Clas	ss:1 <u>2 r-</u>	SAFETY	NJECTION S	YSTEM	2080	
5.	(a) A	pplicable Constructi	on Code: <u>B 31.1</u>	Edition: Design Spe	1967 Adden	da <u>·N/A</u> IBR2-M-019	Code Case:N/A		
-	(b) A	pplicable Edition of S	Section XI Used fo	or Repair/Repl	acement Activity: 19	995 Edition 19 Code Ca	96 Addenda se: <u>N-416-1</u>		
3 .	Identific	cation of Component	ts Repaired or Re	placed and Re	eplacement Compor	nents			
Name of Componer		Name of Manufacturer	Manufacturer Senal 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	i	Edwards	1BRB (HT)	N/A	Valve	1995	Installed	N	
Pine		Maintenance	N/A	N/A	Pipe	1993	Removed	N	

7. Description of Work: Replaced valve and pipe with a pre-fabricated assembly from stores

OA1660 (HT)

Dubose

Pipe

8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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

N/A

Pipe



N

1990

Installed

FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A
Certificate of Admorization to
Signed Signed
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of 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 Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date B January 2003

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

As Required by the Provisions of the ASME Code Section XI

Owner	CAROLINA POWER & LIGHT Name	COMPANY	Date:	1/6/03
411 FAY	YETTEVILLE ST., RALEIGH, NC 27 Address	7602	, Sheet: 1	of2
Plant	H B ROBINSON Name		Unit	2
		Ξ	ESR#:98-00564	EE·N/A
3581 W	EST Entrance RD; HARTSVILLE, S	SC 29550	WR/WO:54119	CR·N/A
	Address	-	Repair Organ	ization PO No;Job No,etc
Work Pe	erformed by CAROLINA POWER &	LIGHT COMPANY	Type Code Symbol	Stamp N/A
110/101	Name	_	Authorization No.:_	N/A
<u>3581 W</u>	EST ENTRANCE RD, HARTSVILL Address	E, SC 29550	Expiration Date:	N/A
Identific	ation of System: Cl	ass:3	EDG FUEL OIL 5	100
(a) A	pplicable Construction Code: B 31	.1 Edition: N/A Design Specification	7 (0 0 0) (0 0 <u>1 (0) 1</u>	Code Case <u>·N/A</u> 6,047,048
	oplicable Edition of Section XI Used	for Repair/Replacemen	t Activity: 1995 Edition	1996 Addenda

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 [X] Exempt [-]

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



FORM NIS-2 (Back)

Sheet 2 of 2

Remarks: <u>See ESR 01-00195 and WO 54119 turnover package.</u>

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 StampN/A							
Certificate of Authorization No. N/A							
Signed ISI ENGINEER Date 1/c ,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							
examınations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer							
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with							
this inspection. Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements							
Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements Date:							



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

As Required by the Provisions of the ASME Code Section XI

					*	•	~				
1.	Owner		WER & LIGHT O	COMPANY	Da	te:	3/7/02				
		411 FAYETTEVILI	LE ST., RALEIC	GH, NC 2760	2 Sho	eet <u>1</u>	of2_				
2.	Plant	H.B.I	ROBINSON		Un	it	2				
<u>3581</u>	WEST E	Entrance RD; HAI	RTSVILLE, SC : iress	29550	Re	ESR#: 99-0 WR/JO: 5420 pair Organiza		/A			
3.	Work I	Performed by <u>CAI</u>	ROLINA POWER &	LIGHT COM	IPANY Ty	pe Code Symb	ool Stamp	N/A			
			Name .	_	Au	Authorization No. N/					
	358	WEST ENTRANCE	RD; HARTSVIL	LE, SC 2955	50 Ex	piration Dat	:e	N/A			
4. 5. 6. Name o	(a) i (b) A	Applicable Consopplicable Edition of Co	stem: Class truction Code on of Section mponents Repa	: AISC Edit Design XI Utilize ired or Re	tion: Addenda Specificati ed for Repair	:N/A Code Ca on: EGR-NGGO s or Replace Cod eplacement Ca	ase:N/A C-0355 ements: 1986 e Case: N/A	ASME Code			
Compone	ent	Manufacturer	Serial No.	Board No.	Identificatio	Built	or Replacement	Stamp (Yes or No)			
CPL-3	28T	Ebasco	N/A	N/A	Support	1971	Repair	N			
					,						
				,	1						
					,	 					
			,	1		1		1			

- 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	2.

Remarks: 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				
Certificate of Authorization NoN/A				
Expiration Date: N/A				
Signed 1 Com H Clin ISI ENGINEER Date 3/7 , 2002				
Owner or Owner's Designee, Title				
CERTIFICATE OF INSERVICE INSPECTION				
T the magnitude below a superior of the superi				
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 0 to $3 1 02$ 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 Signature Commissions NB#8462(A,N,I) NC#1073 National Board, State, Province, and Endorsements				
Pate: 3 /// 2002				



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

	As Requ	irred by the F.	TOVISIONS	or the Abiti	code becci	OIL ILL	المباد المبادية
				ş#		2 /4 /02	
1. Owner <u>CAROLINA</u>		OWER & LIGHT (Name	COMPANY	Ľ	ate:	3/4/02	
	411 FAYETTEVII	LE ST., RALEI ddress	GH, NC 2760	<u>02</u> s	heet	1 of2	2
?. Plar	nt H.B.	ROBINSON Name		r	nit	2	
3581 WEST	Entrance RD; HA	ARTSVILLE, SC Idress	29550	I	WR/JO: 5	9-00216 EF 4207 01 4 CF nization PO No;	E: N/A R:N/A Job No;etc
3. Work	Performed by Cl	AROLINA POWER Name	& LIGHT CO	•		ymbol Stamp _	
		~		` I	Authorizati	on No.	N/A
_358	B1 WEST ENTRANCE	E RD; HARTSVIL Address	LE, SC 295	5 <u>0</u> 1	Expiration	Date	N/A -
4. Iden	cification of Sy	ystem: Class	:2 SAFETY	INJECTION	SYSTEM:	2080	
5. (a)	Applicable Cons	struction Code	: AISC Edi Desig	tion: Addend n Specificat	da:N/A Code tion: EGR-N	e Case:N/A NGGC-0355	
(b) i	Applicable Edit	ion of Section	XI Utiliz	ed for Repa	irs or Repl	lacements: 198 Code Case: N/A	6
6. Iden	tification of C	omponents Repa	ired or Re	placed and	Replacement	t Components	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	Year ion Buil		ASME Code Stamp (Yes or
		j		A 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
CPL-218/E	Grinnell	N/A	N/A	Spring Har	nger 1971	Repair	N
	1		<u> </u>				
	1	I	I		. 1	[1

- 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		o£	2
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Remarks: 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 StampN/A					
Certificate of Authorization NoN/A					
Expiration pate. N/A					
Signed A Column H Clumn 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 Commissions NB 48462 (A.N.I.) NC 41073 National Board, State, Frovince, and Endorsements					



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



As Required by the Provisions of the ASME Code Section XI

_			As nequired by t	THE FIOVISIONS	of the ASME Gode	Section XI		
1.	Owner	Owner CAROLINA POWER & LIGHT COMPANY Name			Date	Date1/6/03		
	411 FA	YETTEVILLE ST., Address		502	Sheet:_	1	of	2
2.	Plant _	H B.ROBINSO Name	ON .		-		2	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address			. WR/WC	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 Name 3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address Type Code Symbol Stamp: N/A Authorization No.: N/A Expiration Date. N/A							
4.	Identification of System: Class:2 SAFETY INJECTION SYSTEM 208						2080	
 6. 	(b) A	••	Section XI Used t	Design Sp for Repair/Rep	1967 Adde N/A	Code Ca		
Name of Compone	ent	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
					}	,	1	1

- 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





FORM NIS-2 (Back)

Sheet 2 of 2

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 StampN/A					
Certificate of Authorization No.					
Signed ISI ENGINEER Date 16 ,2003 Owner or Owner's Designee, Title					
Owner of 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 of a loss of any kind arising from or connected with					
this inspection.					
Tolongles I Locolto Commissions NB#8462(A,N,I) NC#1073					
Unspector's Signature Commissions 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

الخبيدا				<u> </u>					
•	Owner	CAROLINA PO	OWER & LIGHT CO	OMPANY	-	Date:		1/6/03	
	411 FA	YETTEVILLE ST .	RALEIGH, NC 276	02		Sheet:	1	of	2
•	Plant _	H B ROBINSO	DN			Unit:		. <u>2</u>	
	3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address				ESR#:N/A WR/WO:64 Rep	4280 01	EE·N/A CR·N/A tion PO No;Job No		
3.	Work Performed by CAROLINA POWER & LIGHT COMPANY Name				Type Code Symbol Stamp: N/A Authorization No : N/A				
	3581 W	<u>EST ENTRANCE</u> Address	RD; HARTSVILLE 3	SC 29550		Expiration	Date:	N/A	
	Identific	ation of System:_	Cla	ss:3		SERVICE V	VATER SYS	TEM	4060
•	(a) A	pplicable Construc	ction Code B 31.1	Edition_ Design Sp	1967 ecification	Addenda	a <u>·N/A</u> -MP-12	Code Case <u>·N/A</u>	
	(b) A	pplicable Edition of	Section XI Used f					96 Addenda se: <u>N/A</u>	
i.	Identific	cation of Compone	nts Repaired or Re	placed and R	eplaceme	ent Compone	nts		
ame of omponent		Name of Manufacturer	Manufacturer Senal No.	National Board No	Other Identific		Year Built	Corrected, Removed, or Installed	ASME Code Stamp (Yes or No)
SW-PM	IP-D	Johnston	JZ-6436	N/A	Pump		1971	Removed	N
SW-PN	IP-D	Johnston	GC-2706	N/A	Pump	l	1971	Installed	N
							`,		

- 7. Description of Work: Replacing Service Water Pump D with refurbished spare
- 8. Test Conducted. Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X] Exempt [-]

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





1995 Edition 1996 Addenda **SECTION XI DIVISION 1**

FORM NIS-2 (Back)

Sheet 2 of 2.



Remarks: <u>See WO 64280 01 turnover package</u>
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 Do. N/A							
Signed 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.							
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

1000		
2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		

		As Requ	ired by the P	rovisions o	of the ASM	Œ Code	Section	XI ,	
1.	Owner	CAROLINA PO	OWER & LIGHT (COMPANY		Date:		2/28/02	
		411 FAYETTEVILI	LE ST., RALEIG	GH, NC 2760)2	Sheet	1	of <u>2</u>	
2.	Plant	H.B.1	ROBINSON Name			Unit		2	
<u>3581</u>	_	Entrance RD; HA Ad Performed by <u>CA</u>	dress		MPANY	WR/ Repair Type C	ode Symbo		A No;etc.
	358	1 WEST ENTRANCE A	RD: HARTSVIL	LE, SC 295	50	Expiration DateN/A			
4. 5. 6.	(a) ;	ification of Sy Applicable Cons pplicable Editi ification of Co	truction Code	: B 31.1 Ed Design	dition:196 n Specific ed for Rep	7 Adder ation:	nda:N/A C N/A r Replace Code	ode Case:N/A ments: 1986 e Case: N/A	50
Name of Compone	Ē	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CHG-PN DAMP	MP-B-	Ebasco	N/A	N/A	Support		1971	Replaced	И
CHG-PI DAMP	MP-B-	Mackson	N/A	N/A	Support ,	ž,	2002	Replacement	N
									ļ

- 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





Sheet	2	of	2.

Remarks: See WO 77606 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A
Expiration Date. N/A
Signed 1 Low H Llu 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 NeRTH CARDLINA 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 arısing from or
connected with this inspection.
Inspector's signature Commissions National Board, State, Province, and Endorsements
Date: 3/6, 2002

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

				~	ai.	-	-		
1.	Owner	CAROLINA PO	OWER & LIGHT O	COMPANY	-	Date:		12/7/01	
		411 FAYETTEVIL		GH, NC 2760	02	Sheet _	1	_ of2	
2.	Plan	н.в.:				Unit		2	
3581	WEST_	Entrance RD; HA Ad	RTSVILLE, SC : dress	29550		WR/J	ro: 5420	0216 EE: 8 01 CR: tion PO No;J	N/A
3.	Work 1	Performed by <u>CA</u>	ROLINA POWER (Name	& LIGHT CO	-		_	ol Stamp No	
	358	1 WEST ENTRANCE A	RD; HARTSVIL ddress	LE, SC 295	50	Expirat	tion Dat	e	N/A
4.	Ident	ification of Sy	stem: Class	:2 SAFETY	INJECTION	SYSTEM		2080	
5.	(a)	Applicable Cons	truction Code		tion: Adden n Specifica				
	(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Repa	irs or		ements: 1986 e Case: N/A	
6.	Ident	ification of Co	mponents Repa	ired or Re	placed and	Replac	ement Co	mponents	
Name of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	ion	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CPL-24	14/E	Ebasco	N/A	N/A	Hanger		1971	Repair	N

		,	-	ر مع عمر		or Replacement	Yes or No)
CPL-244/E	Ebasco	N/A	N/A	Hanger	1971	Repair	N
			+				MPI
		-					

- 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

Sheet	2	of	2
Sheer	4	_ 01	4 .

Remarks: See WO 54208 turnover package.

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 StampN/A
Certificate of Authorization NoN/A
Expiration Date: N/A
Signed _ Lolu H Cla 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 <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
316/01 to 316/01 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.
CO-TILL
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

4	n	•							
1. Owner	CAROLINA PO	OWER & LIGHT (COMPANY		Date:	·	10/31/01		
_	411 FAYETTEVIL	LE ST., RALEI	GH, NC 2760	02	Sheet	1	of2		
2. Plant	н.в.	ROBINSON Name			Unit		2		
3581 WEST Entrance RD; HARTSVILLE, SC 29550 Address					ESR#: 00-00038 EE: N/A WR/JO: 52886 01 CR:N/A Repair Organization PO No;Job No;etc.				
3. Work	Performed by <u>CA</u>		& LIGHT CO	<u> IPANY</u>	туре С	Code Symb	ol Stamp1	1/A	
4		Name			Authorization No. N/A				
358	1 WEST ENTRANCE A	RD; HARTSVIL	LE, SC 295	50 -	Expira	ation Dat	e <u>1</u>	1/A	
4. Ident:	ification of Sy	stem: <u>Class</u>	:3 COMPONI	ENT_COOLIN	G WATE	R SYSTEM	4080	_	
	Applicable Cons		: ASME SECT	-	ition:	1998 Adde		Case:N/	
(b) A	pplicable Editi	on of Section	XI Utiliz	ed for Rep	airs o	r Replace Code	ements: 1986 e Case: N/A		
6. Ident	ification of Co	mponents Repa	ired or Re	placed and	Replac	cement Co	mponents		
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)	
CCW-HTX-B	Engineers &	1500 B	N/A	Channel I	Head	1971	Replaced	Y	
CCW-HTX-B	Fabricators EFCO	S25625	3063	Channel I	lead	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	
			L	,					
		<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>	

- 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



Sheet	2	of	2 .

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

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Signed 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 <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
(6) 2\(\omega) \(\omega_0\) to (2\(\omega) \(\omega_0\) and state that to the best of my knowledge and
belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any
manner for any personal injury or property damage or a loss of any kind arising from or
connected with this inspection.
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date: 12/130/ , 2001

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

1.	Owner CAROLINA POWER & LIGHT COMPANY Name					e:	10/31/01	
		411 FAYETTEVIL	LE ST., RALEIO	GH, NC 2760	She	et1_	_ of2	
2.	Plani	н.в.	ROBINSON Name		Uni	t	2	
3581	581 WEST Entrance RD; HARTSVILLE, SC 29550 Address					ESR#: 99-3 VR/JO: 5288 air Organiza		/A
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name					_	001 Stamp1	
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Expir Address					iration Dat	:e	<u>A/N</u>
4.	Ident	ification of Sy	stem: Class	:3 SERVICE	E WATER SYSTEM	400	50	
5.	(a) Applicable Construction Code: B 16.34 Edition:1981 Addenda:N/A Code Case:N/A Design Specification: N/A							
	(b) A	pplicable Editi	on of Section	XI Utilize	ed for Repairs	or Replace Cod	ements: 1986 e Case: N/A	
6.	Ident	ification of Co	mponents Repa	ired or Rep	olaced and Rep	lacement Co	omponents	
Name of Compone		Name of - Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
SW-739)	Contromatics	N/A	N/A	Valve	1971	Replaced	N

Component	Manufacturer	Serial No.	Board No.	Identification	Built	or Replacement	Stamp (Yes
				as e the			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

Sheet	2	o£	_2

Remarks: See WR 52885 and ESR 99-354 turnover packages.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration DafeN/A
Signed 1 Signed ISI ENGINEER Date: (0/3/ , 2001
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
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.
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date: 115/01 , 2001

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

	* *** **	* -			p= =q	-	
1. Owner	CAROLINA P	OWER & LIGHT (COMPANY	Date	e:	11/1/01	
	411 FAYETTEVIL	LE ST., RALEI ddress	GH, NC 276	Shee	et <u>1</u>	_ of2	
2. Plan	H.B.	ROBINSON Name		Unit		2	
3581 WEST	Entrance RD; HA Ad	RTSVILLE, SC dress	29550	<u>Y</u>		EE: N 22 01 CR:N/ ation PO No;Job	Α
3. Work	Performed by <u>CA</u>	ROLINA POWER Name	& LIGHT COI		_	NoN	
358	1 WEST ENTRANCE A	RD; HARTSVIL	LE, SC 295	50 Exp:	iration Dat	:e <u>N</u>	I/A
4. Ident	ification of Sy	stem: Class	:3 MAIN S	TEAM SYSTEM	3020		
	Applicable Cons		Design	n Specification	n: DRS 200	Rev.2	
~	pplicable Editi				Code	e Case: N/A	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
Snubber #	Grinnell	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	2
-	-		1				
	1	i	1	1	ı	1	

- 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

Sheet 2 of 2.

Remarks: See WO 127322 01 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Expiration Date N/A
Signed ISI ENGINEER Date: 1/ 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 <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
$\frac{4/11}{61}$ to $\frac{6/27}{61}$ 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.
and a supplied an accommon man and acquired of the same control of
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.
SCILL
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date: 1115 KD1 2001
Date: (\(\frac{1\(\frac{1}{1}\)}{1\(\frac{1}{1}\)}\), 2001

Piping

Dubose

APPENDIX II - MANDATORY

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

As Required by the Provisions of the ASME Code Section XI

1.	Owner	CAROLINA PO	OWER & LIGHT O	COMPANY		Date:		11/1/01	
		411 FAYETTEVILI	LE ST., RALEI Idress	GH, NC 2760)2	Sheet .	1	_ of2	
2.	Plant	н.в.1	ROBINSON Name			Unit		2	
<u>3581</u> 3.		Entrance RD; HA Add Performed by <u>CA</u>	dress	-	MPANY	WR/. Repair Type C	Organiza ode Symb	EE: N 87 01	No;etc
	_3583	l WEST ENTRANCE	RD; HARTSVIL ddress	LE, SC 295	50	Expira	tion Dat	e1	1/A
4.	Ident:	ification of Sy	stem: Class	2 CHEMIC	AL AND VOLU	ME CON	TROL SYS	TEM 20	60
5.	(a) i	Applicable Cons	truction Code	: B 31.1 Ed Design	dition:1967 n Specifica	Adden	nda:N/A C N/A	ode Case:N/A	
	(b) A	oplicable Editi	on of Section	XI Utiliz	ed for Repa	irs or	Replace Code	ements: 1986 e Case: N-416-	1
6.	Ident	ification of Co	mponents Repa	ired or Re	placed and	Replac	cement Co	mponents	
Name of Compone		Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	cion	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
CVC-3	52	Rockwell Edwards	N/A	N/A	Valve		1971	Replaced	N
CVC-3	52	Rockwell Edwards	N/A	N/A	Valve		2001	Replacement	N

7. Description of Work: Replaced valve CVC-352 by welding.

Ht#L36041

N/A

Piping (TP304)

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [X]
Other [VT-2] Pressure[NOP] psig Test Temp.[NOT] °F

N

Replacement

1994

Sheet	2	of	2

Remarks: See WO 137487 01 turnover package.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization No. N/A
Expiration Date. N/A
Signed ISI ENGINEER Date: (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 <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY OF HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
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.
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date:, 2001

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

1. Own	er <u>CAROLINA P</u>	OWER & LIGHT Name	COMPANY	. Д	ate:	11/1/01	
	411 FAYETTEVIL	<u>LE ST., RALEI</u> ddress	GH, NC 276	02 S	neet <u>1</u>	of2	
2. Pl	ant H.B.	ROBINSON Name		U	nit	2	
3581 WES	T Entrance RD; HA	RTSVILLE, SC ldress	29550	R	ESR#: 99- <u>WR/JO: 142</u> epair Organiz	00216 EE: 454 01 CR:1 cation PO No;Jo	N/A N/A b No;etc.
3. Wor	k Performed by <u>CA</u>	Name	& LIGHT CO		-	bol Stamp	
_3	581 WEST ENTRANCE	RD; HARTSVII Address	LE, SC 295	<u>50</u> E	xpiration Da	te	N/A
4. Ide	ntification of Sy	stem: <u>Class</u>	::2 SAFETY	INJECTION S	YSTEM	2080	
5. (a)	Applicable Cons	struction Code	e: AISC Edi Desig	tion: Addend n Specificat	a:N/A Code (ion: N/A	Case:N/A	
(b)	Applicable Editi	on of Section	ı XI Utiliz	ed for Repai	rs or Replac	cements: 1986 de Case: N/A	
6. Ide	entification of Co	omponents Repa	ired or Re	placed and F	eplacement (Components	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	Year on 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

Sheet 2 of 2.

Remarks: See WO 142454 01 & 142454 03 turnover package.

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 StampN/A
Certificate of Authorization NoN/A
Signed N/A Signed Signed
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period
$\frac{7/4/\phi}{}$ to $\frac{7/4/\phi}{}$ and state that to the best of my knowledge and
belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
~
By signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any
manner for any personal injury or property damage or a loss of any kind arising from or
connected with this inspection.
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date: 1(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 Name	Date:	10/	31/01
	411 FAYETTEVILLE ST., RALEIGH, NC 27602 Address	Sheet	<u>1</u> of	2
2.	Plant H.B.ROBINSON Name	Unit	2	
3581	WEST Entrance RD; HARTSVILLE, SC 29550 Address	WR/JO:	142647 01	EE: N/A CR:N/A PO No;Job No;etc
3.	Work Performed by <u>CAROLINA POWER & LIGHT COMPANY</u> Name		Symbol St	
	3581 WEST ENTRANCE RD; HARTSVILLE, SC 29550 Address	Expiratio	n Date	N/A_
4.	Identification of System: Class:1 REACTOR COOLANT	SYSTEM	2005	
5.	(a) Applicable Construction Code: AISC Edition: Adde Design Specific	enda:N/A Co ation: EGR	de Case:N -NGGC-0355	/A 5
	(b) Applicable Edition of Section XI Utilized for Rep	airs or Re	placements Code Case	s: 1986 e: N/A

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamp (Yes or No)
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

Identification of Components Repaired or Replaced and Replacement Components

7. Description of Work: Modified supports 3-RC-117, 3-RC-127 and 3-RC-116.

N/A

8. Test Conducted: Hydrostatic [-] Pneumatic [-] Nominal Operating Pressure [-]
Other [VT-3] Pressure[N/A] psig Test Temp.[N/A] °F

CPL-143/S1-WS

2001

Replacement





3-RC-127

Maintenance

N/A

Sheet	 o£	2.

Remarks: See WO 142647 01 turnover package, Removed U-bolt only for support 3-RC-116, no VT-3 required.

CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this Replacement conforms to the
rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Certificate of Authorization NoN/A
Signed Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and
Pressure Vessel Inspectors and the State or Province of <u>Vermont</u> and employed by
THE HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY of HARTFORD, CONNECTICUT
have inspected the components described in this Owner's Report during the period $\frac{5/7/\varpi t}{to \frac{7/18/\varpi t}{to and state}}$ and state that to the best of my knowledge and
belief, the Owner has performed examinations and taken corrective measures described in
this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector or his employer makes any warranty,
expressed or implied, concerning the examinations and corrective measures described in this
Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any
manner for any personal injury or property damage or a loss of any kind arising from or
connected with this inspection.
Commissions VT 745 A,N,I Inspector's Signature National Board, State, Province, and Endorsements
Date: 1/15/01, 2001

TAB G

EXAMINATION PERCENTAGE SUMMARY

CLASS 1 SUMMARY TABLE

	TOTAL	MINIMUM	NUMBER	INTERVAL	NUMBER SCHEDULED/COMPLETED		
CATEGORY	NUMBER OF COMPONENTS	NUMBER REQUIRED	COMPLETED	PERCENT COMPLETE	1 ST PERIOD	2 ND PERIOD	3 RD 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
В-К	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

	TOTAL	MINIMUM	INTERVAL	INTERVAL	# SCHEDULED/COMPLETED		
CATEGORY	NUMBER OF COMPONENTS	NUMBËR REQUIRED	NUMBER COMPLETED	PERCENT COMPLETE	1 ST PERIOD	2 ND PERIOD	3 RD 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