INSERVICE INSPECTION SUMMARY

8th Refueling Outage

Completed 11/28/98

Carolina Power & Light Company P.O. Box 1551 Raleigh, North Carolina 27602

Shearon Harris Nuclear Power Plant - Unit 1 5413 Shearon Harris Road New Hill, North Carolina 27562

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A047%

Commercial Operation May 2, 1987

9903050133 990216 PDR ADDCK 05000400



50-400 9903050133 2/16/99

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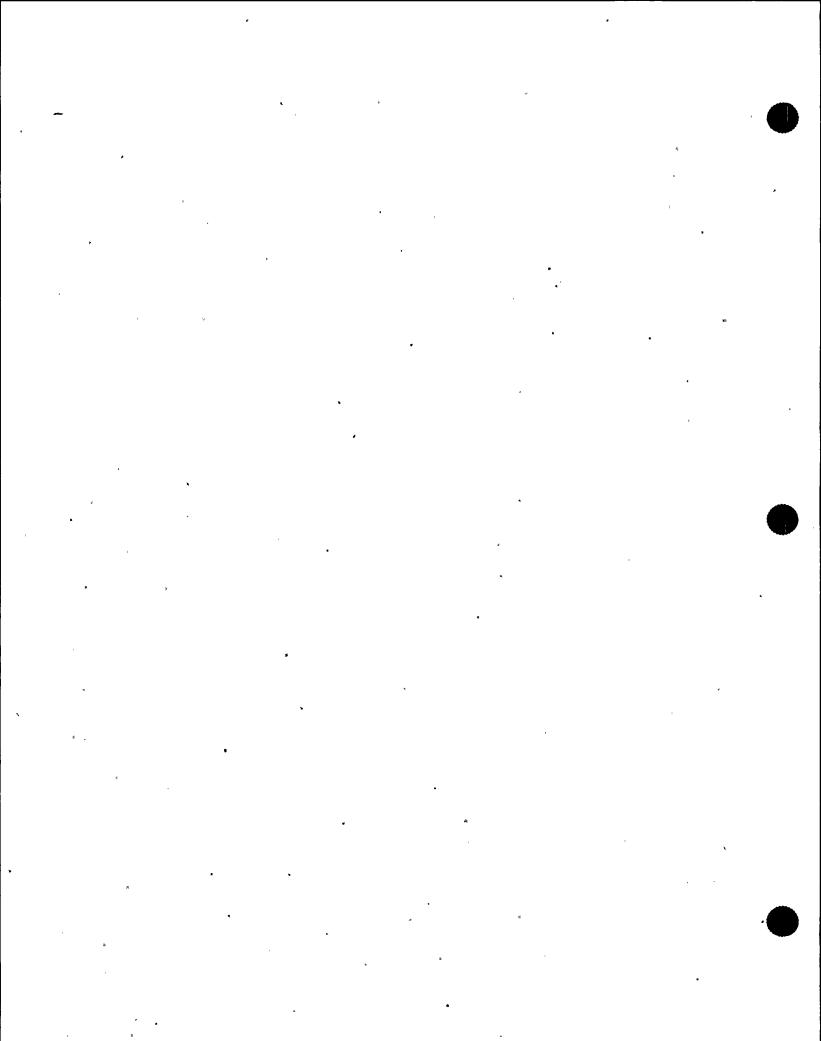
Shearon Harris Nuclear Power Plant - Unit 1 5413 Shearon Harris Road New Hill, North Carolina 27562

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SECTION 1

Summary



Summary

The Harris Nuclear Power Plant, Unit-1, Ten Year Inservice Inspection Plan was developed to 10CFR50.55 a (g) which implemented, by reference, the ASME Boiler and Pressure Vessel Code 1989 Edition with no Addenda.

The following Summary Report is being submitted pursuant to the reporting requirements of Section XI, Article IWA-6220 (c). This Summary Report contains the following:

- (1) refueling outage number (when applicable); (See Section 1)
- (2) Owner's Report for Inservice Inspections, Form NIS-1, as shown in Appendix II of Section XI.
 (See Sections 2, 3 and 4)
- (3) Owner's Report for Repair or Replacements, Form NIS-2, as shown in Appendix II of Section XI.

 (See Section 5)

Plans, schedules, records, and summary reports shall have a cover sheet providing the following information: (See Inservice Inspection Cover Page)

- (1) date of document completion
- (2) name and address of Owner
- (3) name and address of generating plant
- (4) name or number designation of the unit
- (5) commercial service date for the unit

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The Summary Report contains examinations performed on selected Class 1 and 2 piping, components and their supports at Harris Nuclear Plant from 6/10/97 through 11/28/98. The RFO8 examinations were performed during the first period in the second inspection interval. The typical designation for this time duration is 2-1-08, (Second Interval, First Period, Eighth Refueling Outage).

The components selected for weld examination were from the Second Interval Ten Year Inservice Inspection Plan. The components selected for examination consisted of piping welds, vessel welds, component supports and integral attachments. Nondestructive examinations were performed using Magnetic Particle (MT), Liquid Penetrant (PT), Ultrasonic (UT), Eddy Current (ET), and Visual (VT) methods. Performance Demonstration Initiative (PDI) ultrasonic examination techniques were utilized where practicable. No rejectable indications were noted. Indications identified during examinations were evaluated and documented as applicable on each specific weld examination data report. Code Case N-460 was invoked where components achieved >90%, but less than 100% code coverage. Relief Requests will be submitted for components that did not achieve >90% code coverage.

A sample of Safety Injection welds were ultrasonically examined per plant procedure TMM-133 SI Thermal Stratification Monitoring Program. This program monitors welds for thermal cracking where potential thermal stratification is suspected. No rejectable indications were noted.

Personnel performing the ISI examinations used CP&L isometrics in conjunction with tagged valves, component supports, points of connection; ie. Vessel and wall/floor penetrations and floor elevations to locate and identify components subject to examination. Permanent component identification reference points were established and marked on the component in accordance with ASME Section XI, Article III-4000 during PSI. The ISI isometrics that were used to aid in locating the appropriate weld examination locations are listed in the Post Outage Examination Results Report. Specific copies of the ISI isometrics are available upon request. The NDE Vendor and CP&L supplied examination equipment, procedures and calibration standards.

Twenty nine ASME Section XI Component/Equipment Supports were examined during RFO8 with one failure noted. The failure was due to misalignment. A Work Ticket was initiated and corrective measures taken for resolution. The one failure constituted a scope expansion of 5 additional component support examinations. No additional failures were noted.

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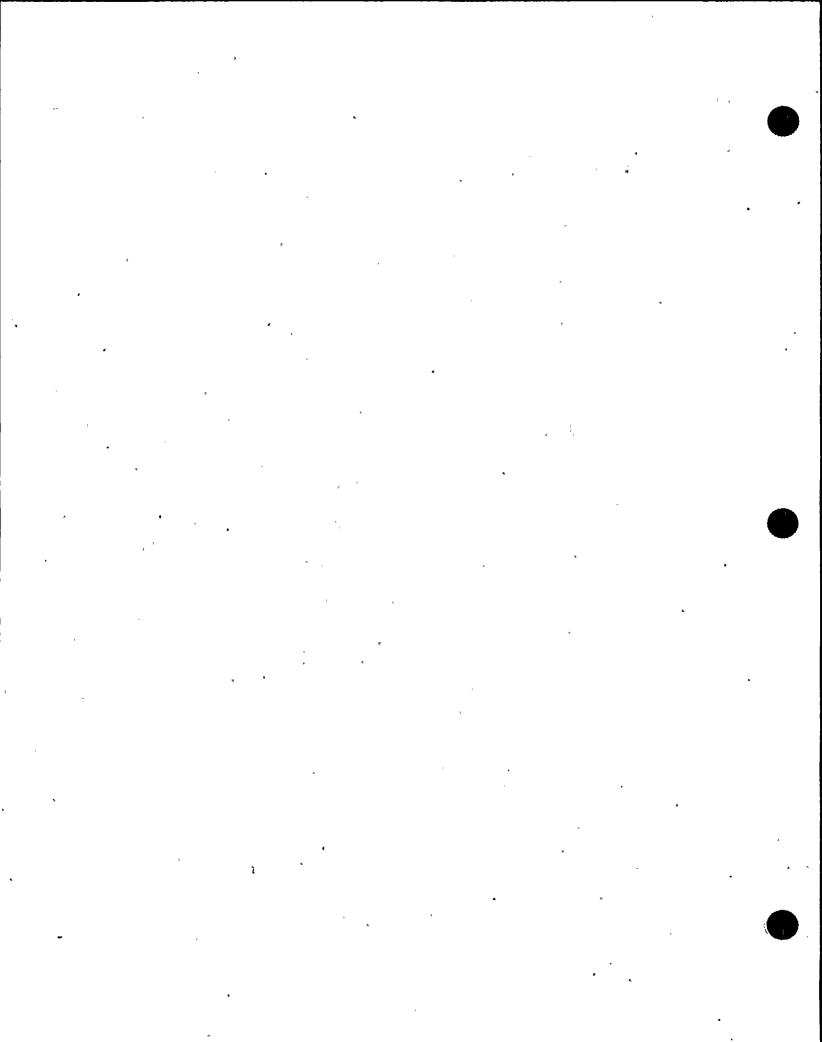
An extensive inspection was performed on the Harris Steam Generator tubes during RFO8 by ABB/CE. The following inspections were performed:

- 1) 100% of all tubes with bobbin coil eddy current testing
- 2) 100% of all tubes with Plus Point rotating coil (RC) eddy current testing at the hot leg top-of-tube sheet
- 3) A sample of hot leg dents, manufacturing buff marks and other benign indications with Plus Point
- 4) A 20% sample of tubes with Plus Point in the tight radii U-bends rows 1 through 3 and, 5.
- 5) A 20% sample of the pre-heater expanded tubes in SG "B". A total of 72 tubes were plugged as a result of tube degradation. No sample expansions were required.

A Class 1 Pressure Test was performed during RFO8 in accordance with ASME Section XI, IWB-5000. Code Case N-416-1 and N-533 was invoked. Code Case N-416-1 allows implementation of a system leakage test in lieu of the system hydrostatic test. Code Case N-533 allows removal of insulation at bolted connections to be performed when the system is not under pressure. All points of leakage were identified and corrective measures taken to achieve an acceptable condition. The Class 1 Pressure Test record and supporting documentation is on file at the site and will be made available for review upon request.

An RFO8 Inservice Inspection Outage Report was compiled in support of the Summary Report. This Report is filed on site and its entirety or portions thereof are available for review upon request. The Inservice Inspection Outage Report contains the following pertinent information:

- [Section 1] NDE Examination Data Reports
- [Section 2] NDE Examination Procedures
- [Section 3] Procedure Qualification Records
- [Section 4] NDE Personnel Certifications
- [Section 5] Training Information
- [Section 6] NDE Calibration Blocks
- [Section 7] Equipment
- [Section 8] Materials
- [Section 9] Relief Request
- [Section 10] Isometric Drawings
- [Section 11] RFO8 Miscellaneous Information



SECTION 2

NIS-1 FORM, REPORT OF INSERVICE INSPECTIONS

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

1. Owner_		ny,P.O. Box 1551, Raleigh, N.C. 27602 nd Address of Owner)
2. Plant	•	aron Harris Rd. , New Hill, N.C. 27562
		and Address of Plant)
3. Plant Un	nit <u>One (1)</u> 4. Owner	Certificate of Authorization (if required)N/A
5. Comme	rcial Service Date <u>5/2/87</u>	6. National Board Number for Unit 65

7. Systems/Components Inspected (See Systems listed below and Section 3	& 4))
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Component or Appurtenance	Manufacturer or installer	Manufacturer or installer Serial No.	State or Province No.	National Board No.
Reactor Vessel	Chicago Bridge & Iron	T40	NC21241	4
Auxiliary Feedwater	CP&L	AF	N/A	49
Blowdown	CP&L	BD	N/A	44
Chemical & Volume Control	CP&L	CS	N/A	48
Containment Spray	CP&L	СТ	N/A	63
Feedwater	CP&L	FW	N/A	54
Main Steam	CP&L	MS	N/A	59
Reactor Coolant	CP&L	RC	N/A	55
Residual Heat Removal	CP&L	RHR	N/A	38
Steam Generator - A	Westinghouse	1631	NC20304	W11304
Steam Generator - B	Westinghouse	1632	NC20304	W11309
Steam Generator -C	Westinghouse	1633	NC20304	W11307
Pressurizer	Westinghouse	1641	NC21240	W11306
Safety Injection	CP&L	SI	N/A	46
Service Water	CP&L	SW	N/A	64
RHR Heat Exchanger - 1A-SA	Joseph Oat Corp.	2168-1B7	NC20302	740
Chilled Water Supply	CP&L	CH	N/A	57
Fire Protection	CP&L	. FP	N/A	53
Nitrogen	CP&L	Ni	N/A	32
Cont. Spray Pump 1A-SA	IRC	107821	N/A	491

FORM NIS-1 (Back)

8. Examination Dates 6/10/97 to 11/28/98 9. Inspection Interval from 2/2/98 to 5/1/07
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (See Sections 3 & 4)
11. Abstract of Conditions Noted (See Sections 3 & 4)
12. Abstract of Corrective Measures Recommended and Taken. (See Sections 3, 4 & 5)
••
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
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A Date Feb 15 19 99 Signed CP&L By Mah a Fg-
•
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 Stm. Bir. Insp. and Ins. Co. of Hartford, CT. have inspected the components described in this Owner's Report during the period 6/10/97 to 11/28/98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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. Commissions NC1042 Inspector's Signature National Board, State, Province, and Endorsements Date Feb 15 1999

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

1. Owner <u>Carolina Power & Lig</u>	ht Company, P.O. Box 1551, Raleigh, N.C. 27602	
	(Name and Address of Owner)	1
2. Plant Harris Nuclear Plant,	5413Shearon Harris Rd. , New Hill, N.C. 27562	
	(Name and Address of Plant)	
3. Plant Unit One (1)	4. Owner Certificate of Authorization (if required) N/A	-
5. Commercial Service Date 5/2/8	6. National Board Number for Unit 65	
7 Systems/Commonants Inchests	ed (Con Creatern listed below and Continu 0 0 4)	

7. Systems/Components Inspected (See Systems listed below and Section 3 & 4)

Component or Appurtenance	Manufacturer or Installer	Manufacturer or Installer Serial No.	State or Province No.	National Board No.
Component Cooling Water	CP&L	ccw	N/A	51
Screen Wash	CP&L	sc	N/A	27
RCP 1A-SA	Westinghouse	1-115E111G01	N/A	16
CSIP - A	Pacific Pumps	49181	N/A	74
RHR PUMP -1A-SA	Ingersoll - Rand	067474	N/A	196
RHR PUMP COOLER 1A-SA	AMT	78238	N/A	10331
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FORM NIS-1 (Back)

8. Examination Dates 6/10/97 to 11/28/98 9. Inspection Interval from 2/2/98 to 5/1/07
10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. (See Sections 3 & 4)
11. Abstract of Conditions Noted (See Sections 3 & 4)
12. Abstract of Corrective Measures Recommended and Taken. (See Sections 3, 4 & 5)
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
Certificate of Authorization No. (if applicable) N/A Expiration Date N/A Date Feb. 15 19 99 Signed CP&L By Mwh a Pro-
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e e e e e e e e e e e e e e e e e e e
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>North Carolina</u> and employed by <u>Hartford Stm.</u> Bir. Insp. and Ins. Co.of <u>Hartford, CT.</u> have inspected the components
described in this Owner's Report during the period 6/10/97 to 11/28/98 and
state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the
ASME Code, Section XI.
By signing this certificate neither the Inspector 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.
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Inspector's Signature Commissions NC1042 National Board, State, Province, and Endorsements
Date <u>FEb 15</u> 19 99

SECTION 3

POST OUTAGE EXAMINATION RESULTS REPORT

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REFUELING OUTAGE 8 ISI EXAMINATION RESULTS

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
			•							
II-AF-006AF-01-FW-3	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/14/98		PASS	Baseline	
II-AF-006AF-FW-252	FSAR	6.6.8B	B04-02	VOL.	. UT-45S	11/16/98	•	PASS	Baseline	
II-AF-008AF-02-FW-15	C-F-2	C5.51	89-02	VOL	UT-45S	11/9/98		PASS	Baseline	
II-AF-008AF-02-FW-15	C-F-2	C5.51	89-02	SUR	PT	11/9/98		PASS	Baseline	
II-AF-008AF-FW-442	C-F-2 .	C5.51	89-02	VOL	. UT-45S	11/9/98		PASS	Baseline	
II-AF-008AF-FW-442	C-F-2	C5.51	89-02	SUR	PT	11/9/98	*	PASS	Baseline	
II-AF-009AF-01-FW-20	C-F-2	C5.51	89-02	SUR	PT	11/13/98		PASS	Baseline	
II-AF-009AF-01-FW-20	C-F-2	C5.51	89-02	VOL	UT-45S	11/13/98		PASS	Baseline	
II-AF-009AF-01-FW-40	C-F-2	C5.51	89-02	SUR .	PT	. 11/12/98		PASS	Baseline	
II-AF-009AF-01-FW-40	C-F-2	C5.51	89-02	VOL.	UT-45S	11/14/98		PASS	Baseline	
II-AF-009AF-FW-432	C-F-2	C5.51	89-02	VOL	UT-45S	11/6/98		PASS	Baseline	
II-AF-009AF-FW-432	C-F-2	C5.51	89-02	SUR	мт	11/6/98		PASS	Baseline	
II-AF-010AF-02-FW-37	C-F-2	C5.51	89-02	VOL	UT-45S	11/14/98		PASS	Baseline	
II-AF-010AF-02-FW-37	C-F-2	C5.51	89-02	. SUR	мт	11/12/98		- PASS	Baseline	
II-AF-010AF-FW-451	C-F-2	C5.51	89-02	VOL	UT-45S	11/4/98		PASS	Baseline	
II-AF-010AF-FW-451	.C-F-2	C5.51	89-02	SUR	PT	11/3/98		PASS	Baseline	* -
II-BD-010BD-F5SN-MW-1	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results (Comments	Limited
							,			
II-BD-010BD-FW-310	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	
II-BD-010BD-FW-311	FSAR	6.6.8E	B07-02	SUR	MT	11/14/98	Y	PASS	NRI	
II-BD-010BD-SW-A3	FSAR -	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	-
II-BD-010BD-SW-A4	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	
II-BD-010BD-SW-A5	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Υ	PASS	NRI	
II-BD-010BD-SW-A6	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Υ	PASS	NRI	
II-BD-011BD-F6SN-MW-1	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	
II-BD-011BD-FW-231	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	•
II-BD-011BD-FW-304	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	
II-BD-011BD-FW-305	FSAR	6.6.8E	B07-02	SUR	MT	11/14/98		PASS	70% COMF	P. YES
II-BD-011BD-H-0513I(4)	FSAR	6.6.8F	B07-02	SUR.	MT	11/5/98	Y	PASS	NRI	
II-BD-011BD-SW-A3	FSAR	6.6.8E	B07-02	SUR	MT	11/13/98	Y	PASS	NRI	-
II-BD-011BD-SW-A4	FSAR	6.6.8E	B07-02	SUR	MT	11/13/98	Y	PASS	NRI	
II-BD-011BD-SW-A5	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	
II-BD-011BD-SW-A6	FSAR	6.6.8E	B07-02	SUR	MT	11/5/98	Y	PASS	NRI	-
II-CS-001CS-FW-150	SER	250.18	B03-02	SUR	PT	10/19/98	Y	PASS	NI	
II-CS-001CS-FW-191	SER	250.18	B03-02	SUR	PT	10/19/98	Y	PASS	NI	
II-CS-001CS-SW-D4	SER	250.18	B03-02	SUR	PT	10/19/98	Y	PASS	NI	
II-CS-001CT-FW-100	SER	250.18	B03-02	SUR	PT	10/23/98	Y	PASS	NRI	
				· ·						

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results Con	nments	Limited
II-CS-001CT-FW-100A	SER	250.1S	B03-02	SUR	PT	10/23/98	Υ	PASS N	II	
II-CS-002RH-FW-70	SER	250.1S	B03-02	SUR	PT	10/19/98	Ÿ	PASS N	II	
II-CS-002RH-FW-70A	SER	250.1S	B03-02	SUR	PT	10/19/98	Y	PASS N	IRI	
II-CS-002RH-FW-70ALA	SER	250.1S	B03-02	SUR	PT	10/19/98	Y	PASS N	IRI	
II-CS-002RH-FW-70ALB	SER	250.18	B03-02	SUR	PT [*]	10/19/98	Y	PASS N	IRI	
II-CS-002RH-FW-70LA	SER	250.1S	B03-02	SUR	PT	10/19/98	Υ	PASS N	11 -	
II-CS-002RH-FW-82	SER	250.1S	B03-02	SUR	PT	10/19/98	Υ	PASS N	lt.	
II-CS-002RH-FW-82A	SER	250.1S	B03-02	SUR	PT	10/19/98	Y	PASS N	II	
II-CS-002RH-SW-E5	SER	250.18	B03-02 =	SUR	PT	10/20/98	Υ	PASS N	IRI	
II-CS-002RH-SW-E6	SER	250.18	B03-02	SUR	PT	10/20/98	Υ	PASS N	IRI	
II-CS-002RH-SW-G3	SER	250.1\$	B03-02	SUR	PT	10/19/98	Υ	PASS N	ıı	
II-CS-002RH-SW-G3A	SER	250.1S	B03-02	SUR	PT	10/19/98	Y	PASS N	II	
II-CS-006CS-144-1-SW-1	C-F-1	C5.21	89-02	SUR	PT	10/23/98	Υ	PASS N	li .	
II-CS-006CS-144-1-SW-1	C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Υ	PASS N	IRI/GI	
II-CS-006CS-FW-128	C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Y	PASS N	RI/GI	
II-CS-006CS-FW-128	C-F-1	C5.21	89-02	SUR	PT	10/22/98	Υ	PASS N	l i	
II-CS-006CS-SW-A6	C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Υ	PASS N	IRI/GI	
II-CS-006CS-SW-A6	C-F-1	C5.21	89-02	SUR	PT	10/23/98	Υ	PASS N	II	
II-CS-006CS-SW-J3	C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Y	PASS N	IRI/GI	

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Component ID	Category	Item No.	Exam Req	Exam Meth	m Meth Exam Type		Credit	Results Comments		Limited
			•	to the	x.				-	
I-CS-006CS-SW-J3	C-F-1	C5.21	89-02	SUR	PT	10/22/98	Y	PASS	NI	
I-CS-007CS-SW-C5	C-F-1	C5.21	89-02	VOL	*UT-45S	10/23/98	Y	PASS	NRI/GI	
-CS-007CS-SW-C5	C-F-1	C5.21	89-02	SUR	_PT	10/22/98	Y	PASS	NI	
I-CS-007CS-SW-C6	C-F-1	C5.21	89-02	SUR	PT	10/22/98	Y	PASS	NI	
-CS-007CS-SW-C6	. C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Y	PASS	NRVGI	
-CS-007SI-FW-25	C-F-1	C5.21	89-02	VOL	UT-45S	10/23/98	Υ	PASS	NRI/GI	
-CS-007SI-FW-25	C-F-1	C5.21	89-02	SUR	PT	10/22/98	Υ	PASS	NI	
-CS-021CS-FW-213	SER	250.1S	B03-02	SUR	PT	11/13/98	Y	PASS	NRI	
-CS-088CS-545-F-01 (4)	B-G-2	B7.50	89-02	SUR	VT-1	11/7/98	Y	PASS	NI	
I-CS-088CS-SW-A3	B-J	B9.21	74\$75/89-0	SUR	PT	11/6/98	Υ	PASS	NRI	
	B-J	B9.21	74875/89-0	SUR	PT	11/6/98	Y	PASS	NRI	
-CS-088CS-SW-A5	B-J	B9.21	74\$75/89-0	SUR	PT	11/6/98	Υ	PASS	NRI	-
-CS-088CS-SW-A6	B-J	B9.21	74\$75/89-0	SUR	PT	11/6/98	Y	PASS	NRI	
-CS-094RC-FW-442	AUG	88-08	B09-02	VOL	UT-70	11/14/98		PASS	NRI	
-CS-094RC-FW-442	AUG	88-08	B03-02	VOL	UT-45S	11/14/98		PASS"	NRI	
-CS-094RC-FW-442	в-Ј	B9.21	74\$75/89-0	SUR	PT	11/14/98	Y	PASS	NRI	
-CS-094RC-FW-445	B√J	B9.21	74S75/89-0	SUR	PT -	11/7/98	Υ	PASS	· NRI	
- -CS-094RC-SW-A3	B-J	B9.21	74875/89-0	SUR	PT	11/7/98	Y	PASS	NRI	
-CS-094RC-SW-A4	AUG	88-08	B09-02	VOL	UT-45S	11/14/98		PASS	NRI	

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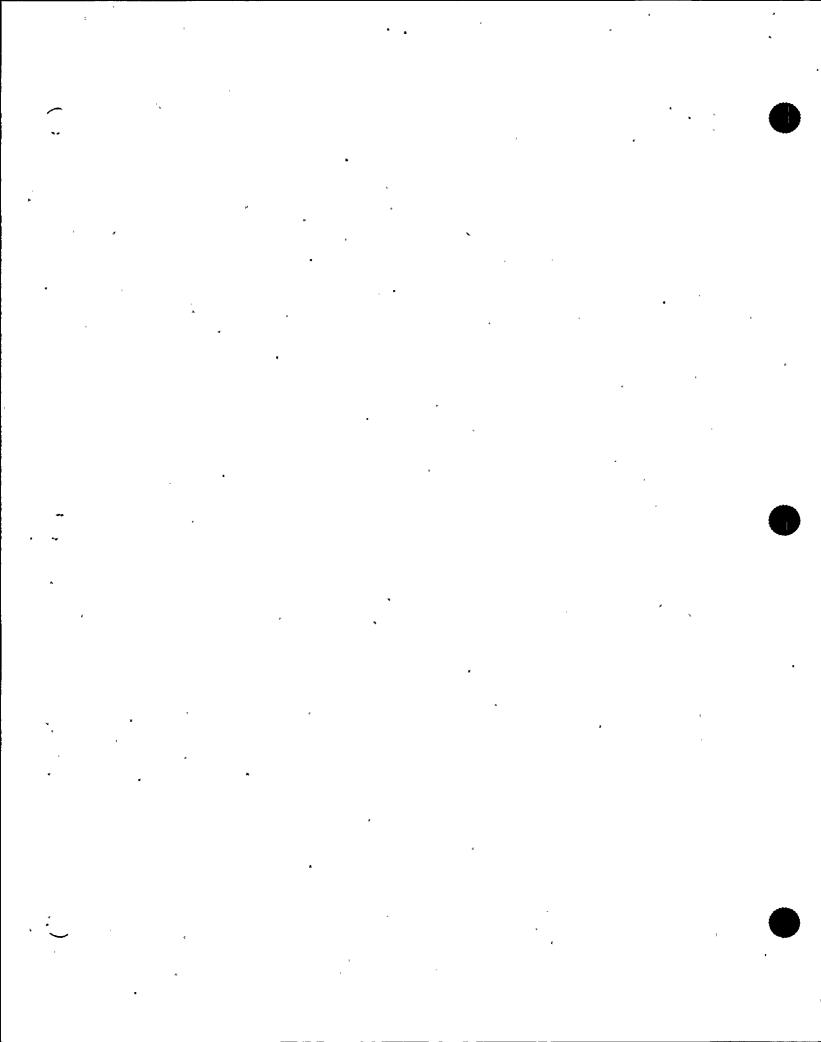
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Component ID	nent ID Category Item No. Exam		Exam Req	Exam Req Exam Meth Exam Type E			Credit	Results Con	nments	Limited
				-			4.			
II-CS-094RC-SW-A4	В√Ј	B9.21	74\$75/89-0	SUR	PT	11/7/98	Y	PASS I	NRI	•
II-CS-106RC-FW-345	В√Ј	B9.40	74875/89-0	SUR	PT	11/6/98	Y	PASS J	NRI	
II-CT-001CT-FW-1	SER	250.1V	B03-02	VOL	UT-45S	10/21/98	Y	PASS I	NRI/GI	
II-CT-001CT-FW-1	SER	250.18	B03-02	SUR	PT	10/20/98	Υ	PASS I	RIVACC	
II-CT-001CT-FW-1A	SER	250.1S	B03-02	SUR	PT	10/20/98	Υ	PASS 1	NRI	
II-CT-001CT-FW-1A	SER	250.1V	B03-02	VOL	UT-45S	10/21/98	Υ	PASS 1	NRI/GI	
II-CT-001CT-SW-A3	SER	250.1S	B03-02	SUR	PT	10/20/98	Y	PASS 1	NRI	
II-CT-001CT-SW-A3	SER	250.1V	B03-02	VOL	UT-45S	10/21/98	Υ	PASS I	NRI/GI	
II-CT-001CT-SW-A3A	SER .	250.1V	B03-02	VOL	UT-45S	10/21/98	Y	PASS I	NRI/GI	
II-CT-001CT-SW-A3A	SER	250.1S	B03-02	SUR	PT	10/20/98	Υ	PASS I	NRI	
II-CT-002CT-1-3-SW-4	SER	250.1S	B03-02	SUR	PT	10/20/98	Υ	PASS I	NRI	
II-CT-002CT-SW-A4	SER	250.1S	B03-02	SUR	PT	10/20/98	Y	PASS I	NRI	
II-CT-002CT-SW-A4	SER	250.1V	B03-02	VOL	UT-45S	10/22/98	Υ	PASS I	NRI/GI	
II-CT-002CT-SW-A4A	SER	250.1V	B03-02	VOL	UT-45S	10/22/98	Y	PASS I	NRI/GI	
II-CT-002CT-SW-A4A	SER	250.18	B03-02	SUR	PT	10/20/98	Y	PASS I	VI	
II-CT-002CT-SW-A5	SER	250.1V	B03-02	VOL	UT-45S	10/21/98	Υ	PASS I	NRI/GI	,
II-CT-002CT-SW-A5	SER	250.18	B03-02	SUR	PT ·	10/20/98	Y	PASS I	NRI	
II-CT-002CT-SW-A5A	SER	250.1V	B03-02	VOL	UT-45S	10/21/98	Y	PASS I	NRI/GI	•
II-CT-002CT-SW-A5A	SER	250.1S	B03-02	SUR	PT	10/20/98	Y	PASS I	NI.	

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results (Comments Limited
II-CT-007CT-11-FW-33	C-F-1	C5.11	89-02	VOL	UT-45S	11/4/98	Υ `	PASS	NRI 90.38% YES
II-CT-007CT-11-FW-33	C-F-1	C5.11	89-02	SUR	PT	10/31/98	Y	PASS	NRI
II-CT-007CT-11-FW-33LA	C-F-1 .	C5.12	89-02	VOL	UT-45S	11/4/98	Y	PASS	NRI *
II-CT-007CT-11-FW-33LA	C-F-1	C5.12	89-02	SUR	PT	10/31/98	Y	PASS	NRI .
II-CT-007CT-FW-32	C-F-1	C5.11	89-02	SUR	PT.	10/31/98	Y	PASS	NRI
II-CT-007CT-FW-32	C-F-1	C5.11	89-02	VOL	UT-45S	11/3/98	Y	PASS	NRI 91.60% YES
II-CT-007CT-FW-32A	C-F-1	C5.12	89-02	VOL	UT-45S	11/3/98	Υ	PASS	NRI
II-CT-007CT-FW-32A	C-F-1	C5.12	89-02	SUR	PT	10/31/98	Y	PASS	NRI
II-CT-008CT-FW-39	C-F-1	C5.11	89-02	SUR	.PT	11/2/98		PASS	NRI
II-CT-008CT-FW-39	C-F-1	C5.11	89-02	VOL	UT-45S	11/2/98		. PASS	NRI 88.64% YES
II-CT-008CT-FW-39A	C-F-1	C5.12	89-02	SUR	PT	11/2/98	•	PASS	NRI
II-CT-008CT-FW-39A	C-F-1	C5.12	89-02	VOL	UT-45S	11/2/98		PASS	NRI
II-CT-008CT-SW-F6	C-F-1	C5.11	89-02	VOL	UT-45S	10/28/98	Υ	PASS	NRI/GI
II-CT-008CT-SW-F6	C-F-1	C5.11	89-02	SUR	PT	10/28/98	Υ	PASS	NRI
II-CT-008CT-SW-F6A	C-F-1	C5.12	89-02	SUR	PT	10/28/98	Y	PASS	NI
II-CT-008CT-SW-F6A	C-F-1	C5.12	89-02 .	VOL	UT-45S	10/28/98	Y	PASS	NRI
II-CT-008CT-SW-J28	C-F-1	C5.11	89-02	SUR	PT	10/21/98		PASS	NRI
II-CT-008CT-SW-J28A	C-F-1	C5.11	89-02	sur _,	PT	10/21/98		PASS	NRI
II-CT-008CT-SW-J4	C-F-1	C5.11	89-02	SUR	PT	10/21/98	Y	PASS	NRI



II-CT-008CT-SW-J4	Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results C	omments	Limited
II-CT-008CT-SW-J4A											
II-CT-008CT-SW-J4A	II-CT-008CT-SW-J4	C-F-1	C5.11	89-02	VOL	UT-45S	10/23/98	Y	PASS	NRI	
II-CT-008CT-SW-J4B	II-CT-008CT-SW-J4A	C-F-1	C5.12	89-02	SUR	PT	10/21/98	Y	PASS -	NRI	
II-CT-008CT-SW-J4B	II-CT-008CT-SW-J4A	C-F-1	C5.12	89-02	VOL	UT-45S	10/23/98	Y	PASS	NRI	
II-CT-016CT-SW-D3	II-CT-008CT-SW-J4B	C-F-1	C5.12	89-02	SUR	PT	10/21/98	Y	PASS	NRI	
II-CT-016CT-SW-D3 SER 250.1S B03-02 SUR PT 11/6/98 Y PASS NRI II-CT-016CT-SW-D4 SER 250.1S B03-02 SUR PT 11/6/98 Y PASS NRI II-CT-016CT-SW-D4 SER 250.1V B03-02 VOL UT-45S 11/7/98 Y PASS NRI/GI II-CTP-01CTP-A-A1 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI II-CTP-01CTP-A-A2 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI II-CTP-01CTP-A-A3 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI II-CTP-01CTP-A-A3 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI II-CTP-01CTP-A-A3 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI II-CTP-01CTP-A-A3 C-C C3.30 89-02 SUR PT 10/23/98 Y PASS NRI 98.6% YES II-FMR-01MS-FW-293 C-F-2 C5.51 89-02 VOL UT-45S 11/2/98 Y PASS NRI/GI C-C C3.50 NRI/GI C-C C5.51 89-02 VOL UT-45S 11/2/98 Y PASS NRI/GI C-C C5.51 89-02 VOL UT-45S 11/2/98 Y PASS NRI/GI C-C C5.51	II-CT-008CT-SW-J4B	C-F-1	C5.12	89-02	VOL	UT-45S	10/21/98	Y	PASS	NRI	
II-CT-016CT-SW-D4	II-CT-016CT-SW-D3	SER	250.1V	B03-02	VOL	UT-45S	11/7/98	Y	PASS	NRI/GI	
II-CT-016CT-SW-D4	II-CT-016CT-SW-D3	SER	250.18	B03-02	SUR	PT	11/6/98	Y	PASS	NRI	
II-CTP-01CTP-A-A1	II-CT-016CT-SW-D4	SER	250.1S	B03-02	SUR	PT	11/6/98	Y	PASS	NRI	
II-CTP-01CTP-A-A2	II-CT-016CT-SW-D4	SER	_. 250.1V	B03-02	VOL	UT-45S	11/7/98	Y	PASS	NRI/GI	
II-CTP-01CTP-A-A3	II-CTP-01CTP-A-A1	C-C	C3.30	89-02	SUR	PT	10/23/98	Y	PASS	NRI	
II-EL-001CSW-02A,B,C C-A C1.10 89-02 VOL UT-45S 11/10/98 Y PASS NRI 98.6% YES III-FMR-01MS-FW-293 C-F-2 C5.51 89-02 VOL UT-45S 11/2/98 Y PASS NRI/GI	II-CTP-01CTP-A-A2	C-C	C3.30	89-02	SUR	PT	10/23/98	Y	PASS	NRI	
II-FMR-01MS-FW-293 C-F-2 C5.51 89-02 VOL UT-45S 11/2/98 Y PASS NRI/GI	II-CTP-01CTP-A-A3	C-C	C3.30	89-02	SUR	PT	10/23/98	Y	PASS	NRI	,
The same and the s	II-EL-001CSW-02A,B,C	C-A	C1.10	89-02	VOL	UT-45S	11/10/98	Y	PASS	NRI 98.6%	YES
II-FMR-01MS-FW-293 C-F-2 C5.51 89-02 SUR MT 11/2/98 Y PASS NRI	II-FMR-01MS-FW-293	C-F-2	C5.51	89-02	VOL	UT-45S	11/2/98	Y	PASS	NRI/GI	
	II-FMR-01MS-FW-293	C-F-2	C5.51	89-02	SUR	MT	11/2/98	Y	PASS	NRI	
II-FMR-01MS-FW-293A C-F-2 C5.52• 89-02 SUR MT 11/2/98 Y PASS NRI	II-FMR-01MS-FW-293A	C-F-2	C5.52•	89-02	SUR	MT	11/2/98	Y	PASS	NRI	_
II-FMR-01MS-FW-293A C-F-2 C5.52 89-02 VOL UT-45S 11/2/98 Y PASS NRI	II-FMR-01MS-FW-293A	C-F-2	C5.52	89-02	VOL	UT-45S	11/2/98	Y	PASS	NRI	~
II-FMR-01MS-FW-293B C-F-2 C5.52 89-02 VOL UT-45S 11/2/98 Y PASS NRI	II-FMR-01MS-FW-293B	C-F-2	C5.52	89-02	VOL	UT-45S	11/2/98	Y	PASS	NRI	
II-FMR-01MS-FW-293B C-F-2 C5.52 89-02 SUR MT 11/2/98 Y PASS NRI	II-FMR-01MS-FW-293B	C-F-2	C5.52	89-02	SUR	MT	11/2/98	Y	PASS	NRI	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
II-FMR-01RC-5-1-1-SW-3	B√J	B9.32	74\$75/89-0	SUR	PT	11/11/98	Υ	PASS	NRI	≺:
II-FMR-01RC-5-1-1-SW-4	В-Л	B9.32	74\$75/89-0	SUR	PT	11/11/98	Y	PASS	NRI	
II-FMR-01RC-5-1-1-SW-5	- В - Ј	B9.32	74S75/89-0	SUR	PT	11/11/98	Y	PASS	NRI	
II-FMR-01RC-5-1-1-SW-6	В√	B9.32	74S75/89-0	SUR	PT	11/11/98	Y	PASS	NRI	
II-FMR-01RC-5-1-5-SW-7	B-J	B9.32	74\$75/89-0	SUR	PT .	11/11/98	Y	PASS	NRI	
II-FMR-03FW-H-0126I(8)	C-C	C3.20	89-02	SUR	МТ	11/9/98	Y	PASS	NRI	
II-FMR-03FW-SW-G2	C-F-2	C5.51	89-02	VOL	UT-45S	11/9/98	Y	PASS	NRI/GI	
II-FMR-03FW-SW-G2	C-F-2	C5.51	89-02	SUR	мт	11/9/98	Y	PASS	NRI	
II-FW-002AF-01-FW-1	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-FW-002AF-01-FW-1	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-FW-002AF-01-FW-1	C-F-2	C5.51	89-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002AF-01-FW-2	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/16/98	Υ	PASS	NRVGI	
II-FW-002AF-01-FW-2	C-F-2	C5.51	89-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002AF-01-FW-2	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI/GI	
II-FW-002AF-FW-260	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI	
II-FW-002AF-FW-260	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI	•
II-FW-002AF-FW-260	C-F-2	C5.51	89-02	SUR	мт	10/28/98	Υ	PASS	NRI	
II-FW-002FW-16-4-SW-1	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-16-4-SW-2	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
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II-FW-002FW-25-2A-SW-1	FSAR *	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-10	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-2	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Υ	PASS	NRI	
II-FW-002FW-25-2A-SW-3	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Υ	PASS	NRI	
II-FW-002FW-25-2A-SW-4	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-5	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-6	FSAR`	6.6.8D	B06-02	SUR	МТ	10/28/98	Y	PASS	NRI	ı
II-FW-002FW-25-2A-SW-7	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-8	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-25-2A-SW-9	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-39-5-SW-1	FSAR	6.6.8C	B05-02	VOL	UT-45S =	10/27/98	Y	PASS	NRI	
II-FW-002FW-39-5-SW-2	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	Υ	PASS	NRI	
II-FW-002FW-39-5-SW-3	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	γ,	PASS	NRI	
II-FW-002FW-39-5-SW-4	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	Υ	PASS	NRI	
II-FW-002FW-39-5-SW-5	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	Y	PASS	NRI	
II-FW-002FW-39-5-SW-6	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	Y	PASS	NRI	
II-FW-002FW-39-FW-481	FSAR	6.6.8C	B05-02	VOL.	UT-45S	10/27/98	Υ	PASS	NRI	
II-FW-002FW-39-FW-482	FSAR	6.6.8C	B05-02	VOL	UT-45S	10/27/98	Υ	PASS	NRI	
II-FW-002FW-FW-559	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results Co	omments	Limited
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II-FW-002FW-FW-560	FSAR	6.6.8D	B06-02	SUR	MT .	10/28/98	Y	PASS	NRI	
II-FW-002FW-FW-561	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-FW-562	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI .	
II-FW-002FW-FW-576	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/12/98	Y	PASS	NRI	
II-FW-002FW-FW-577	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-FW-581	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Υ	PASS	NRI	
II-FW-002FW-SW-C3	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Υ	PASS	NRI	
II-FW-002FW-SW-C5	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Υ ,	PASS	NRI	
II-FW-002FW-SW-C6	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Y	PASS	NRI	
II-FW-002FW-SW-C7	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-SW-C8	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Y	PASS	NRI	
II-FW-002FW-SW-D3	FSAR	6.6.8D	B06-02	SUR	мт	10/28/98	Υ	PASS `	NRI	-
II-FW-002FW-SW-E3	FSAR	6.6.8D	B06-02	SUR	MT	10/28/98	Υ	PASS	NRI	
II-FW-003AF-01-FW-1	C-F-2	C5.51	89-02	SUR	MT	11/12/98		PASS	Baseline	٠
II-FW-003AF-01-FW-1	C-F-2	C5.51	89-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-01-FW-1	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-01-FW-2	FASR	6.6.8B	B04-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-01-FW-2	C-F-2	C5.51	89-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-01-FW-2	C-F-2	C5.51	89-02	SUR	. MT	11/12/98		PASS	Baseline	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results (Comments	Limited
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II-FW-003AF-FW-267	C-F-2	C5.51	89-02	SUR	MT	11/12/98		PASS	Baseline	
II-FW-003AF-FW-267	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-FW-267	C-F-2	C5.51	89-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-FW-268	FSAR	6.6.8B	B04-02	VOL'	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-FW-268	C-F-2	C5.51	89-02	VOL	UT-45S	11/12/98	_	PASS	Baseline	
II-FW-003AF-FW-268	C-F-2	C5.51	89-02	SUR	MT	11/12/98	·	PASS	Baseline	
II-FW-003AF-FW-269	C-F-2	C5.51	89-02	SUR	MT	11/12/98	_	PASS	Baseline	
II-FW-003AF-FW-269	C-F-2	C5.51	89-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003AF-FW-269	FSAR	6.6.8B	B04-02	VOL	UT-45S	11/12/98		PASS	Baseline	
II-FW-003FW-17-2-SW-2	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-25-3A-SW-1	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Υ	PASS	NRI	
II-FW-003FW-25-3A-SW-10	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Υ	PASS	NRI	
II-FW-003FW-25-3A-SW-2	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-25-3A-SW-3	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Υ	PASS	NRI	
II-FW-003FW-25-3A-SW-4	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI ^	
II-FW-003FW-25-3A-SW-5	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	,Y	PASS	NRI	
II-FW-003FW-25-3A-SW-6	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI -	
II-FW-003FW-25-3A-SW-7	6.6.8D	6.6.8D	B06-02	SUR	MT -	10/29/98	Y	PASS	NRI	
II-FW-003FW-25-3A-SW-8	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Υ	PASS	NRI	ı

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results (Comments	Limited
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II-FW-003FW-25-3A-SW-9	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Y	PASS	NRI	
II-FW-003FW-36-3-SW-1	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/11/98	Y	PASS	NRI/GI	
II-FW-003FW-36-FW-478	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/11/98	Y	PASS	NRI	
II-FW-003FW-FW-565	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Y	PASS	NRI	
II-FW-003FW-FW-566	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-FW-567	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-FW-568	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Υ	PASS	NRI	
II-FW-003FW-FW-578	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/11/98	Y	PASS	NRI/GI	
II-FW-003FW-FW-579	FSAR	6.6.8D	B06-02	SUR	MT ,	11/7/98	Y	PASS	NRI	
. II-FW-003FW-FW-582	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-C3	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-C4	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-C5	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y.	PASS -	NRI	
II-FW-003FW-SW-C6	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI -	
II-FW-003FW-SW-C7	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-C8	FSAR	6.6.8D	B06-02	SUR	мт	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-C9	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-D3	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	
II-FW-003FW-SW-E3	FSAR	6.6.8D	B06-02	SUR	MT	10/29/98	Y	PASS	NRI	

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Component ID	Category	Item No. Exam Reg		Exam Meth	Exam Type	Exam Date	Credit	Results (Comments	Limited
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II-FW-004FW-FW-574	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/12/98	Y	PASS	NRI	
II-MS-001MS-FW-283	C-F-2	C5.51	89-02	SUR "	MT	11/16/98	Υ	PASS	NRI	
II-MS-001MS-FW-283	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI/GI	
II-MS-001MS-FW-283	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Υ	PASS	NRVGI	
II-MS-001MS-FW-283A	C-F-2	C5.52	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-FW-283A	C-F-2	C5.52	89-02	SUR	мт	11/16/98	Υ	PASS	NRI	
II-MS-001MS-FW-283A	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98 `	Y	PASS	NRI	
II-MS-001MS-FW-284	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI .	
II-MS-001MS-FW-284	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Υ	PASS	NRI	
II-MS-001MS-FW-284	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	. ү	PASS *	NRI	
II-MS-001MS-SW-A11	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	·Y	PASS	NRI	
II-MS-001MS-SW-A11	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A11	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A12	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Υ	PASS	NRI	
II-MS-001MS-SW-A12	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A12	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A13	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI	
I-MS-001MS-SW-A13	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Υ	PASS	NRI	
I-MS-001MS-SW-A13	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI	•

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
	, O.F.o.	05 54	00.00	voi	157 450	444000				
II-MS-001MS-SW-A14	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A14	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	, Y	PASS	NRI	
II-MS-001MS-SW-A14	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A15	C-F-2 ,	C5.51	89-02	SUR	MT	11/16/98	Y	PASS	NRI	•
II-MS-001MS-SW-A15	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A15	FSAR	6.6.8Č	B05-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI	
II-MS-001MS-SW-A3	C-F-2	C5.51	89-02	SUR .	MT .	11/16/98		PASS	NRI	
II-MS-001MS-SW-A30	C-F-2	C5.51	89-02	SUR	MT	11/16/98	· Y	PASS	NRI	
II-MS-001MS-SW-A30	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Y	PASS	NRI/GI	
II-MS-001MS-SW-A30	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Υ	PASS	NRI/GI	
II-MS-001MS-SW-A34	C-F-2	C5.51	89-02	SUR	MT	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A34	FSAR	6.6.8C	B05-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	
II-MS-001MS-SW-A34	C-F-2	C5.51	89-02	VOL	UT-45S	11/16/98	Y	PASS	NRI	•
II-MS-001MS-SW-A3A	C-F-2	C5.52	89-02	SUR	MŤ	11/16/98		PASS	NRI	
II-PZR-01LSW-07	B-B	B2.12	89-02	VOL	UT-00	10/30/98	Y	PASS	NRI	
II-PZR-01LSW-07	B-B	B2.12	89-02	VOL	UT-45S	10/30/98	Y	PASS	NRI	
II-PZR-01LSW-07	B-B	B2.12	89-02	VOL	UT-60S	10/30/98	Y	PASS	NRI	
II-PZR-01NIR-09	B-D	B3.120	89-02	VOL	UT-70S	10/30/98	· Y	PASS	NRI	
II-PZR-01NIR-10	B-D	B3.120	89-02	VOL	UT-70S	10/30/98	Y	PASS	NRI .	

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
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II-PZR-01NIR-11	B-D	B3.120	89-02	VOL	UT-70S	10/30/98	Y	PASS	NRI	
II-PZR-01NIR-12	B-D	B3.120	89-02	VOL	UT-70S	10/30/98	Y	PASS	NRI	
II-PZR-01NIR-13	B-D	B3.120	89-02	VOL	UT-70S	10/30/98	Υ	PASS	NRI	
II-PZR-01NSEW-16	B-F	B5.40	89-02	VOL	UT-45L	11/10/98	Υ	PASS	NRI	«
II-PZR-01NSEW-16	B∙F	B5.40	89-02	VOL	UT-45S	11/10/98	Υ	PASS	NRI	
II-PZR-01NSEW-16	B-F	B5.40	89-02	SUR	PT	10/30/98	Y	PASS	NI	
II-PZR-01NSEW-17	B-F	B5.40	89-02	SUR	PT	10/30/98	Y	PASS	NI	
II-PZR-01NSEW-17	B-F	B5.40	89-02	VOL	UT-45S	11/10/98	Y	PASS	NRI	
II-PZR-01NSEW-17	B•F	B5.40	89-02	VOL	UT-45L	11/10/98	Y	PASS	NRI	
II-PZR-01NSEW-18	B-F.	B5.40	89-02	VOL	UT-45S	11/10/98	Y	PASS	NRI	
II-PZR-01NSEW-18	B-F	B5.40	89-02	VOL '	UT-45L	11/10/98	Y	PASS	NRI/GI	
II-PZR-01NSEW-18	B-F	B5.40	89-02	SUR	PT	10/30/98	Y	PASS	NI -	
II-PZR-01NSEW-19	B∙F	B5.40	89-02	SUR	PT	10/30/98	Y	PASS	NI	
II-PZR-01NSEW-19	B-F	B5.40	89-02	VOL	UT-45S	11/10/98	Y	PASS	NRI	
II-PZR-01NSEW-19	B-F	B5.40	89-02	VOL	UT-45L	11/10/98	Y	PASS	. NRI/GI	
II-PZR-01NSEW-20	B-F	B5.40	89-02	SUR	PT .	10/30/98	Υ	PASS	NI	
II-PZR-01NSEW-20	B-F	B5.40	89-02	VOL	UT-45S	11/10/98	Y	PASS	NRI [*]	
II-PZR-01NSEW-20	B-F	B5.40	89-02	VOL	UT-45L	11/10/98	Y	PASS	NRI	
II-PZR-01NTHW-09	B-D	B3.110	89-02	VOL	UT-60S	10/30/98	•	PASS	67.14%	YES
			- 	,	0.00	100000		1 AUG	U/.14%	160

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results (Comments	Limited
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II-PZR-01NTHW-09	B-D	B3.110	89-02	VOL	UT-00	10/30/98	4	PASS	67.14%	YES
II-PZR-01NTHW-09	B-D	B3.110	89-02	VOL	UT-45S	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-10	B-D	B3.110	89-02	VOL	UT-45\$	10/30/98		PASS	67.14%	YES .
II-PZR-01NTHW-10	B-D	B3.110	89-02	VOL	UT-60.S	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-10	B-D	B3.110	89-02	VOL	· UT-00	10/30/98	at	PASS	67.14%	YES
II-PZR-01NTHW-11	B-D	B3.110	89-02	VOL	UT-60S	10/30/98		PASS	67.14%	YES ·
II-PZR-01NTHW-11	B-D	B3.110	89-02 -	VOL	UT-45S	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-11	B-D	B3.110	89-02	VOL	UT-00	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-12	B-D	B3.110	89-02	VOL	UT-60S	10/30/98	-	PASS	67.14%	YES
II-PZR-01NTHW-12	B-D	B3.110	89-02	VOL	UT-00	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-12	B-D	B3.110	89-02	VOL ,	UT-45S	10/30/98	•	PASS	67.14%	YES
II-PZR-01NTHW-13	B-D	B3.110	89-02	VOL	UT-45S	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-13	B-D	B3.110	89-02	VOL:	UT-60S	10/30/98		PASS	67.14%	YES
II-PZR-01NTHW-13	B-D	B3.110	89-02	VOL	UT-00	10/30/98		PASS	67.14%	YES
II-PZR-01STHW-04A,B,C	B-B	B2.11	89-02	VOL .	UT-00	10/30/98	Y	PASS	NRI	
II-PZR-01STHW-04A,B,C	B-B	B2.11	89-02	VOL	UT-45S	10/30/98	Υ	PASS	RI - ACC	
II-PZR-01STHW-04A,B,C	B-B	B2.11	89-02	VOL	UT-60S	10/30/98	Y	PASS	RI - ACC	
II-RC-009RC-FW-1	B-J	B9.11	74875/89-0	SUR	PT	11/10/98	Y	PASS	NRI	
II-RC-009RC-FW-1	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/10/98	ŢY	PASS	RI - ACC/ G	il

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
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II-RH-001CT-FW-57	C-F-1	C5.11	89-02	VOL	UT-45S	10/19/98	Y	PASŞ	NRI	
II-RH-001CT-FW-57	C-F-1	C5.11	89-02	SUR	PT	10/19/98	Y	PASS	NRI	
II-RH-001CT-FW-57A	C-F-1	C5.12	89-02	SUR	PT	-10/19/98	Y	PASS	NRI	
II-RH-001CT-FW-57A	C-F-1	C5.12	89-02	VOL	UT-45S	.10/19/98	Υ	PASS	NRI	
II-RH-001RH-FW-3	SER	250.1V	B03-02	VOL	UT-45S	10/19/98	Υ.	PASS	NRI/GI	
II-RH-001RH-FW-3	SER	250.1S	B03-02	SUR	PT	10/19/98	Υ	PASS	NRI	
II-RH-001RH-FW-3A	SER	250.1S	B03-02	SUR	PT	10/19/98	Υ	PASS	NRI	
II-RH-001RH-FW-3A	SER	250.1V	B03-02	VOL	UT-45S	10/19/98	Y	PASS	NRI	
II-RH-001RH-FW-8	C-F-1	C5.11	89-02	SUR	PT	10/19/98	Υ	PASS	NRI	ه
II-RH-001RH-FW-8	C-F-1	C5.11	89-02	VOL ,	UT-45S	10/19/98	Υ	PASS	NRI	
II-RH-001RH-FW-8A	C-F-1	C5.12	89-02	VOL	UT-45S	10/19/98	Ϋ́	PASS	NRI	
II-RH-001RH-FW-8A	C-F-1	C5.12	89-02	SUR	PT	10/19/98	Υ	PASS	NRI	*
II-RH-001RH-FW-8B	C-F-1	C5.12	89-02	VOL	UT-45S	10/19/98	Υ	PASS	NRI	
II-RH-001RH-FW-8B	C-F-1	C5.12	89-02	SUR	PT	10/19/98	Υ	PASS	NRI	
II-RH-001RH-SW-A3	SER	250.18	B03-02	SUR	PT	10/19/98	Υ	PASS	RI - ACC	
II-RH-001RH-SW-A3	SER	250.1V	B03-02	VOL	UT-45S	10/19/98	Υ	PASS	NRI/GI	
II-RH-001RH-SW-A3A	SER	250.1V	B03-02	VOL	UT-45S	10/19/98	Y	PASS	NRI/GI	
II-RH-001RH-SW-A3A	SER	250.18	B03-02	SUR	PT	10/19/98	Y	PASS	NRI	
II-RH-001RH-SW-E4	C-F-1	C5.11	89-02	SUR	PT	10/19/98	Y	PASS	NRI	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
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II-RH-001RH-SW-E4	C-F-1	C5.11	89-02	VOL	UT-45S	10/19/98	Y	PASS	NRI/GI	
II-RH-001RH-SW-E4A	C-F-1	C5.12	89-02	SUR	PT	10/19/98	Y	PASS	NRI	
II-RH-001RH-SW-E4A	C-F-1	C5.12	89-02	VOL	UT-45S	10/19/98	Y	PASS	NRI	
II-RH-001RH-SW-E4B	C-F-1	C5.12	89-02	SUR	PT	10/19/98	Y	PASS	NRI	
II-RH-001RH-SW-E4B	C-F-1	C5.12	89-02	VOL	UT-45S	10/19/98	Y	PASS	NRI	
II-RHR-01RHRA-CSW-02A	C-A	AUG	89-02	SUR	PT	10/20/98	Y	PASS	NI	
II-RHR-01RHRA-CSW-02A,B,C	C-A	C1.10	89-02	VOL	UT-45S	10/20/98		PASS	66.5%	YES
II-RHR-01RHRA-SR-4A,B,C,D	C-B	C2.31	89-02	SUR	PT	10/20/98	Y	PASS	RI'S - ACC	
II-RHR-01RHRA-SR-5A,B,C,D	C-B	C2.31	89-02	SUR	PΤ	10/20/98	Υ	PASS	NRI	
II-RV-001BCONO-A(1-3)	B-G-2	B7.10	89-02	SUR	VT-1	11/7/98	Y	PASS	RI - ACC	
II-SG-001SGA-CLMN(1-16)	B-G-2	B7.30	89-02	SUR	VT-1	11/12/98	- Y	· PASS	RI - ACC	,
II-SG-001SGA-CLMS(1-16)	B-G-2	B7.30	89-02	SUR	VT-1	11/11/98	Y	PASS	RI - ACC	
II-SG-001SGA-HLMN(1-16)	B-G-2	B7.30	89-02	SUR	VT-1	11/12/98	Y	PASS	RI - ACC	
II-SG-001SGA-HLMS(1-16)	B-G-2	B7.30	89-02	SUR	VT-1	11/11/98	Y	PASS	RI - ACC	
II-SI-008SI-FW-456	C-F-1	C5.11	89-02	VOL	UT-60S	10/24/98	Y	PASS	NRI	
II-SI-008SI-FW-456	C-F-1	C5.11 .	89-02	SUR	PT	10/21/98	Y	PASS	NRI	
II-SI-008SI-SW-E4	SER	250.18	B03-02	SUR .	PT	10/31/98	Y	PASS	NRI	,
II-SI-008SI-SW-E4A	SER	250.1S	B03-02	SUR	PT	10/31/98	Y	PASS	NRI	
II-SI-008SI-SW-G3	SER	250.18	B03-02	SUR	PT	10/21/98	Y	PASS	NRI	
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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results	Comments	Limited
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II-SI-008SI-SW-G3A	SER	250.18	B03-02	SUR	PT	10/21/98	Y	PASS	NRI	
II-SI-009SI-FW-278	SER	250.1\$	B03-02	SUR	PT	10/21/98	Y	PASS	NRI	
II-SI-009SI-SW-B5	SER	250.1S	B03-02	SUR ^	PT	10/21/98	* Y	PASS	NRI	
II-SI-017RC-FW-604	ΙE	88-08	89-02	VOL	UT-45S	11/8/98		PASS	_ NRI/GI/95.9	1 YES
II-SI-017RC-SW-A4	IE	88-08	89-02	VOL	UT-45S	11/6/98		PASS	NRI/GI	•
II-SI-018SI-FW-965	B√J	B9.40	74\$75/89-0	SUR	PT	11/3/98	Y	PASS	NRI	
II-SI-018SI-FW-966	₿√Ј	` B9.40	74S75/89-0	SUR	PT	11/3/98	Y	PASS	· NRI	
II-SI-018SI-SW-A3 .	B√J	B9.40	74\$75/89-0	SUR	PT	11/3/98	Y	PASS	NRI	
II-SI-018SI-SW-A4	B√J	B9.40	74\$75/89-0	SUR	PT	11/3/98	Y	PASS	NRI	
II-SI-018SI-SW-A5	В√	B9.40	74\$75/89-0	- SUR	PT	11/3/98	Y	PASS	NRI	
II-SI-018SI-SW-A6	В-Ј	B9.40	74\$75/89-0	SUR	PT	11/3/98	Y	PASS	NRI	
II-SI-024RC-SW-A3	B-J	B9.11	74S75/89-0	SUR	PT	11/5/98	Y	PASS	NRI	
II-SI-024RC-SW-A3	В-Ј	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI	
II-SI-024RC-SW-A4	В√Ј	B9.11	74875/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI	•
II-SI-024RC-SW-A4	B√J	B9.11	74\$75/89-0	SUR	PT	11/5/98	Υ	PASS	NRI	*
II-SI-024SI-FW-588	B√J	B9.11	74\$75/89-0	SUR	PT	11/5/98	Y	PASS	NRI	
II-SI-024SI-FW-588	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI	•
II-SI-025RC-FW-295	BJ	B9.11	74\$75/89-0	VOL	UT-45S	11/4/98	Y	PASS	NRI/GI	
II-SI-025RC-FW-295	B√J •	B9.11	74S75/89-0	SUR	PT	11/3/98	Y	PASS	NI -	

Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results C	Comments Limited
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II-SI-025RC-SW-J3	B√J	B9.11 .	74\$75/89-0	VOL	UT-45S	11/4/98	Y	PASS	NRI/GI
II-SI-025RC-SW-J3	B-J	B9.11	74\$75/89-0	SRU	PT	11/4/98	Y	PASS	NI
II-SI-025RC-SW-J4	B∻J	B9.11	74\$75/89-0	VOL	UT-45S	11/4/98	Υ *	PASS	NRI/GI
II-SI-025RC-SW-J4	B√J	B9.11	74\$75/89-0	SUR	PT	11/4/98	Y	PASS	NI
II-SI-025SI-FW-536	B√J	B9.11	74S75/89-0	VOL	UT-45S	11/4/98	Y	PASS	NRI/GI
II-SI-025SI-FW-536	- B√J	B9.11	74S75/89-0	SUR	PT	11/4/98	Υ	PASS	NI
II-SI-026RC-FW-294	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI
II-SI-026RC-FW-294	₽√	B9.11	74S75/89-0	SUR	PT	11/6/98	Y	PASS	NI .
II-SI-026RC-SW-A3	B√J	B9.11	74S75/89-0	SUR	PT	11/6/98	Y	PASS	NRI
II-SI-026RC-SW-A3	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRVGI
II-SI-026RC-SW-A4	B√J	B9.11	74\$75/89-0	SUR	PT	11/6/98	Y	PASS	NI
II-SI-026RC-SW-A4	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI
II-SI-026RC-SW-A5	8-√	B9.11	74\$75/89-0	SUR	PT	11/6/98	Y	PASS	NRI
II-SI-026RC-SW-A5	₿√Ј	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRI/GI
II-SI-026RC-SW-A6	B√J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS	NRVGI
II-SI-026RC-SW-A6	B-J	B9.11	74\$75/89-0	SUR	PT	11/6/98	Y	PASS	NRI
II-SI-026SI-FW-543	B-J	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98		PASS	NRI/GI/ 86.25 YES
II-SI-026SI-FW-543	В√	B9.11	74\$75/89-0	SUR	PT	11/6/98	Y	PASS	NRI
II-SI-027RC-FW-542	ΙE	88-08	89-02	VOL	UT-45S	11/8/98		PASS	NRI
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Monday, February 15, 1999

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Component ID	Category	Item No.	Exam Req	Exam Meth	Exam Type	Exam Date	Credit	Results Com	nents Limited
			•	*		•			
II-SI-027RC-SW-A3	1E	88-08	89-02	VOL	UT-45S	11/5/98		PASS NR	VGI
II-SI-028RC-FW-296	₿√Ј	B9.11	74\$75/89-0	SUR	· PT	11/5/98	Υ	PASS NR	,
II-SI-028RC-FW-296	B-J [*]	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS NR	/GI
II-SI-028RC-FW-535	ΙE	88-08	89-02	VOL	UT-45S	11/6/98		PASS NR	/GI -
II-SI-028RC-SW-F3	B-J	B9.11	74\$75/89-0	SUR	PT	11/5/98	Y	PASS NR	i
II-SI-028RC-SW-F3	B-J	B9.11	74875/89-0	VOL	UT-45S	11/6/98	Y	PASS NR	//GI
II-SI-028RC-SW-F4	8√1 -	B9.11	74\$75/89-0	SUR	PT	11/5/98	· Y	PASS NR	i
II-SI-028RC-SW-F4	B-J	B9.11	74S75/89-0	VOL	UT-45S	11/6/98	Υ	PASS NR	l/GI
II-SI-028RC-SW-F5	В√Ј	B9.11	74875/89-0	SUR	PT ^	11/5/98	· Y	PASS NR	· I
II-SI-028RC-SW-F5	B√J	B9.11	74875/89-0	VOL	UT-45S	11/6/98	Y	PASS - NR	//GI
II-SI-028RC-SW-F6	B-J .	B9.11	74\$75/89-0	VOL	UT-45S	11/6/98	Y	PASS NR	VGI -
II-SI-028RC-SW-F6	B√	B9.11	74\$75/89-0	SUR .	PT	11/5/98	Υ	PASS NR	
II-SI-030SI-FW-994	B√	B9.40	74\$75/89-0	SUR	PT	11/9/98	Y	PASS NR	• !
II-SI-030SI-SW-A6	В√Ј	B9.40	74S75/89-0	SUR	PT	11/9/98	Y	PASS NR]
II-SI-032SI-FW-992	В√Ј	B9.40	74\$75/89-0	SUR	PT	11/11/98	Y	PASS NR	l

Monday, February 15, 1999

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Component ID Category Item No. Exam Req Exam Meth Exam Type Exam Date Credit Results Comments Limited

NI= No Indications

NRI= No Recordable Indications

RI= Recordable Indications

GI= Geometric Indications

ACC= Acceptable

Shearon Harris Nuclear Generating Station

Cycle 8

Steam Generator

Eddy Current Inspection Summary

1.0 INTRODUCTION

Steam Generator inspection and repair of Shearon Harris has been completed for the Cycle 8 refueling outage. Examinations of the tubing were performed with eddy current tests and visual examination. Tubes have been removed from service by plugging and in some tubes mechanical stabilizers have been installed.

Inspections were also performed of steam generator internals and the tube support structures by remote visual techniques.

The examinations resulted in a total of 72 tubes being plugged; 39 in steam generator "A", 15 in steam generator "B" and 18 in steam generator "C".

Taken as a whole the Harris inspection results show less active corrosion induced tube degradation than is found in similar steam generator types at other plants. Corrosion induced degradation has been slowly increasing, however, a slightly elevated increase in circumferential cracking is noted over cycle 7 in SG "A".

Tube wear at support structures has not shown increased progression over what has been seen in previous cycles.

Loose part signals have increased slightly over cycle 7, and loose part indications have been noted. Comprehensive inspections have been performed to determine the extent and the amount of degradation at the loose part signals.

2.0 Examination Plan

An extensive inspection was performed on the Harris steam generator tubes. The inspection scope exceeded prevailing requirements and met or exceeded industry guidelines and accepted good practice. Qualifications of the hardware, procedures and personnel requirements met or exceeded prevailing regulations and accepted industry guidelines and good practice.

Testing scope and scope expansion logic were planned prior to the beginning of inspection activities to address Technical Specification requirements, EPRI Guidelines and to specifically address known degradation phenomena and potential new degradation.

The inspection was completed on November 10, 1998. Table 1 is the inspection scope and Table 2 is the summary of tubes plugged. In summary the inspection original, planned scope was: 1.) 100% of all tubes with bobbin coil eddy current testing, 2.) 100% of all tubes with Plus Point rotating coil (RC) eddy current testing at the hot leg top-of-tubesheet, 3.) A sample of hot leg dents, manufacturing buff marks and other benign indications with Plus Point, 4.) A 20% sample of tubes with Plus Point in the tight radii U-bends - rows 1 through 3 and, 5.) A 20% sample of the pre-heater expanded tubes in SG "B".

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No sample expansions were required consistent with preplanning, the EPRI Guidelines methodology, and site Technical Specification. Some additional RC probe testing was performed to bound certain loose part indications. RC examinations were performed around loose part indications and expanded by a one-tube boundary until no further indications were reported. Bounding was limited to SG "A" and "B".

3.0 Examination Results

Indications of tube wall loss and tube cracking were noted from tube inspections and are attributed to corrosion and mechanical wear. Corrosion indications were located at hot leg tube expansion transitions and within the hot leg tubesheet. Tube wear was noted at support structures in the cold leg pre-heater area and at the anti-vibration bars (AVB's). Minor wear was recorded where loose parts were previously detected. Table 2 is a summary of tubes plugged and the nature of the indication. Table 3 is a summary of all indications recorded during RFO8.

The examination results for each of the steam generators, per the Harris Technical Specifications and EPRI Guideline, was classified as C-2. The classification criteria is based on bobbin and RC examinations and classified per the following:

- C-1; Less than 5% of the total tubes inspected are degraded tubes and none of the inspected tubes are defective.
- C-2; One or more tubes, but not more than 1% of the total tubes inspected are defective, or between 5% and 10% of the total tubes inspected are degraded tubes.
- C-3; More than 10% of the total tubes inspected are degraded tubes or more than 1% of the inspected tubes are defective.

3.1 Additional Evaluations

In addition to eddy current inspections, other non destructive tests were performed to diagnose the steam generator tubes' condition and pressure retaining ability. These were; remote visual examination of installed tube plugs, foreign object search and retrieval (FOSAR), and remote and direct visual examination of the SG upper internals.

Inspections were performed on the top-of-tubesheet on all three steam generators. FOSAR was included and parts were removed from "C" and "B" steam generators. A limited inspection was performed on "A" due to water clarity. Steam generators "C" and "B" included sampling of the tube bundle as well as the tube lane and "T" slots. No significant findings were reported with the as found condition of the tubes.

Inspections were also performed in the upper steam dryer section of SG "B". No significant findings were reported other than erosion of the down-comer barrels above the swirl vanes just below the upper deck welds. Action was taken to

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evaluate the structural and operational integrity of the down-comer barrels through contact with Westinghouse. The erosion was further characterized by UT thickness readings as well as other operational information for all three steam generators as recommended by Westinghouse. Conclusions of the evaluation from Westinghouse was the steam generator down-comer degradation indicates that continued operation of steam generator "B" for two operating cycles will be acceptable. The steam generators are scheduled for replacement in two cycles. A visual examination was additionally performed on the suspect area in steam generator "C" with similar but less severe degradation viewed. Based on the results of SG "C" and the excess structural margin in SG "B" it was decided further investigation of SG "A" was not warranted.

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Table 1 - Summary of Steam Generator Tube Inspection

	S/G A	S/G B	S/G C
	Numbe	er of Tubes/Percent	of Tubes
Bobbin - Full Length	4543/100%	4561/100%	4538/100%
Plus Point - Tight Radii U- Bends Row 1 - 3	68/20%	68/20%	68/20%
Plus Point - Expansion Transition - H/L TTS	4543/100%	4561/100%	4538/100%
Plus Point - Pre-Heater expanded tubes (two intersections per tube)	n/a	26/20%	n/a
Plus Point - Hot Leg Dents, Buff marks and benign indications	36/20%	40/20%	46/20%
Plus Point - Retest of Bobbin Coil Indications - Volumetric, Loose Parts and other Diagnostic examinations.	29/100%	65/100% ·	3/100%

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Table 2 - Tubes Plugged For Indications of Tube Degradation

Indication Orientation and Location	Steam Generator					
	SG A	SG B	SG C			
Axial indications below the inlet top-of-tubesheet	1	1	1			
Both circumferential and axial oriented indications that do not intersect and are near the expansion transition at the hot leg top-of-tubesheet	0	0	1 ^h			
Circumferentially oriented indications near the expansion transition at the hot leg top-of-tubesheet	29 ^h	3 ^h	11 ^h			
Axially oriented indications near the expansion transition at the hot leg top-of-tubesheet	0	0	3			
Preventive plugging of tubes with loose part indications ¹	6°	11(9°)	0			
Wear at an AVB support (Exceeding Plugging Limits)	• 1	0	0			
Wear at an AVB support (Preventive Plugging)	0	0	, 1			
Volumetric indication at a miscellaneous location in a tube	2	0	1			
Total Plugged - 72	39	15	18			

h = Hot Leg Stabilizer installed

c = Cold Leg Stabilizer installed

¹ One tube in SG $^{\circ}$ A" (row 38 column 99) also included a obstruction (dent) which would not pass a 0.580" bobbin probe. This criteria would also recommend a preventive tube plug.

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Table 3 - Indication Summary

Indication Category	St	team General	tor
,	SG A	SG B	SG C
Axial indications below the inlet top-of-tubesheet	1	1	1
Both circumferential and axial oriented indications that do not intersect and are near the expansion transition at the hot leg top-of-tubesheet	0	. 0	1
Circumferentially oriented indications near the expansion transition at the hot leg top-of-tubesheet	29	3	11
Axially oriented indications near the expansion transition at the hot leg top-of-tubesheet	0	0	3
Loose Part Indications (wear associated)	4	10	0
Loose Part Signals (no wear associated)	. 12	` 24	7
Wear 0-19% 20-29% 30-39% 40%-100%	20 3 0 1	9 2 1 0	24 . 5 . 6 0
Volumetric indications (VOL, SVI)	7	9	6
Total	77	5 9	` 64

Note: The above documents the number of tubes, not indications. Some tubes have more than one indication or indication category.

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4.0 Examination Techniques and Equipment

The hardware, qualification of techniques and qualifications of personnel met or exceeded regulatory requirements, industry guidance and prevailing industry good practice. The resolution process employed sufficient independence to preclude a systematic bias. The primary diagnostic tool that was used on defects was the Plus Point rotating eddy current coil. This tool is currently the state-of-the-art tool for detection and categorization of certain defects.

The eddy current examination was performed by ABB Combustion Engineering, Inc., utilizing Zetec MIZ-30 digital data acquisition and analysis systems. The following coil types were used for the tube examinations:

Bobbin coil A610M/ULC .610" Diameter magnetic bias.

A580SF/RM .580" Diameter spring flex magnetic bias

Rotating coil P610MRPC3C .610" Diameter Three coil (.115"Mid-frequency,

.080"High frequency Pancake, Plus point Mid-

frequency

P580MRPC1C .580" Diameter One Coil Plus Point Mid-frequency.

Mag. Bias

P580MRPC2C .580" Diameter Two Coil (.115" Mid-frequency

Pancake, Plus Point Mid-frequency)

The data was independently analyzed by two groups of certified Level IIA (minimum) QDA qualified data analysts. Discrepancies between the two sets of evaluation results were reviewed by Lead Level III eddy current examiners representing both Primary and Secondary analysis groups. ABB/ Combustion Engineering performed data acquisition and Primary data analysis while Framatome Technology, Inc. (FTI) performed Secondary data analysis. Both Primary and Secondary analysis were performed remotely via LAN/WAN at the Verner & James Company located in Redmond, Washington and FTI located in Lynchburg, Virginia, respectively. Potentially repairable indications as well as a sample of non-degraded tubes were also reviewed by an independent Level III analyst.

A Site Specific Performance Demonstration was required for all data analysts. The Performance Demonstration consisted of a written and practical examination. The written exam was based on knowledge and use of the analysis procedure, while the practical examination focused on successful completion of analysis of actual data. Data was compiled from prior outages at Shearon Harris along with other indications (from similar plants) that could potentially be found in Shearon Harris steam generators.

Two Data Management Systems were used at Shearon Harris. The primary system was ABB's ISIS-Tube tracking system that was the database of record. The second was Zetec's Data Management System that was used to provide a second check and process other information used for on-line data review and historic review.

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SECTION 4

COMPONENT SUPPORTS

RFO8 ASME XI Component Support Examination Report

Support Number	Piping Class	Exa	m Date	Exam Results
AF-H-0318	· 2	10.	· /25/98	PASS
AF-H-0443	2		/25/98	PASS
AF-H-0486	2	10.	/25/98	PASS
BD-H-0034	2	10.	/29/98	PASS
BD-H-0167	2	10.	05/98	PASS
CS-H-0035	2	10	/06/98	PASS
CS-H-2862(I)	1	10	/25/98	PASS
CS-H-2957	2	10	/29/98	FAIL
CS-H-2870 *	2 .	10	/31/98	PASS
CS-H-2878 *	2	10	/31/98	PASS
CS-H-2879 *	2	10	/31/98	PASS
CS-H-2956 *	2	10	<i>'</i> 31/98	PASS
CS-H-2958 *	2 .	10	<i>'</i> 31/98	PASS
CT-H-0093	2	10/	/25/98	PASS
CT-H-0094	2	10/	25/98	PASS
CT-H-0317	2	10/05/98		PASS
CT-H-0362	2	10/	06/98	PASS
FW-H-0128	2		25/98	PASS
RC-H-0061	1	10/	26/98	PASS
RC-H-0079	1		02/98	PASS
RC-H-0081	1	11/	02/98	PASS
RH-H-0031	2	09/	29/98	PASS
RH-H-0080	2		05/98	PASS
SI-H-0025	2		30/98	PASS
SI-H-0039	2		05/98	PASS
SI-H-0250	2	10/25/98		PASS
SI-H-0262	1	10/29/98		PASS
SI-H-0352	1,		26/98	PASS
SI-H-0358	1	10/	26/98	PASS
Equipment Supports		<u>Class</u>	Exam Date	Results
CSIP A Aux Lube Oil Pump 1A-SA		2	10/21/98	PASS
Reactor Coolant Pump 1A-SA		1 ,	10/29/98	PASS
RHR Pump 1A-SA Cooler		2	09/25/98	PASS
RHR Pump 1A-SA		2	09/25/98	PASS
Seal Water Injection Filter 1A-SN		2	11/15/98	PASS

^{*} denotes scope expansion resulting from examination failure on CS-H-2957

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SECTION 5

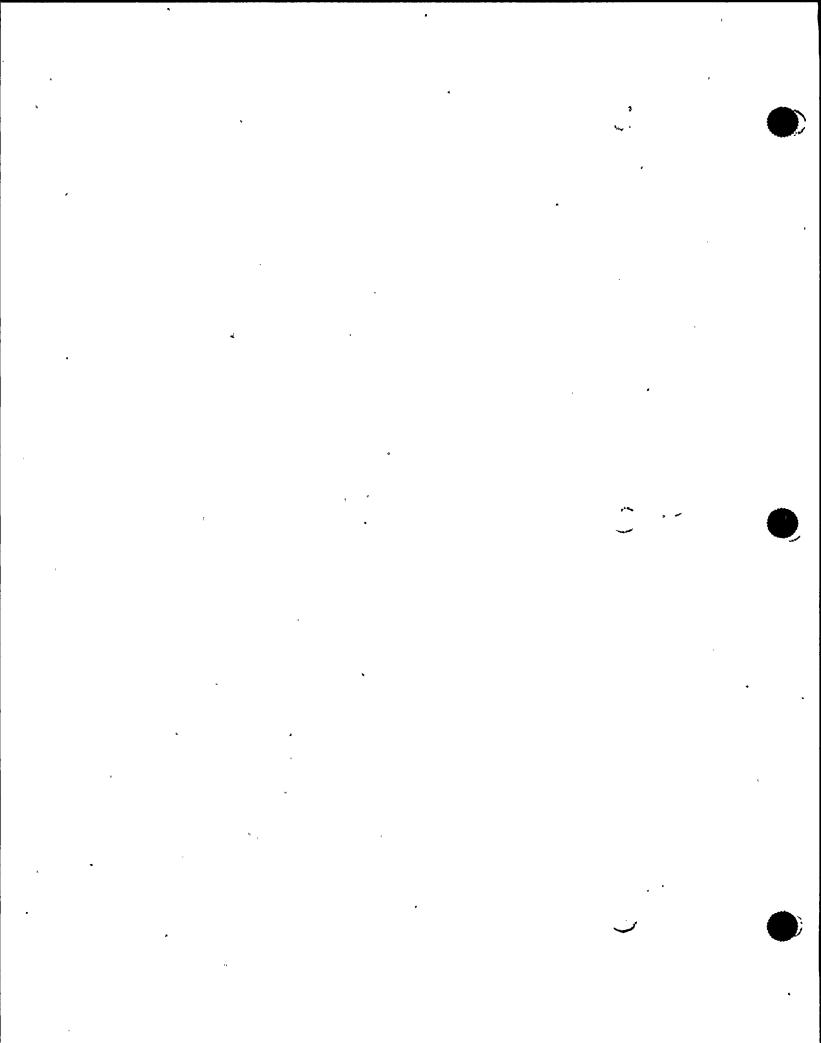
NIS-2 FORMS, REPORT OF REPAIRS AND REPLACEMENTS

CYCLE 4

NIS-2 FORMS

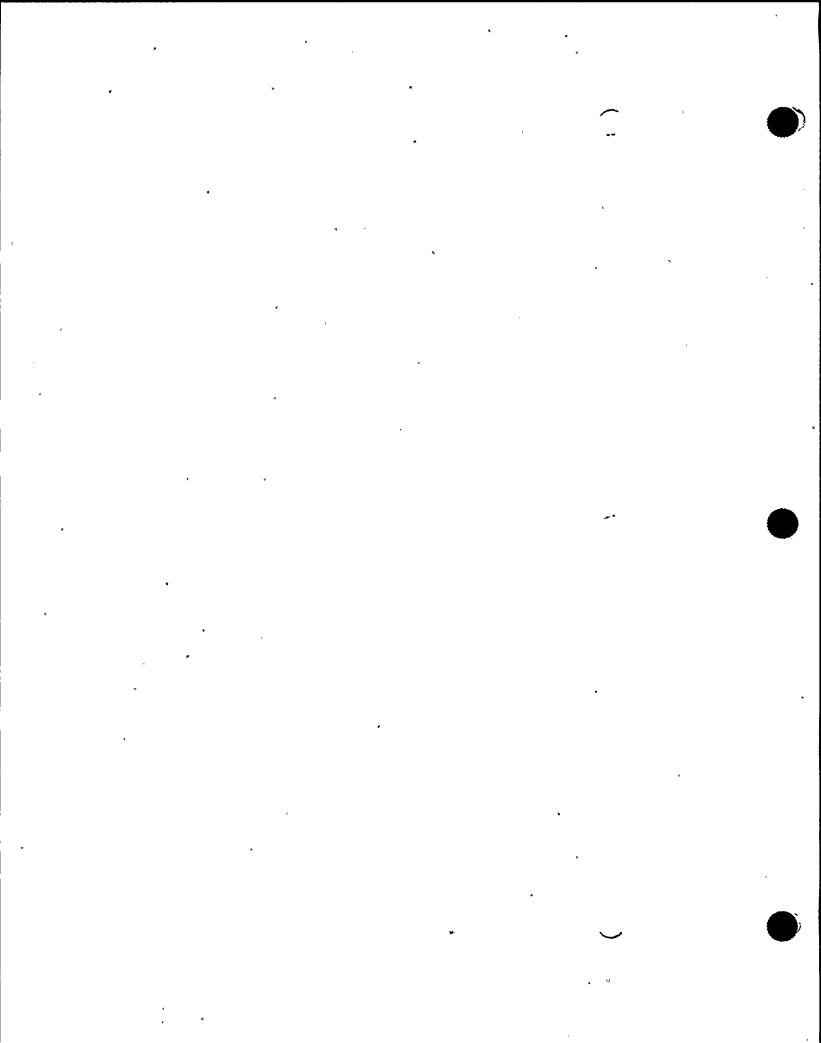
NOTE:

The following Cycle 4 NIS-2 Forms were not included in the Cycle 4 ISI Summary Report. Therefore, they have been included in this report for your review.



CYCLE 4 NIS-2 FORMS

WR/JO NUMBER	TAG -	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
92-ACHT2	1MS-43	CYCLE 4	2	Replacement
92-AIKN1	1RC-125	CYCLE 4	1	Replacement
88-AEFM1	1SG-E001	CYCLE 4	2	Replacement
97-AEML1	1FP-347	CYCLE 4	2	Replacement .



1. Owner Care	olina Power & Light (Nam					1-26-98	· ·
P.O. Box 1	1551, Raleigh, N. C.	27602-1551 Address	¥		Sheet <u>1</u>	of <u>2</u>	•
2. Plant <u>Shea</u>	a <u>ron Harris Nuclear F</u>				Unit <u>1</u>		
P.O. Rox 1	165, New Hill, N. C.	Name 27562-0165			WR/JO	P2-ACHT2	r.
		Address			Repair Or	ganization P.O. Ho.,	Job No., etc.
3. Work Perfor	med by <u>Carolina Po</u>	wer & light Comp		·····	Type Code	Symbol Stamp	H/A
P.O. Roy 16	<u> 5 New Hill, N.C. 275</u>				Authorizat	tion No.	N/A
-	3 NCW 111447 N.C. CV3	Address			Expiration	n Date	H/A
4. Identificat	ion of System: 3020	- HAIN STEAM SY	STEM		ASHE III, CI	ASS 2	
5 (a) Apolical	ble Construction Cod	a ASNE Sact III	10 74 Fe	lition WINTER 1076		Manda U/A	Codo Cos
							code case
(b) Applica	ble Edition of Secti	on XI Utilized f	or Repairs or	Replacements 19	33, Adder	nda <u>SUNNER 1983</u>	
6. Identifica	tion of Components R		acement Compo	onents		•	
							ASHE.
-			National			Repaired,	Code Stamped
Name of Component	Name of Manufacturer	Manufacturer 'Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
VALVE	CROSBY	N57374-00- 0001	829	N/A	1980	REPLACED	YES
VAĻVE	CROSBY	หร7374-00- 0010	838	H/A _	1980	REPLACEMENT	YES
NUT	TEXAS BOLT CO.	H/A	H/A	TR# 0X56	1985	REPLACEMENT	Ю
THRD ROD	TEXAS BOLT CO.	N/A	N/A	HT# 8877926	1985	REPLACEMENT	NO ,
			L				
* ,	•						
7. Description	of Work: REPLACED V	ALVE SH# H57374-0	<u>10-0001 нв# 8</u> і	29 WITH NEW VALVE SI	#_N57374-00	-0010 NB# 838	
			} ;		•		
შ. Tests Condu	cted: Hydrostatic C Other ¹□ Pr			rating Pressure 🖾			
	•		-			, .	

: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) mation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of

sheets is recorded at the top of this form.

FORM N. 3-2 (Back)

Remarks: REPLACED VALVE SN# N57374-00-0001 NB# 829 WITH NEW VALVE SN# N57374-00-0010 NB# 838. VALVE # 1MS-43 (2MS-R1SA).
Applicable Manufacturer's Date Reports to be attached
ALSO REPLACED 2 MUTS AND THRO ROD LISTED ABOVE. CR 98-00485 WRITTEN TO DOCUMENT THIS NISS NOT INCLUDED IN CYCLE 4
•
SUMMARY REPORT.
\$\rightarrow for the first property of
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the
repair or replacement
ASME Code, Section XI.
•
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Cherry Braun Inspection & Test Supervisor Date Feb 13, 1998
Owney 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 <u>Hartford Steam Boiler Inspection and Insurance Company</u> of
One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 09-14-92 to 10-16-92 , 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 ASHE Code, Section XI. By signing this certificate 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, peither 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.
$\dot{A} = \dot{A} + $
Commissions NC 1042
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date Fab 16 19 98
Date /= 6 / 6 19 7 0

1. Owner <u>Carol</u>	l <mark>ina Power & Light</mark> N	: Company			Date <u>0</u>	1-23-98	
P.O. Box 1551, Raleigh, N. C. 27602-1551 Address						of <u>2</u>	
2. Plant <u>Shear</u>	on Harris Nuclear				Unit <u>1</u>		
P.O. Box 16	S, New Hill, N. C	<u>27562-0165</u>			NK/10	92-A1KH1	
3. Work Perform	ed by <u>Carolina</u>	Address Power & light Comp	eny			ganization P.O. No., Symbol Stamp	Job No., etc
	_	· Name 7562-0165	•				H/A
		Address			Expiration	n Date	H/A
. Identification	on of System: 20	50 - PRESSURIZER				CLASS 1	A
(b) Applicabl	e Edition of Sect		or Repairs of	dition <u>, WINTER 1976</u> Replacements 19 <u>8</u> onents			Code Cas
Name of Component VALVE	Name of Hanufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASHE Code Stamped (Yes or No)
VALVC	CROSBY	N56964-00- 0045	208	N/A	1976	REPLACED	YES
VALVE .	CROSBY	N56964-00- 0050	222	H/A	1976	REPLACEMENT	YES
INLET STUDS (5)	CROSBY	H/A	N/A	HEAT# 6L9968 HEAT CODE AOY	1991	REPLACEMENT	NO -
INLET STUD (1)	CROSBY	N/A	H/A	HEAT# 21719	1986	REPLACEMENT	но .
. Description o	f Work <u>: REPLACED</u>	, VALVE_NB# 208 WITH	I NEW VALVE N	B# 222 ALSO REPLACED	6 STUDS TO	TAL AS LISTED AROVE	
	•	1		ating Pressure 2		THE NO CIOICA ABOVE.	
	Other 🛚 P	ressure 2235	_psi Test T	emp. 557 of			

rmation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of

(12/82)

ets is recorded at the top of this form.

9.	Remarks: REPLACED VALVE NB# 208 WITH NEW VALVE NB# 222. VALVE 1RC-125 (1RC-R529SN). ALSO REPLACED 6 INLET STUDS PO# 660450
	Applicable Manufacturer's Date Reports to be attached
	AND PO# 6A3315. CR 98-00485 WRITTEN TO DOCUMENT THIS HISZ NOT INCLUDED IN CYCLE 4 SUMMARY REPORT.
	•
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
	repair or replacement
	ASHE Code, Section XI.
	•
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Cheen Brown Inspection & Test Supervisor Date Feb 13, 1998 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 Vesset Inspectors and the
	State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 09-13-92 to 11-16-92 , 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 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,
	Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements
	Date FE 5 16. 19 98

			<u>-::</u>				
1. Owner <u>Carol</u>	lina Power & Light (Nam				· Date0	2-09-98	
P.O. Box 15	551, Raleigh, N. C.	27602-1551 Address	· · · · · · · · · · · · · · · · · · ·	·	Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Shear</u>	ron Harris Nuclear F	Power Plant Name		,	Unit <u>1</u>		
P.O. Box 16	65, New Hill, N. C.	27562-0165 Address			WR/JO 88 Repair Orga	-AEFM1 anization P.O. No.,	Job No., etc
3. Work Perform	med by <u>Carolina Po</u>	ж <mark>ег & light Comp</mark> Name		<u>-</u>	Type Code :	Symbol Stamp	N/A
D O Pay 141					Authorizat	ion No.	N/A
P.U. BOX 163	5 New Hill, N.C. 275	Address		· · · · · · · · · · · · · · · · · · ·	Expiration	Date	N/A
4. Identificati	ion of System: 3005	- STEAM GENERATOR	₹		ASHE III, CI	ASS 2	
	ole Edition of Secti				83, Addenx	da <u>summer 1983</u>	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CAP SCREW	WESTINGHOUSE	H/A	N/A ,	HEAT# 6501	1974	REPLACEMENT	NO NO
							· ,
		,					
					1		
7. Description	of Work: REPLACED 1	CAP SCREW IN SEC	ONDARY MANWA	W OF STEAM GENERATOR	R 1A-SN. 1SG	:-E001	
8. Tests Conduc	eted: Hydrostatic C						
v	Other 🗵 Pr	essure <u>N/A</u>	_psi Test T	emp. <u>N/A</u> oF			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



9.	Remarks: NO PRESSURE TEST REQUIRED PER CODE INTERPRETATION XI-1-95-52 VOL. 41 AND XI-1-95-48 VOL. 40. Applicable Hanufacturer's Date Reports to be attached
	·
	CR 98-00485 WRITTEN TO DOCUMENT THIS NIS2 NOT INCLUDED IN THE CYCLE 4 SUMMARY REPORT.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement
	ASHE Code, Section XI.
	*
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Owner or Owner's Designee, Title
	i e
9	
٠	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 <u>Hartford Steam Boiler Inspection</u> and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 08-08-88 to 08-10-88 , 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 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, V
	EB Venta Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements
	Date <u>F6b 16 19 98 1</u>

	olina Power & Light (Nac			,	Date1	-16-98	
P.O. Box 1	1551, Raleigh, N. C.	27602-1551			Sheet 1	of <u>2</u>	
		Address	ē				·
Plant Shea	aron Harris Nuclear D			·	Unit1		
		Name			+		
P.O. Box 1	65, New Hill, N. C.	27562-0165	,	· · · · · · · · · · · · · · · · · · ·	WR/JO	97-AEHL1	·
		Address			Repair Or	ganization P.O. No.,	Job No., e
Work Perfor	med by <u>Carolina Po</u>	wer & light Comp Name			Type Code	Symbol Stamp	N/A
0.0.04/	F 11 1171 1 1 1 1 1 1 1 1 1 1				Authoriza	tion Ho.	N/A
P.U. BOX 10	5 New Hill, N.C. 275	Address +			Expiration	n Date	N/A
Identificat	ion of System 6175	- FIRE PROTECTI	ON GAGLEM				
•	· 						
	Clot of corporeties k	epart ed and kept	acement compo	nents			· · · · · · · · · · · · · · · · · · ·
Identifica	tion of Components R	epaired and Repl	acement Compo	nents			
				•			
							I ASMF
		1	National			Denoined.	ASHE Code
	Name of	Hanufacturer	National Board	Other	Year	Repaired, Replaced,	
omponent	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent HRD ROD			Board			Replaced,	Code Stamped (Yes
omponent HRD ROD 1)FT.	Manufacturer DUBOSE NATIONAL	Serial No.	Board No.	Identification HT # 70202	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent HRD ROD 1)FT.	Manufacturer DUBOSE NATIONAL ENERGY BOMMAN	Serial No.	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM	Built 1995	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No) NO
omponent HRD ROD 1)FT.	Manufacturer DUBOSE NATIONAL ENERGY BOMMAN	Serial No.	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM	Built 1995	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No) NO
omponent HRD ROD 1)FT.	Manufacturer DUBOSE NATIONAL ENERGY BOMMAN	Serial No.	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM	Built 1995	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No) NO
omponent HRD ROD 1)FT.	Manufacturer DUBOSE NATIONAL ENERGY BOMMAN	Serial No.	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM	Built 1995	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No) NO
omponent HRD ROD 1)FT. 2) NUTS	Manufacturer DUBOSE HATIONAL ENERGY BOWMAN DISTRIBUTION	Serial No. N/A N/A	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM	1995 1994	Replaced, or Replacement REPLACEMENT REPLACEMENT	Code Stamped (Yes or No) NO
ame of omponent HRD ROD 1)FT. 2) NUTS	Manufacturer DUBOSE HATIONAL ENERGY BOWMAN DISTRIBUTION	Serial No. N/A N/A	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM CPL# 726-148-60 PO# 7N7609	1995 1994	Replaced, or Replacement REPLACEMENT REPLACEMENT	Code Stamped (Yes or No) NO
Omponent HRD ROD 1)FT. 2) NUTS Description	Manufacturer DUBOSE HATIONAL ENERGY BOUMAN DISTRIBUTION Of Work: REPLACED (Serial No. H/A H/A 1) FT THRD ROD, /	Board No. H/A N/A	Identification HT # 70202 HEAT CODE - NAM CPL# 726-148-60 PO# 7N7609	1995 1994	Replaced, or Replacement REPLACEMENT REPLACEMENT	Code Stamped (Yes or No) NO
Description	Manufacturer DUBOSE HATIOHAL ENERGY BOUMAN DISTRIBUTION of Work: REPLACED (Serial No. H/A H/A 1) FT THRD ROD, /	Board No. N/A	Identification HT # 70202 HEAT CODE - NAM CPL# 726-148-60 PO# 7N7609 IN VALVE FLANGE ON 16 ating Pressure	1995 1994	Replaced, or Replacement REPLACEMENT REPLACEMENT	Code Stamped (Yes or No) NO

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of

(12/82)

sheets is recorded at the top of this form.

9.	Remarks: PRESSURE TEST NOT REQUIRED PER INTERPRETATION XI-1-95-48 VOL. 40 AND XI-1-95-52 VOL.41
	Applicable Manufacturer's Date Reports to be attached
	REFERENCE CR 97-3652 FOR USING ASTM NUTS IN A CODE CLASS 2 SYSTEM.
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
	repair or replacement
	ASHE Code, Section XI.
	•
	Time Code Combal Chara 11/4
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Claux Bibis Inspection & Test Supervisor Date F6 4 , 19 78
	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>North Carolina</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Company</u> of One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 05-06-97 to 11-10-97 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 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,
	\mathcal{L}_{i} , \mathcal{L}_{i}
	Inspector's Significant Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements
	Commissions NC 1042 Inspector's Signiture Date FEB 5 19 98

CYCLE 8

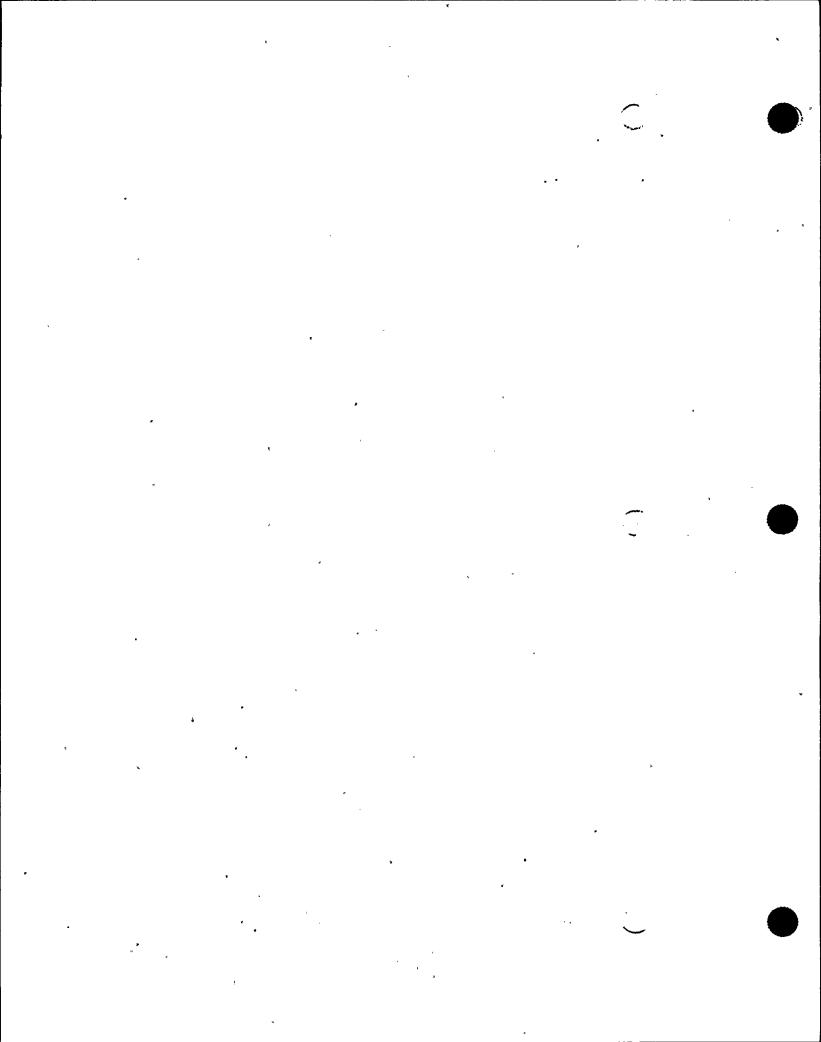
CLASS 1 NIS-2 FORMS

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CYCLE 8 CLASS 1 NIS-2 FORMS

WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
97-AFUN1	1SI-252	, N/A	1	Replacement
97-AHJG1	RC-H-220	N/A	1	* Replacement
97-AHJI ₁	RC-H-75A	N/A	. 1	Replacement
97-AHJM1	SI-H-119A	N/A	1	Replacement
97-AHJP1	SI-H-321	N/A	1	Replacement
97-AJLY1	1SG-E001	N/A	1	Replacement
97-AJQZ1 -	1CS-497	97-00676	1	Repair
97-ALLX1	1RC-123	N/A	. 1	Replacement
98-AHAY4	1RC-E001:008	N/A	• 1	Repair
98-AHEK1	1CS-497	N/A	1 .	Repair .
98-AHGA2	1CS-486	N/A	1	Repair
98-AHSI1	1SG-E002	N/A	1	Replacement



					•		
. Owner <u>Caroli</u>	na Power & Light				Date	12-15-98	
	Nai		t.				
P.U. BOX 155	1, Raleigh, N. C.	Address		······	Sheet 1	of2_	
Plant <u>Shearo</u>	n <u>Harris Nuclear (</u>	Power Plant	1		Unit1		1
		Name					
P.O. Box 165	, New Hill, N. C.	27562-0165 Address			WR/JO	97-AFUN1 ganization P.O. No.	4-6- 14-
Haak Daafaaa	d to						•
WOLK PELIGINE	d by <u>Carolina Po</u>	Name			h	Symbol Stamp	
P.O. Box 165 I	New Hill, N.C. 275	662-0165			Authoriza	tion No	N/A
	•	Address			Expiration	n Date	N/A
Identification	n of System:	SAFETY INJEC	TION	, , , , , , , , , , , , , , , , , , ,	SME III	CLASS 1	
/-> /			40 71 -				4
(a) Applicable	e Construction Cod	le <u>ASME Sect.III</u>	19 <u>74</u> Ed	dition, WINTER 1976	Ad	ddenda, N/A	Code
(b) Applicable	e Edition of Secti	on XI Utilized f	or Repairs o	Replacements 19 <u>89</u>	, Adder	nda <u>NO</u>	_
•			National			Repaired,	ASME Code Stamped
ame of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
ISK FOR ALVE SI-V548SB-1	SANDMEYER STL CO.	6042 (SEE REMARK 2)	W19817 (OF MAIN VALVE)	SEE REMARKS	N/A	REPLACED	Ю
ISK FOR ALVE SI-V548SB-1	SANDMEYER STL	6049	W22709 (OF MAIN VALVE)	HT # 636065,CPL # 731-778-42 PO# 166138	N/A	REPLACEMENT	Ю
				,			
	•	1			,	, p	
		,				,	
,		,	<u> </u>		J	<u> </u>	
Danasiskiss se	the terms to the	WE/000 4 /401 DE	·				
vescription of	Work: VALVE 1SI	V3485B-1 (151-25	DE)_UISK_KELA	CEMENT		· · · · · · · · · · · · · · · · · · ·	-
Tests Conducte		essure		rating Pressure O		•	
formation in it	al sheets in form	of lists, sketo on this report i	ches, or draw s included o	rings may be used, pr n each sheet, and (3)	ovided (1 each she) size is 8½ in. : et is numbered and	x 11 in., the number

٠.	Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR THE REPLACEMENT OF PRESSURE BOUNDARY PARTS. Applicable Manufacturer's Date Reports to be attached
	1.NEW DISK IS FROM SPARE VALVE SN 12001CS8800002000S740010 NB# W22709. 2. THE DISK IN VALVE 1SI-V548SB-1 HAS BEEN PREVIOUSLY
	REPLACED REFERENCE 95-ALKP1 R/R # NYS-SI-V548SB-01.
i de la compansión de l	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEME'IT conforms to the rules of the repair or replacement ASHE Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A Signed Owner or Owner's Designee, Title
	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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-04-98 to 11-12-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
	Date JAN 7 19 99

1. Owner <u>Carol</u>	ina_Power & Light , N	Company	· · · · · · · · · · · · · · · · · · ·		Date	11-02-98	
P.O. Box 15	51, Raleigh, N. C	. 27602-1551 Address		**************************************	Sheet 1	of2	
, 2. Plant <u>Shear</u>	on Harris Nuclear	Power Plant		····	Unit1		•
P.O. Box 16	5 <u>, New Hill, N. C</u>					,	
3. Work Perform	ed by <u>Carolina</u>	Address Power & light Comp	pany	·		. No., Job No., etc.	
	P.O. Box	Name 165 New Hill, N.C.				N/A	
. Idontificati		Address		-		N/A	
•		_				CLASS 1	•
				dition, <u>WINTER 1976</u> Replacements 19 <u>8</u>			
		*		ncement Components			
Υ	T				1	1	<u> </u>
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes
Snubber	Pacific Scientific	Serial No. S/N 9022	No. N/A	RC-H-220	1979	or Replacement Replaced	OF NO
Snubber	Pacific Scientific	S/N 8731	N/A	RC-H-220	1979	Replacement	No
						4	
7. Desci	ription of Work <u>: R</u>	teplaced Snubber S	/N 9022 with	Snubber S/N 8731 on	hanger RC-I	1-220	<u>!</u>
8. Tests	Conducted: Hydr	ostatic 🛭 Pneur	matic 🗆 Nom	inal Operating Press	ure 🛛		
	Othe	r 🛛 Pressure	N/Apsi				11 in., (2

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	•
Applicable Manufacturer's Date Reports to be attached	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the Code, Section XI.	ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Much a Par Inspection & Test Supervisor Date /2-/1 , 19 98	,
	-4
	_
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-29-98 to 10-30-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in to Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed by the National Board of Boiler and Pressure Vessel Inspectors and State Union of One State State of Inspector of Owner State Owner's Report.	his the
CO CO A	
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements	
Date DEC 17 19 98	

P.O. Box 1	Ni <u>551, Raleigh, N. C</u>				Sheet <u>1</u>	of <u>2</u>	
. Plant <u>Shea</u>	ron Harris Nuclear	Address Power Plant Name			Unit <u>1</u>		
P.O. Box 10	65, New Hill, N. C.			WR/JO 97-AHJ Repair Organ	I1 ization P.O	. No., Job No., etc.	
Work Perform	med by <u>Carolina P</u>	Power & light Comp Name				N/A	
Idontificat		Address		Expiration D	ate	N/A	
	ble Edition of Sect tion of Components		•	Replacements 198	39, Adder		T
		Manufacturer	National Board	Other	Year	Repaired,	ASME Code Stamped
lame of	I Name of		000.0				/Yee
component	Name of Manufacturer Pacific Scientific	Serial No. S/N 17511	No. N/A	Identification RC-H-75A	Built 1981	or Replacement Replaced	(Yes or No) No
Component Snubber	Manufacturer Pacific	Serial No.	· †	Identification	Built	or Replacement	or No)
Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 17511	N/A	Identification RC-H-75A	Built 1981	or Replacement Replaced	or No) No
Name of Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 17511	N/A	Identification RC-H-75A	Built 1981	or Replacement Replaced	or No) No
component Snubber Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 17511 S/N 26485	N/A N/A	Identification RC-H-75A	1981 1983	or Replacement Replaced Replacement	or No) No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
·	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the Code, Section XI. Repair or Replacement	ie ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
signed Muh a Par Inspection & Test Supervisor Date 12-11, 1998	
Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State that Inspection this Owner's Report during the period 11-02-98 to 11-04-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements	ate this
Date Dec 17 19 98	dj



(12/82)

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

1. Owner <u>Caro</u>	lina Power & Light				Date	11/9/98	•
	· N	lame					
P.O. Box 1	551, Raleigh, N. C	27602-1551 Address	•		Sheet 1	of2	
			*			•	
2. Plant Shea	<u>ron Harris Nuclear</u>	Power Plant Name		•	Unit		•
		<u>-</u>		·	_		
P.O. Box 16	<u>65, New Hill, N. C</u>	<u>. 27562-0165</u> Address		WR/JO 97-AHJM Repair Organi	1 zation P.O	. No., Job No., etc.	
7 Uank Danfass	and her Canalina	Davis 9 12-ba Gama		•		•	
J. WOLK PERIOR	med by <u>Carolina</u>	Name		iybe code sym	bot Stamp	N/A	•
	O O Pov	165 New Hill, N.C.	27542-0145		No	N/A	
	F.O. BOX	Address	21302-0103	Expiration Da	te	N/A	
4. Identificati	ion of System: 209	O-Passive Safety I	niection Syst	tem	ASHE III	CLASS 1	0
					NOTICE SEE	<u></u>	
5. (a) Applicat	ole Construction Co	ode _ASME_Sect.III	19 74 Ed	dition, WINTER 1976	Addenda.	N/A Code Case	
				•		•	
(b) Applicat	ole Edition of Sect	tion XI Utilized t	or Repairs or	Replacements 19 <u>89</u>	2, Adde	nda <u>· NO</u>	
6 Identificat	ion of Components	Denoticed on Dente	and and Samle				
o. Identificat	. Ton or components	кератгео ог керца	ced and kepta	cement Components			
				<u></u>			4045
	1.		1	FP ,	1 '	–	ASME Code
'Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	Stamped
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
Snubber	Pacific Scientific	S/N 8583	H/A	SI-H-119A	1981	Replaced	No
Snubber	Pacific Scientific	S/N 5202	N/A	SI-H-119A	1980	Replacement	No
	- 				ļ		<u> </u>
]		<u> </u>				
						- 	
		٠,				}	
	-		 	 	-		
	1.						
					<u> </u>		
7. Desc	ription of Work <u>: F</u>	Replaced_Snubber_S	<u>/N 8583 with</u>	Snubber S/N 5202 on h	nanger SI-	I-119A.	
						e	
8. Test	s Conducted: Hydr Othe	ostatic 🗆 Pneur er 🗹 Pressure	natic □ Nom N/A psi	inal Operating Pressu Test Temp. <u>N/A</u>	ire 🖸		
NOTE: C				• —		! !. ou	44 • .=
information in	ital sneets in for items 1 through 6 ded at the top of	on this report i	s included of	rings may be used, p n each sheet, and (3)	rovided (1) each she) size is 8½ in. x et is numbered and t	in., (2) he number of
	top 01						

2. Remarks: Applicable records are maintained in the plant vault and turnover package.	
P. Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Hanufacturer's Date Reports to be attached	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of Code, Section XI. Repair or Replacement	of the ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed With a Figure Inspection & Test Supervisor Date 12-11, 19 98 Owner or Owner's Designee, Title	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspects State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Or Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-03-98 to 11-05-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, conce examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connective inspection, Commissions NC 1042	ed in this
1/	

1. Owner <u>Car</u>	rolina Power & Lie						Date12/15	/98 :
		Name						
P.O. Box	1551, Raleigh, N					<u>-</u>	Sheet 1 of _	2
£		Address	1					
. Plant <u>She</u>	earon Harris Nucle						Unit 1	
		Name						
P.O. Box	165, New Hill, N.					97-AHJP1		
	•	Address			Repair	r Organiz	ation P.O. No., Jo	b No., etc
. Work Perfo	rmed by <u>Carolir</u>	na Power & light	Company		туре (Code Symb	ol Stamp N/A	
			Name		Author	rization '	NoN/A	
	P.O. Bo	x'165 New Hill,	N.C. 27562	-0165				
	,	Address			Expira	tion Dat	eN/A	·
. Identifica	tion of System:	2080-High Head	Safety Injec	ction System		AS	ME III. CLASS 1	
						4		
. (a) Applic	able Construction	Code ASME Sect	t.III 19_	74 Edition,	<u> WINTE</u>	R 1976	Addenda, <u>N/A</u> Cod	e Case
	•						-	
, (D) ADDIIC	able Edition of 5	ection XI Justific	zed for kepa	irs or kepia	cements	1989	, AddendaN	0
Tannići.					_			•
. identifica	ation of Componen	cs kepaired or H	Replaced and	1 Replacement	Compon	ents		
					,	11		Ĭ
				,				ASME
		1	National			ł	Repaired,	Code Stamped
Name of	Name of	Manufacturer	Board	Other		Year	Replaced,	(Yes
Component Snubber	Manufacturer Pacific	Serial No. S/N 15633	No.	SI-H-321	cion	Built 1981	or Replacement Replaced	or No)
	Scientific		j .,	1			pauceu	No
Snubber	Pacific	S/N 8630	N/A	SI-H-321	•	1979	Replacement	No
	Scientific	,		1				
								-
				<u> </u>				
]						
 								
7. Des	cription of Work <u>:</u>	Replaced Snubbe	or S/N 15633	With Coubba	r C/M 0	630 05 5		·
, ,, ,, ,,				ATON SHOOPS	* 3/1/ Q	OJO OCO	MAGE ST-U-291.	
8 To	ere Conducted. W	wdrostatia 🗆 1	Dansumania [7		B		
0. res	sts Conducted: Hy O		rneumatic L ure <u>N/A</u>			Pressure N/A		
VDP. Cummle-	ontol shares in f							
., (2) infor	ental sneets in t rmation in items :	orm or lists, s l through 6 on t	ketches, or his report	carawings mades included of	y be us on each	sed, prov sheet. a	ided (1) size is and (3) each sheet	8½ in. x is number
d the number	r of sheets is red	corded at the to	p of this f	orm.			te, esam budge	

. Re	marks: Applicable records are stored in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
	CERTIFICATE OF COMPLIANCE
	ertify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules he ASME Code, Section XI. Repair or Replacement
ТУТ	pe Code Symbol Stamp N/A
Ce	rtificate of Authorization No. N/A Expiration Date N/A
210	gned Much a Fy Inspection & Test Supervisor Date 12/29, 19 98 Owner or Owner's Designee, Title
	Switch of Switch of Designed, 12020
,	
	. CERTIFICATE OF INSERVICE INSPECTION
Inspection the total description of the terms of the term	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and rance Company of One State Street, Hartford Connecticut 06102 have inspected the components described his Owner's Report during the period 1/-2-98 to 1/-48 and state that he best of my knowledge and belief, the Owner has performed examinations and taken corrective measures ribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, erning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the ector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of kind arising from or connected with this inspection, Commissions NC 1042 Ispector's Signature National Board, State, Province, and Endorsements to TAN 1996
Dat	19 <u>77</u>

1. Owner <u>Caroli</u>	na Power & Light	Company me			Date	12-15-98	
P.O. Box 155	1. Raleigh, N. C.	<u>-</u>			Sheet <u>1</u>	of2	· · · · · · · · · · · · · · · · · · ·
2 Olean Channe	on Hannin West and	,					
2. Plant _Snearo	n Harris Nuclear	Name .	<u>.</u>		Unit1_		
P.O. Box 165	, New Hill, N. C.	27562-0165			WR/JO	97-AJLY1	1
		Address	•		Repair Org	panization P.O. No.,	Job No., etc
3. Work Performe	d by <u>Carolina P</u>				Type Code	Symbol Stamp	N/A
		Name	!	,	Authorizat	ion No	H/A
P.O. Box 165	New Hill, N.C. 27	562-0165 Address				Date	
/			4.				
+. Identification	n or System:	STEAM GENERA	TOR TA	A	SME III, C	LASS_1	
5. (a) Apolicable	e Construction Co	de ASME Sect.III	10 74 Fc	dition, WINTER 1976	. 44	denda N/A	Codo Coa
(b) Applicable	e Edition of Sect	ion XI Utilized f	or Repairs or	Replacements 19 <u>89</u>	, Adden	da <u>NO</u>	
6 Identificati	on of Components I	Penniced and Pont	acomont Compa	manta		·	
· · · · · · · · · · · · · · · · · · ·	ar or components i	repaired and kept	deneric compo				
		- [ASME
	}	-	Notional	A 4: %	ĺ ·	Banadana	Code
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	Stamped (Yes
Component MANWAY STUD 8	Hanufacturer T&T	Serial No.	No.	Identification HT # B47018, CP&L	Built '	or Replacement	or No)
STM GEN 1A	ENTERPRISES	,	n/A	# 731-556-32 PO# 1H2885	N/A	REPLACEMENT	NO
					x		
		_					<u> </u>
						,	
	A		*	···		1	
7. Description of	Work: REPLACED	STEAM GENERATOR 1	A PRIMARY MA	NWAY_STUD # 8			
3. Tests Conducto	ed: Hydrostatic (Other 図 P SEE REMARKS	ressure	Nominal Oper _psi Test	rating Pressure Tempof	*		
information in i	al sheets in form	n of lists, sketo on this report i	ches, or draw s included o	wings may be used, pronon cach sheet, and (3)	ovided (1) each shed) size is 8½ in. > et is numbered and	c 11 in., (2 the number o

2/82)

. Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-52 FOR THE REPLACEMENT OF PRESSURE BOUNDARY BOLTING.
Applicable Manufacturer's Date Reports to be attached
. CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement ASHE Code, Section XI.
Type Code Symbol Stamp N/A Expiration Date N/A
Signed Music Grave Inspection & Test Supervisor Date 1/06, 19 99 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-01-98 to 11-18-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
Date SAW 7 19 99

1. Owner <u>Caroli</u>	ina Power & Light C Nam				Date <u>1-</u>	08-98	
P.O. Box 155	51, Raleigh, N. C.	27602-1551 Address	***		Sheet 1	of2	
2. Plant Sheard	on Harris Nuclear P	ower Plant		•	Unit <u>1</u>		
P.O. Box 165	5, New Hill, N. C.	27562-0165 Address		· · · · · · · · · · · · · · · · · · ·	WR/JO 9	77-AJ0Z1 Janization P.O. No.,	Joh Ho etc
3. Work Performe	ed by <u>Carolina Po</u>					Symbol Stamp	-
P.O. Box 165	New Hill, N.C. 275					ion No	
4. Identificatio	n of System: 2060	***************************************	OLUME CONTROL	SYSTEM			
(b) Applicable		on XI Utilized fo	or Repairs or	Replacements 19 <u>8</u>			Code Case
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASHE Code Stamped (Yes or No)
VALVE	WESTINGHOUSE	03001CS88000 02000S740002	W18337	H/A ,	1978	REPAIRED	YES
SEAL CAP	ASTRO NUCLEAR DYNAMICS INC.	A-0147	H/A	HT # 24660	1997	REPLACEMENT	NO
							.a.
	-						
•	ed: Hydrostatic 🛭		Nominal Oper		ING SEAL CA	P SN # A-0147 AND WE	ELDING.
NOTE: Supplement information in i	al sheets in form tems 1 through 6 c	of lists, sketo on this report i	thes, or draw s included or	rings may be used, por each sheet, and (3	provided (1 b) each she) size is 8½ in. : et is numbered and	k 11 in., (2) the number of

(12/82)

sheets is recorded at the top of this form.

Remarks: VALVE NB # W18337 WAS REPAIRED BY INSTALLING SEAL CAP SN # A-0147 ONTO VALVE AND WELDING. VALVE # 1CS-497 (1CS-V504 Applicable Hanufacturer's Date 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 repair or replacement ASHE Code, Section XI.
Type Code Symbol Stamp N/A -
Certificate of Authorization No. N/A Expiration Date N/A
Signed Chard Engue Inspection & Test Supervisor Date JAN 14 , 1998 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 th State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company o
One State Street, Hartford Connecticut 06102 have inspected the components describe in this Owner's Report during the period 08-30-97 to 11-04-97 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in thi Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate 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 employe 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, Edge B Data Commissions NC 1042 Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
Date JAN 30 19 98

1. Owner <u>Caroli</u>	na Power & Light Co Nam				Date0	2-04-99	
P.O. Box 155	1. Raleigh, N. C.	27602-1551 Address	· · · · · · · · · · · · · · · · · · ·		Sheet 1	of <u>2</u>	
2. Plant <u>Shearo</u>	n Harris Nuclear Po		,		Unit <u>1</u>		
P.O. Box 165	, New Hill, N. C. 2	27562-0165 Address		· · · · · · · · · · · · · · · · · · ·	WR/JO 974	-ALLX1 enization P.O. No.,	Job No., etc.
3. Work Performed	d by <u>Carolina Po</u>	er & light Compa Hame	eny			Symbol Stamp N	
P.O. Box 165 I	New Hill, N.C. 2756	2-0165 Address				on No. N	-
4. Identification	n of System: <u>2050</u> -	PRESSURIZER			SME III. CL	ASS 1	
(b) Applicable	•	n XI Utilized fo	or Repairs or	tion, WINTER 1976 Replacements 1989 ents	· · · · · · · · · · · · · · · · · · ·	-	code case
Name of Component SAFETY VALVE	Name of Hanufacturer CROSBY VALVE &	Manufacturer Serial No. NS6964-00-	National Board No. 207	Other Identification N/A	Year Built 1976	Repaired, Replaced, or Replacement REPLACED	ASME Code Stamped (Yes or No) YES
1RC-123	GAGE COMPANY	0046	224		407/		
SAFETY VALVE 1RC-123	CROSBY VALVE & GAGE COMPANY	N5 696 4-00- 0052	224	H/A	1976	REPLACEMENT	YES
					le .		
						··········	
·	ed: Hydrostatic 🗆		Nominal Opera		LVE TAG NUN	BER 1RC-123 (1RC-R53	OSN-1)
information in i	al sheets in form tems 1 through 6 o d at the top of th	n this report is	hes, or drawi included on	ings may be used, preach sheet, and (3)	rovided (1) each shee	size is 8½ in. x t is numbered and t	11 in., (2) he number of

have inspected the components described

National Board, State, Province, and Endorsements

, and state that

	FORM NIS-2 (Back)
•	Remarks: PRESSURE TEST INCLUDED IN THE EST-227 PRESSURE TEST (CLASS 1 WALKDOWN). Applicable Manufacturer's Date Reports to be attached
	Appricable Hamilactures is bate reports to be attached
	1
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement
	ASKE Code, Section XI.
	Type Code Symbol StampN/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Null a Cur Inspection & Test Supervisor Date Z-8, 1999 Ouner or Owner's Designee, Title
	Owner or Owner's Designee, little
_	
	CERTIFICATE OF INSERVICE INSPECTION
	I the understand helding a unlid semicator issued by the Matienal Daniel of Dailon and Dasseyes Massel Masselland at the
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the

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 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

Commissions_

01-07-99

(12/82)

this inspection

One State Street, Hartford Connecticut 06102

Inspector's Signature

19_99

in this Owner's Report during the period 10-27-98

		Company ame			Date	12/21/98	-
P.O. Box 15	551, Raleigh, N. C	. 27602-1551	•		Sheet 1	of21	_
		, Address					
Plant Shear	ron Harris Nuclear	Power Plant Name		 	Unit <u>1</u>		- '
	·						
P.U. BOX 16	55,' New Hill, N. C	Address		WR/JO 98-AHA Repair Organi	zation P.O	. No., Job No., etc.	-
Work Perform	ned by <u>Carolina (</u>	Power & light Comp	anv ·	Type Code Sym	bol Stamo	N/A	
	`	Name				. N/A	_
	P.O. Box '	165 New Hill, N.C.	27562-0165				-
		. Address		•		H/A	-
Identificati	on of System: 100	05-Reactor Vessel	and Internals	s_System A	SHE III, C	LASS 1	-
	1		40 = -				
*		_		dition, <u>WINTER 1976</u>		-	
(b) Applicab	le Edition of Sect	tion XI Utilized f	or Repairs o	Replacements 19 <u>8</u>	9, Adde	nda <u>NO</u>	•
	•				1 *		
Identificat	ion of Components	Repaired or Repla	ced and Repla	ncement Components	,		
	<u> </u>			7	4	Î .	1
					d.	·	ASME Code
eme of	Name of	Manufacturer	National Board	Other	Year	Repaired,	Code Stamped
omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	Code Stamped (Yes
omponent kisting			Board No. N/A			Replaced,	Code Stamped (Yes
omponent kisting	Manufacturer Welding	Serial No.	Board No.	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent cisting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent cisting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent disting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent cisting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent kisting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
ame of omponent xisting anopy Seal	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent kisting	Manufacturer Welding	Serial No.	Board No. N/A	Identification Ht.XN7096& WMDC	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent xisting anopy Seal	Manufacturer Welding Svcs. Inc.	Serial No. CRDM Pen.#18	Board No. N/A	Identification Ht.XN7096& WMDC	Built 1998	Replaced, or Replacement Repaired	Code Stamped (Yes or No)
omponent xisting anopy Seal	Manufacturer Welding Svcs. Inc.	Serial No. CRDM Pen.#18	Board No. N/A	Identification Ht.XN7096& MMDC #36203& #36204	Built 1998	Replaced, or Replacement Repaired	Code Stamped (Yes or No)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached (1)Ref. Code Case N416-1 (2)Ref. Relief Request 2R1012	
(1)Ref. Code Case N416-1 (2)Ref. Relief Request 2R1012	
· · · · · · · · · · · · · · · · · · ·	
·	•
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>repair</u> conforms to the rules of ASHE Code, Section XI. Repair or Replacement	the
kepath of keptacement	
Type Code Symbol Stamp N/A	
Certificate of Authorization No. H/A Expiration Date N/A	
Signed Mah a Inspection & Test Supervisor Date 1-14, 19 99	1
Owner or Owner's Designee, Title	
	-
CERTIFICATE OF INSERVICE INSPECTION	
CONTILIONED OF THOUSANDS INDIPOLION	
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 One State	
Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period $1/-5-98$ to $1/-30-98$, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this	v
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this	s
Owner's Report in accordance with the requirements of the ASME Code. Section XI.	
By signing this certificate 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 employed	ie
evenimentally and data desired medical accounts a mile a probability that the the the the property that the control of the the property that the control of the the property that the property t	1
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with	:h
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wit	th
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.	th
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.	th
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 NC 1042	th

1. Owner <u>Carol</u>	ina Power & Light (Nam			1	Date	12-15-98		
P.O. Box 155	51, Raleigh, N. C.	27602-1551 Address			Sheet <u>1</u>	of2	····	
2. Plant <u>Shear</u> c	on Harris Nuclear D	Power Plant Name			Unit <u>1</u>	·		
P.O. Box 165	5, New Hill, N. C.	.,			WR/JO	98-AHEK1 ganization P.O. No.	lob No	
3. Work Performe	ed by <u>Carolina Po</u>		any			Symbol Stamp	•	
P.O. Rox 165	New Hill, N.C. 275			,	Authorization No. N/A			
1101 001 102	Men meet, most ers	Address			Expiration	n Date	N/A	
. Identificatio	on of System:	CHEMICAL AND	VOLUME CONTR	OL ASME	III, CLA	ss_1		
	e Edition of Secti on of Components R		-	Replacements 19 <u>89</u> nents	, Adder	nda <u>NO</u>	•	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement.	ASME Code Stamped (Yes or No)	
VALVE CAP TO BONNET WELD	N/A	N/A	N/A	FW-1, VALVE 1CS- 497	N/A	REPAIRED (SEE REMARKS)	NO	
* · · · · · · · · · · · · · · · · · · ·				at e i				
					•			
. Description o	ed: Hydrostatic C		Nominal Oper	AG BONNET TO CAP SEAL STATE AND ASSESSION OF SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEAL	WELD BY W	ELDING. VALVE 1CS-4	97	
nformation in i	al sheets in form tems 1 through 6 o	on this report is	hes, or draw s included or	rings may be used, pro n each sheet, and (3)	ovided (1 each she) size is 8½ in. et is numbered and	x 11 in., (2 the number o	

. Remarks:PRESSURE 1	TEST NOT REQUIRED FOR PIPE HANGER DISASSEMBLY.
	Applicable Manufacturer's Date Reports to be attached
WELD MATERIAL USED	D FOR REPAIR:3/32" E316 HT/LOT 0694D PO H13249
	•
,	
	,
· · · · · · · · · · · · · · · · · · ·	CERTIFICATE OF COMPLIANCE
We certify that	t the statements made in the report are correct and this <u>REPAIR</u> conforms to the rules of the repair or replacement
ASME Code, Section XI	
Type Code Symbol Stam	ma N/A
Certificate of Author	rization No. N/A Expiration Date N/A
Signed Man	
Owner or O	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 the Connecticut 06102 have inspected the components described
in this Owner's Repor	rt during the period 11-10-98 to 11-21-98 , and state that
to the best of my kno	owledge and belief, the Owner has performed examinations and taken corrective measures described in this cordance with the requirements of the ASME Code, Section X1.
By signing this cer	rtificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corr	rective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer my manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection,	
E/31) and	Commissions NC 1042
Inspecto	or's Signature National Board, State, Province, and Endorsements
Date JAN	7 ₁₉



(12/82)

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

1. Owner <u>Carol</u>	ina Power & Light (Nam				Date	12-15-98	
P.O. Box 155	51, Raleigh, N. C.	27602-1551 Address			Sheet 1	of <u>*</u>	·
2. Plant Sheard	on Harris Nuclear F	Power Plant			Unit <u>1</u>		•
	•	Name			•		
P.O. Box 165	i, New Hill, N. C.	27562-0165 Address	······································		WR/JO Repair Ore	98-AHGA2 ganization P.O. No.,	Job No. etc
3 Work Performs	rd hy Carolina Po	was & light Comp	amv.			·	•
3. Work Performed by <u>Carolina Power & light Company</u> Name					Type Code Symbol Stamp N/A Authorization No. N/A		
P.O. Box 165	New Hill, N.C. 275	662-0165			Authorizat	tion No.	N/A
	•	Address		-	Expiration	Date	N/A
4. Identificatio	n of System:	CHEMICAL AND	VOLUME CONTR	OL ASI	E III, CLA	SS 1	
4	٠,	9				r	
5. (a) Applicabl	e Construction Cod	le ASME Sect.III	19 <u>74</u> Ed	lition, WINTER 1976	Ac	idenda, N/A	Code Case
(b) Applicabl	e Edition of Secti	on XI Utilized fo	or Repairs or	Replacements 19 <u>8</u>	9, Adder	nda <u>NO</u>	
							,
6. Identificati	on of Components R	epaired and Repla	acement Compo	nents			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes
VALVE CAP TO	N/A	N/A ·	H/A	FW-1, VALVE 1CS-	N/A	REPAIRED (SEE	NO
BONNET, WELD				486		REMARKS)	
				,			
	·	ļ	ļ				_
		ĺ					
		-			-		
		-					
							1
			h				
7. Description o	f Work <u>: REPAIRE</u>	D INDICATIONS FOU	ND IN EXISTI	NG BONNET TO CAP SEAL	WELD BY W	ELDING. VALVE 1CS-48	36
8. Tests Conduct] Pneumatic □ sure <u>2250</u> psi		ating Pressure 図 559oF	4		-
information in i	al sheets in form tems 1 through 6 o	on this report is	thes, or draw s included or	rings may be used, po n_each sheet, and (3	rovided (1) each she) size is 8½ in. : et is numbered and	x 11 in., (2) the number of

. Remarks: PRESSURE TEST NOT REQUIRED FOR PIPE HANGER DISASSEMBLY.
Applicable Manufacturer's Date Reports to be attached
WELD MATERIAL USED FOR REPAIR:3/32" E316 HT/LOT 0694D PO H13249
CERTIFICATE OF COMPLIANCE
•
We certify that the statements made in the report are correct and this <u>REPAIR</u> conforms to the rules of the
ASHE Code, Section XI.
none cody occion his
Type Code Symbol Stamp N/A
Considerate of Authorization Up. 11/A Contration Date 11/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Wlash a Togy Inspection & Test Supervisor Date 1/06, 19 99
Owner or Owner's Désignee, 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
One State Street, Hartford Connecticut 06102 have inspected the components described
in this Owner's Report during the period 11-10-98 to 11-21-98 , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector 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,
Commissions NC 1042
Inspector's Signature National Board, State, Province, and Endorsements
Date JAW 7 19 99

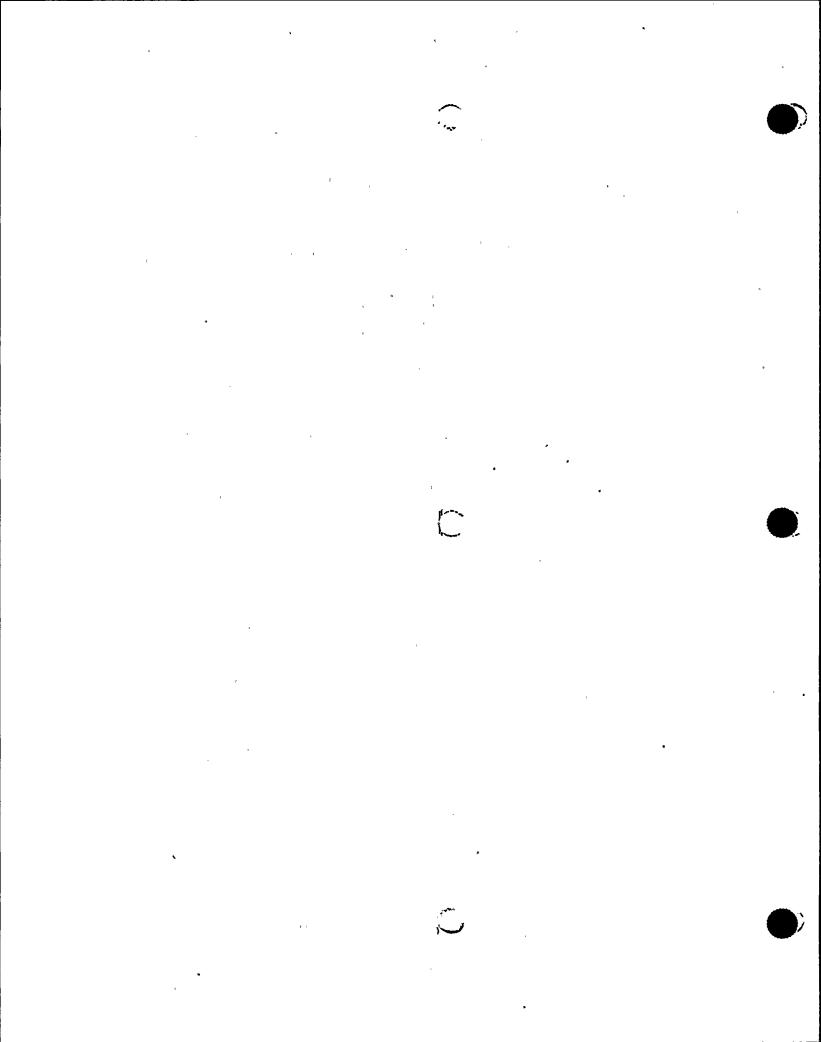
1. Owner <u>Caroli</u>	ina Power & Light Na	Company			Date	12-15-98	
P.O. Box 155	51, Raleigh, N. C.	,			Sheet 1	of2	
2. Plant <u>Shear</u>	on Harris Nuclear (· · · · · · · · · · · · · · · · · · ·	·	Unit <u>1</u>		
P.O. Box 165	, New Hill, N. C.				WR/JO Repair Or	98-AHSI1	Job No. etc
3. Work Performe	ed by <u>Carolina Po</u>					Symbol Stamp	•
P.O. Box 165	New Hill, N.C. 279	562-0165 Address				n Date	
4. Identificatio	on of System:	STEAM GENERA	TOR 1B			CLASS 1	
(b) Applicabl		ion XI Utilized f	or Repairs or	dition, <u>WINTER 1976</u> Replacements 19 <u>89</u> Ments			
Name of Component	Name of	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
MANWAY STUD 7 STM GEN 1B	T&T ENTERPRISES	T86	N/A	HT # 847018, CP&L # 731-556-32 PO# 1H2885	N/A	REPLACEMENT	но
					,		
7. Description o	f Work <u>: REPLACED</u>	STEAM GENERATOR 1	B PRIMARY MA	NWAY STUD # 7			
8. Tests Conduct		ressure		rating Pressure Impof			*
information in i	al sheets in form tems 1 through 6 ed at the top of t	on this report i	ches, or draw s included o	rings may be used, pr n each sheet, and (3)	rovided (1 each she	l) size is 8½ in. : ect is numbered and	x 11 in., (2) the number of

12/82)

9.	Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-52 FOR THE REPLACEMENT OF PRESSURE BOUNDARY BOLTING.
	Applicable Manufacturer's Date 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
	repair or replacement ASHÉ Code, Section XI.
	ASHE GODE, SECTION AT:
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A I
	Signed Mach a Par Inspection & Test Supervisor Date 1/06 1, 19 79 Owner or Owner's Designee, Title
	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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-20-98 to 11-20-98 , and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector 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,
	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date JAN 7 19 99
	Date JAN 7 19 99

CYCLE 8

CLASS 2 NIS-2 FORMS



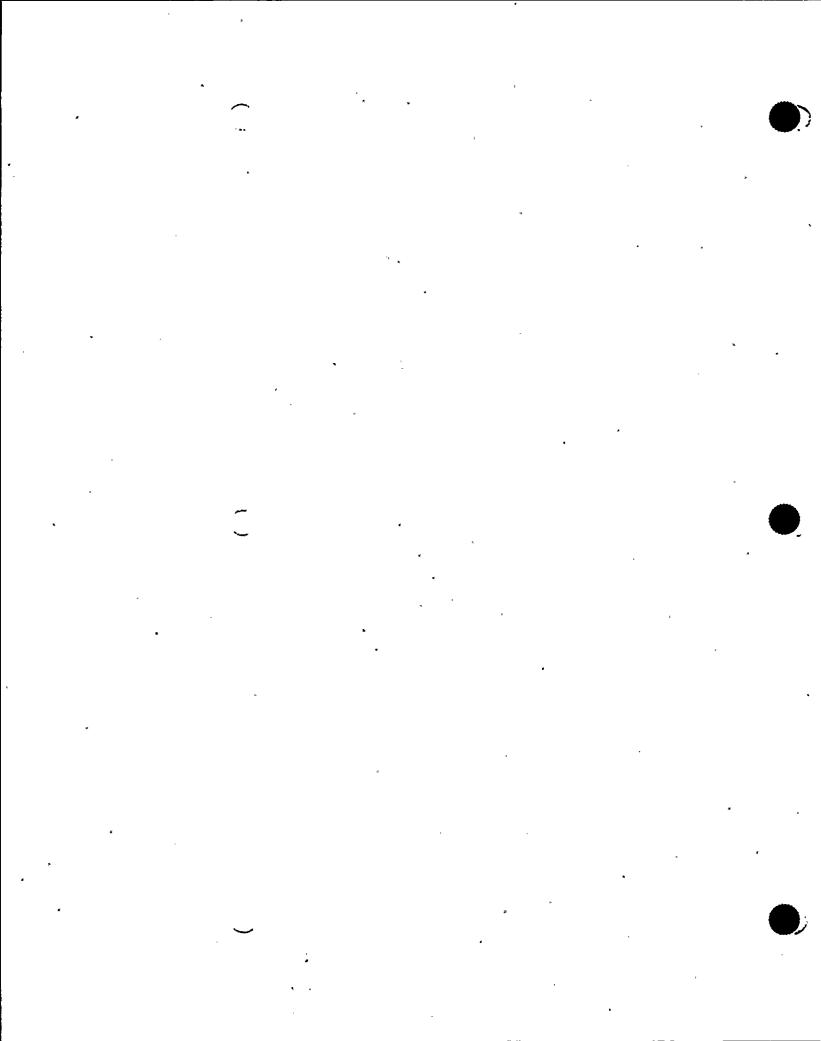
CYCLE 8 CLASS 2 NIS-2 FORMS

WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
96-AEXC1	1RH-26	N/A	2	Replacement
97-AAUR1	1CS-303	N/A	2	Replacement
97-ACBU1	1AV-AH9B:003	N/A	. 2	Replacement
97-AEML1	1FP-347	N/A '	2	Replacement
97-AFHR1 .	1CS-480	N/A	2	Replacement
97-AFYP1	1CS-761	N/A	2 .	Replacement
97-AFZY3	1MS-85	N/A	2 .	Replacement -
97-AGKD1	1CV-E002:006	N/A __	2	Replacement
97-AHDQ3	SI-H-1076	N/A	2 ,	Replacement
97-AHFX1	BD-H-351A	N/A	2 .	Replacement
97-AHGA1A	1-AF-1-02	96-00449	2	Replacement
97-AHGA1B	1-AF-2-02	96-00449	2	Replacement
97-AHGA1C	1-AF-3-01	96-00449	2	Replacement
97-AHGA2	· AF-H-298	96-00449	2	Replacement
97-AHGA2	AF-H-309	96-00449	2	Replacement
97-AHGA3`	AF-H-295	96-00449	2	Replacement
97-AHGA4	AF-H-365	96-00449	2	Replacement
97-AHGA5 =	AF-H-299	['] 96-00449 .	2	Replacement
97-AHGB1	1-AF-14	N/A	2	Replacement
				A.

, " . . • 4 •

WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
97-AHGB1	1-AF-17-01	N/A	2	Replacement
97-AHGC1	BD-H-351B	N/A	2	Replacement
97-AHGD1	BD-H-353	N/A	2	Replacement
97-AHGE1	BD-H-424 .	N/A	2	Replacement
97-AHHB1	AF-H-314A	N/A	, 2 ·	Replacement
97-AHHC1	AF-H-314B	N/A	2	Replacement
97-AHHG1	CS-H-168	N/A ·	2	Replacement
97-AHHH1	CS-H-659 \	N/A	2	Replacement
97-AHHI1	CS-H-41A	N/A	2	Replacement
97-AHHJ1	CS-H-41B	N/A	. 2	Replacement
97-AHIK1	AF-H-320A	N/A	2	Replacement
97-AHIL1	AF-H-363	N/A	2	Replacement
97-AHIR1	CS-H-427	N/A .	2	Replacement
97-AHJA1	FW-H-118	N/A	2	Replacement
97-AHJB1	FW-H-208	N/A	. 2	Replacement
97-AHJC1	MS-H-26B	98-418	2	Replacement
97-AHJJ1	RH-H-176A	N/A	2	Replacement
97-AHJK1	SI-H-203A	N/A	2	Replacement
97-AHJL1	SI-H-203B	N/A	2 .	Replacement
97-AHJN1	SI-H-30B	N/A	2	Replacement
97-AHJQ1	SW-H-2005	N/A	2	Replacement
			•	

97-AIIZ1 1MS-52 N/A 97-AIJA1 1MS-54 N/A 97-AIJB1 1MS-48 N/A 97-AIZF1 ' 1AF-158 N/A		2 2	Replacement
97-AIJB1 1MS-48 N/A		_. 2 .	.
			Replacement
97-AIZF1 ' 1AF-158 N/A		,2	Replacement
		2	Replacement
97-AIZG1 1FW-216 N/A		2	Replacement
97-AJIK6 1-FW-135 N/A		2	Repair
97-AJLB1 SI-H-10 N/A		2	Replacement
97-AJNB1 1SG-E002 N/A	•	2	Replacement
97-AJZW1 1AF-153 N/A		2	Repair -
97-AKSY1 1AF-157 98-00456		2	Repair
98-ABFJ1 1BD-11- N/A		2	Replacement
98-ABFK1 1BD-30 N/A	* "	2	Replacement
98-ABJJ1 1CS-487 N/A		2	Replacement
98-ABRF1 1MS-51 N/A	'	2	Repalcement
98-AÇMC1 1CS-261 N/A		2	Replacement
98-ACNW1 1CS-155 N/A		. 2	Replacement
98-ACNW3 CS-H-1394 N/A		2	Replacement
98-ACNX1 1CS-156 N/A		2	Replacement
98-ACNX3 CS-H-1395 N/A		2	Replacement
98-ACNY1 1CS-318 N/A		2	Replacement
98-ACPA1 1CS-321 N/A		. 2	Replacement



WR/JO NUMBER	TAG	ESR NUMBER	ASME CODE CLASS	REPAIR OR REPLACEMENT
98-ACPC1	1CS-140	N/A	2	Replacement
98-ACPD1	1CS-141	N/A	. 2	Replacement
98-ACPE1	1CS-142	N/A	2	Replacement
98-ACPF1	1CS-143	N/A	2	Replacement
98-ACPG1	1CS-144	N/A	2	Replacement
98-ACPI1	1CS-146	N/A	2	Replacement
98-ACTC1	1-AF-16-01	N/A	2	Replacement
98-ACTC2	AF-H-343	N/A	2	Replacement
98-ACTC3	1-FW-H-720	N/A	2	Replacement
98-ADAK1	1SG-E003	N/A	2	Replacement
98-ADIP1	1-BD-H-620	98-00031	2	Replacement
98-ADRC4	SI-H-897	N/A	2	Replacement
98-AFGT1	1CT-62	N/A -	2 .	Replacement
98-AGWH1	CT-H-895	N/A	2	Replacement
98-AHAN3	SW-H-2362	N/A	2	Replacement £
98-AHBK1	FW-H-721	N/A	2	Replacement
98-AHBR1	1AF-68	N/A .	2	Replacement
98-AHIQ1	BD-H-70	N/A	2	Replacement
98-AHPI1	AF-H-296	N/A	2	Replacement
98-AHPI1	AF-H-299	N/A \	2	Replacement
98-AHPI1	AF-H-300	N/A ,	2	Replacement

WR/JO NUMBERTAGESR NUMBERASME CODE CLASSREPAIR OR REPLACEMENT98-AHPI1AF-H-365N/A2Replacement

1.	Owner <u>Caroli</u>	na Power & Light C				Date <u>02</u> -	01-99	
•	P.O. Box 155	I, Raleigh, N. C.	-			Sheet 1	of2	
2.	Plant <u>Shearor</u>	n Harris Nuclear Pe	,,,,,,,		· · · · · · · · · · · · · · · · · · ·	Unit <u>1</u>		
	P.O. Box 165	New Hill, N. C. ?				WR/JO 9	6-AEXC1 enization P.O. No.,	Job No., etc
3. 1	Work Performed	i by <u>Carolina Po</u>	ver & light Compo Name	xny			Symbol Stemp N	
1	P.O. Box 165 N	lew Hill, N.C. 2756	52-0165				ion No. N	
			Address		 	Expiration	DateN	/A
4.	Identification	of System: 2085 -	LOW HEAD SAFETY	INJECTION AN	O RHR SYSTEM A	SHE III, CI	ASS 2	
((b) Applicable		on XI Utilized fo	or Repairs or	tion, <u>WINTER 1976</u> Replacements 19 <u>89</u>		•	Code Case
						,		
	Name of Component VALVE PLUG	Name of Manufacturer KEROTEST MFG.	Manufacturer Serial No.	National Board ∘No. N/A	Other Identification HT. CODE FAZ	Year Built	Repaired, Replaced, or Replacement REPLACED	ASME Code Stamped (Yes or No)
	ASSEMBLY	CORP.	"/^	P #//	HI. COUE PAL	''''	, REPLACED	NO
	VALVE PLUG ASSEKBLY	YARWAY.	H/A	N/A	HT. CODE D-12	1984	REPLACEMENT	но
	APT (,	`
					-			
				,			,	
7. (Description of	Work: REPLACED PL	UG AND STEM ASSE	EMBLY IN VALV	E TAG NUMBER 1RH-26.			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



. Remarks: PRESSURE TESTING NOT REQUIRED PER CODE INTERPRETAT	ON XI-1-95-48 FOR THE REPLACEMENT OF INTERNAL PRESSURE BOUNDARY
Applicable Manufacturer!s	Date Reports to be attached
PARTS.	
•	•
	•
CEDTIFICATE	OF COMPLIANCE
CERTIFICATE	OF COMPHIANCE
We certify that the statements made in the report are of	orrect and this REPLACEMENTconforms to the rules of the
	repair or replacement
ASNE Code, Section XI.	
	r
Type Code Symbol Stamp N/A	
Certificate of Authorization NoN/A	Expiration Date W/A
Signed Thun a row Inspection & Test Super Owner or Owner's Designee, Title	visor Date 2-4, 19 99
omer of omer a occigincy field	
, CODMINICAMO ON IN	SERVICE INSPECTION
CERTIFICATE OF IN	SERVICE 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 Hartfor One State Street, Hartford Connecticut 06102	d Steam Boiler Inspection and Insurance Company of have inspected the components described
in this Owner's Report during the period 11-03-98	to 11-24-98 , and state that
to the best of my knowledge and belief, the Owner has perfor	med examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASH By signing this certificate neither the Inspector nor his e	mployer 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 properties inspection,	erty damage or a loss of any kind arising from or connected with
(3)	
Inspector's Signature	missions NC 1042 National Board, State, Province, and Endorsements
Date FEb 8 19 99	
Date / E 0 8 19 77	
	· · · · · · · · · · · · · · · · · · ·

1. Owner <u>Caroli</u>	na Power & Light (Date	12/17/98	
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address			Sheet 1	of <u>2</u>	•
2. Plant <u>Shearo</u>	n Harris Nuclear F				Unit <u>1</u>	,	
		Name ,					
P.O. Box 165	<u>, New Hill, N. C.</u>	27562-0165 Address		WR/JO 97-AAUR Repair Organi	1 zation P.O.	No., Job No., etc.	
3. Work Performed	d by <u>Carolina Po</u>	wer & light Comp	any	Type Code Symi	ool Stamp _	N/A	
	D.O. Boy 14		27542-0145	Authorization	No	N/A	
	P.U. BOX 10	5 New Hill, N.C. Address	2/302-0103	Expiration Date	te	N/A	
4. Identification	n of System: <u>2060-</u>	Chemical and Volu	me Control S	ystem As	SME III, CL	ASS 2	
				ition <u>, WINTER 1976</u> Replacements 19 <u>85</u>		<u> </u>	
6. Identification	on of Components R	epaired or Replac	ed and Repla	cement Components			
		,					ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No)
Valve 1CS-303	Colonial Rubber Co.	N/A	N/A	Diaphragm EPDM P.O. 8N5082	1997	Replacement	No
							-
				*			
	•				<u> </u>		
7. Descri	iption of Work <u>: Re</u>	placed diaphragm	on valve 1CS	-303. End of life. P/	N 722-838-	72.	
8. Tests	Conducted: Hydro	static □ Pneum ☑ Pressure _		inal Operating Pressu Test Temp. <u>N/A</u>	re 🛘 of		
information in it	al sheets in form tems 1 through 6 o d at the top of th	on this report is	hes, or draw included or	ings may be used, p each sheet, and (3)	rovided (1 each she) size is 8½ in. > et is numbered and	(11 in., (2) the number of

PRESSURE TESTING NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48. 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. Repair or Replacement
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A Signed Mul a Puri Inspection & Test Supervisor Date 1/04 , 19 79 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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-04-98 to 11-21-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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,
EVS Daytor Commissions NC 1042
Inspector's Signature Commissions NC 1042 Date Date 19 99

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

1. Owner <u>Caroli</u>	na Power & Light Na		1	· · · · · · · · · · · · · · · · · · ·	Date	12-18-98	
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address	- 		Sheet 1	of2	
2. Plant Sheard	n Harris Nuclear (*		Unit 1		
		Name		•	<u> </u>	-	
P.O. Box 165	New Hill, N. C.	27562-0165 Address		WR/JO 97-ACBU1	ation P.O.	No., Job No., etc.	
3. Work Performe	d by <u>Carolina Po</u>		eny	-		N/A	
	•	Name				N/A	
	P.O. Box 16	55 New Hill, N.C. Address	27562-0165		-	N/A	
4. Identification	n of System: <u>8210</u>)-HVAC Auxiliary	Building	AS			
						N	
				ition, <u>WINTER 1976</u>		•	1
(b) Applicable	e Edition of Secti	on XI Utilized f	or Repairs or	Replacements 19 89	, Adden	da <u>NO</u>	
6. Identification	on of Components R	epaired or Repla	ced and Reptac	cement Components			
			'	49-7			ASME Code
Name of Component	Name of Manufacturer	Hanufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Stamped (Yes or No)
(32) Nuts _,	Dubose Nat. Energy Svcs.	N/A	N/A ·	Ht.#X82013 LAD P/N 727-417-88 P.O. 9A7475BK	1993	Replacement	No
Threaded Rod (5) 5/8"x 11	Dubose Nat. Energy Svcs.	N/A	N/A	Ht.#NBA P/N 514-117-00 P.O. 8P6547CJ	1997	. Replacement	No
		,					
			1				
		-					
7. Descr	iption of Work <u>: Ir</u> ing Pump 1B-SB Are	nstalled new Stud	s and Nuts on	inlet and outlet spo	ol pieces	after inspections we	re performed
	Conducted: Hydro			nal Operating Pressur Test Temp. N/A	e 🛛 of		
information in i	al sheets in form tems 1 through 6 and at the top of t	on this report i	thes, or drawi s included on	ings may be used, pr each sheet, and (3)	ovided (1) each shee) size is 8½ in. x et is numbered and th	11 in., (2) he number of
(12/82)	- 30 400 400 41 6					¥	

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Hanufacturer's Date Reports to be attached	
NO PRESSURE TESTING IS REQUIRED PER CODE INTERPRETATION XI-1-95-52.	
,	
	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the r Code, Section XI. Repair or Replacement	ules of the ASME
Type Code Symbol StampN/A	· · ·
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Mull a Par Inspection & Test Supervisor Date 1/04 , 199 Owner or Owner's Designee, Title	<u>, 4</u>
ļ	
CERTIFICATE OF INSERVICE INSPECTION	b
1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel In State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 08-18-98 to 08-26-98 and to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures de Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector no shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or this inspection.	of <u>One State</u> state that scribed in this concerning the or his employer
Inspectir's Signature Commissions NC 1042 National Board, State, Province, and Endorsement	
	nts
Date JAN 6 19 99	
,	ŀ

1. Owner <u>Carol</u>	ina Power & Light Na	Company Re			Date1	-16-98	
P.O. Box 15	51. Raleigh. N. C.	27602-1551 Address	·		Sheet 1	of2	
2. Plant <u>Shear</u>	on Harris Nuclear	Power Plant Name		· · · · · · · · · · · · · · · · · · ·	Unit <u>1</u>		 -
P.O. Box 16	5. New Hill, N. C.	27562-0165 Address			UR/JO 9 Repair Org	77-AEXL1 ganization P.O. No.,	Job No., etc
3. Work Perform	ed by <u>Carolina P</u>	ower & light Comp Name		 	Type Code	Symbol Stamp	N/A
P.O. Box 165	New Hill, N.C. 27	562-0165	•			ion No.	
		Address				Date	
4. Identification	on of System: 617:	5 - FIRE PROTECTI	ON SYSTEM	^	SME_111_C	CLASS 2	
5. (a) Applicab	le Construction Co	de _ASME_Sect.III	19 <u>74</u> Ed	ition, <u>WINTER 1976</u>	Ad	Idenda, N/A	Code Case
(b) Applicab	le Edition of Secti	ion XI Utilized f	or Repairs or	Replacements 1983	, Adden	da <u>SUMMER 1983</u>	
6. Identificat	ion of Components F	tepaired and Rept	acement Compo	nents			
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board	Other	Year	Repaired, Replaced,	ASHE Code Stamped (Yes
THRD ROD (1)FT.	DUBOSE NATIONAL ENERGY	N/A	No. N/A	Identification HT # 70202 HEAT CODE - NAM	1995	or Replacement REPLACEMENT	NO NO
(2) NUTS	BOMMAN DISTRIBUTION	N/A	H/A	CPL# 726-148-60 PO# 7N7609	1994	REPLACEMENT	МО
,		,					
				,		·	
•							
				1	•		
7. Description o	of Work <u>: REPLACED (</u>	1) FT THRO ROO, A	ND (2) NUTS 1	N VALVE FLANGE ON 1FF	-347 (2FP-	-B1SA)	
3. Tests Conduct	ed: Hydrostatic C Other 🖾 Pr			ating Pressure Emp. N/A of			
NOTE: Supplement	tal sheets in form	of lists, sketc	hes. or deay	ings may be used, or	ovided (1	l ciza ic 814 in l	v 11 in 221

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of

(12/82)

beets is recorded at the top of this form.

Date 12/18/98

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

1. Owner Carolina Power & Light Company

2/82)

· · · · · · · · · · · · · · · · · · ·	Nai	me					
P.O. Box 155	1, Raleigh, N. C.	27602-1551			Sheet 1	,of2	
		Address	_		A		4
2. Plant _Sheard	on Harris Nuclear (Power Plant			Unit1		
		Name	ŀ		,		
P.O. Box 165	, New Hill, N. C.				WR/JO	97-AFHR1	
		Address	4		Repair Org	ganization P.O. No.,	Job No., etc.
3. Work Performe	d by <u>Carolina Po</u>			<u></u>	Type Code	Symbol Stamp	N/A
		Name		• ,	Authorizat	ion No	N/A
P.O. Box 165	New Hill, N.C. 275	562-0165 Address				Date	
/ !donaidionai	n of 0						N/A
4. Identificatio	n or system:	CHEMICAL AND	VOLUME_CONTR	OL AS	ME III, CL	ASS_2	
5. (a) Applicable	e Construction Cod	do ASNE Soot III	10 7/ 54	ition, WINTER 1976			
(b) Applicabl	e Edition of Secti	ion XI Utilized fo	or Repairs or	Replacements 19 <u>89</u>	, Adden	da <u>NO</u>	ı
o. Identificati	on of Components R	Repaired and Repla	acement Compo	nents			
			Ţ - ·				T
				٨	1	,	ASME Code
II was a co			National			Repaired,	Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
PLUG FOR VA.	CARTECH	3010	N/A	N/A	N/A	REPLACED	NO NO)
2CS-V503SN-1			1	•			
PLUG FOR VA. 2CS-V503SN-1	COPES-VULCAN	N/A	N/A	CP&L PART #	N/A	REPLACEMENT	NO
203-730338-1		,		724-330-22 P0#9C1776, HT62348		,	
1					,		
ľ	-	1					
ļ						1	
<u></u>			<u> </u>		<u> </u>		
		•					
7. Description of	f Work <u>: VALVE 2CS</u>	-V503SN-1 (1CS-48	O) PLUG RELAC	EMENT			*
				•			
8. Tests Conducte	ed: Hydrostatic C] Pneumatic [] ressure	Nominal Opera	ating Pressure			
	SEE REMARKS	••	_psi 1686 l	етроғ			
NOTE: Supplement	al sheets in form	of lists, sketc	hes. or draw	ings may be used, pr	ovided (1) cizo ie 914 i-	v 11 in 125
information in i	tems i through 6	on this report is	s included or	each sheet, and (3)	each shee	et is numbered and	the number of
Sucets is recorde	ed at the top of t	nis torm.					*

9.	Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION X1-1-95-48 FOR THE REPLACEMENT OF PRESSURE BOUNDARY PARTS. Applicable Manufacturer's Date Reports to be attached
	· · · ·
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement ASHE Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Want a Far Inspection & Test Supervisor Date 1/06, 19 79 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
	have inspected the components described
	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 VI
	By signing this certificate 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.
	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Date TAV 7 19 99

		•					
. Owner <u>Carol</u>	ina Power & Light (Date	01-29-99	
	Nan	DE .	>			ı	
P.O. Box 15	51, Raleigh, H. C.	27602-1551			Sheet 1	of <u>2</u>	
		Address			•	1	
. Plant Sheard	on Harris Nuclear F	ower Plant			Unit 1		1
		Name		•	<u></u>	· · · · · · · · · · · · · · · · · · ·	
D 0 Pay 165	ם עו עוגע איי	27542-0145			10/10 07		
- F.O. BOX 10.	5, New Hill, N. C.	Address			WR/JO 97	nization P.O. No.,	Job No. e
					-	·	•
Work Performe	ed by <u>Carolina Po</u>	<u>wer & light Comp</u> Name	any	·	Type Code S	Symbol Stamp	i/A
		nair			Authorizati	on No	I/A
P.O. Box 165	New Hill, N.C. 275						
		Address			Expiration	Date	I/A
Identification	on of System: 2060	- CHEMICAL AND VO	LUME CONTROL	SYSTEM AS	ME III. CLA	ss 2	
							
(a) Apolicabl	e Construction Cod	e ASME Sect.III	19 74 Fdi	tion, <u>WINTER 1976</u>	Add	enda N/A	Codo C
							code c
(b) Applicabl	e Edition of Secti	on XI Utilized fo	or Repairs or	Replacements 19 <u>89</u>	, Addend	a <u>NO</u>	
Identificati	on of Components R	epaired and Repla	cement Compon	ents		*	
		÷	·				
	,				Í		ASHE Code
	1		National	•	T I	Repaired,	Stamped
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
VALVE PLUG	Hanufacturer BW/IP	Serial No. 327785 SN 12	No. N/A	Identification P/N 724-135-60	Built 1997	or Replacement REPLACEMENT	OF NO)
	INTERNATIONAL,	327703 SW 12	"/"	PO # 8N9742	''''	KEPLACENENI	NO
144.145 01.110	INC			HT # 40276			
VALVE PLUG	KEROTEST MFG.	N/A	H/A	HT CODE AJU	1985	REPLACED	Ю
	JONE 1						ĺ
	,		ŀ		1 1		1
					,		
			,		ا . ا		
	 						
		l '		i	1		l
•							
Description of	f Work: REPLACED VA	LVE PLUG AND REMA	ACHINED SEAT	IN VALVE TAG NUMBER 1	ICS-761		
				IN THE THE HOUDER			
		II .			4		
Tests Conducto	ed: Hydrostatic Li	Pneumatic L essure <u>N/A</u>	Nominal Opera	ting Pressure 🔘 *			
	valer W Pro	Sadi G N/M	psi Test Te	mp. <u>N/A</u> of			
							ŀ
E: Supplement	al sheets in form	of lists, sketch	nes, or drawi	ngs may be used, pr	ovided (1)	size is 8% in. x	,11 in., (
ets is recorde	ed at the top of th	mi dins report is dis form.	included on	each sheet, and (3)	eacn sneet	is numbered and t	ne number

(88)

Remarks: VALVE SERIAL NUMBER AFH4-9, NATIONAL BOARD NUMBER 37245.	
Applicable Manufacturer's Date Reports to be attached	
NO PRESSURE TESTING REQUIRED FOR REPLACEMENT OF INTERNAL PRESSURE BOUNDARY PART PER CODE INTERPRETATION XI-1-95-48.	
,	
,	
CERTIFICATE OF COMPLIANCE	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of t	he
ASME Code, Section XI.	ł
ASHE COOC, Section At.	i
Type Code Symbol Stamp N/A	_
Certificate of Authorization No. 4 N/A Expiration Date N/A	
Signed Ment a Par - Inspection & Test Supervisor Date 2-4, 19 99	
Owner or Owner's Designee, Title	-
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and t	_
One State Street, Hartford Connecticut 06102 have inspected the components describ	of ed
in this Owner's Report during the period 10-31-98 to 11-13-98 , and state the to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the	at
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning t examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ	
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected wi	th
this inspection,	
Commissions NC 1042	_
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements Date FF 8 19 99	
Date FF b 8 . 19 99	

1. Owner <u>Caroli</u>	na Power & Light C		:-		Date11		···
P.O. Box 155	1, Raleigh, N. C.				Sheet <u>1</u>	of <u>2</u>	
2. Plant <u>Shearo</u>	n Harris Nuclear P				Jnit <u>1</u>		
P.O. Box 165	, New Hill, N. C.	27562-0165 Address			WR/JO 97 Repair Orga	7-AFZY3 enization P.O. No.,	Job No., etc
3. Work Performe	d by <u>Carolina Po</u>	wer & light Compa Name	ny		•	Symbol Stamp <u>N</u>	
P.O. Box 165	New Hill, N.C. 275	62-0165 Address				Date N	
4. Identification	n of System: <u>3020</u>	- MAIN STEAM SYST	'EM			ASS 2	
	e Edition of Section of Components Re		·	Replacements 19 <u>89</u> ments	, Addend	a <u>NO</u>	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PLUG ASSEMBLY	NELES- JAMESBURY	A-11	H/A	HT # 93767	1989	REPLACED	NO
PLUG ASSEMBLY	HAMMEL-DAHL	N/A	H/A	HT # 80378	1982	REPLACEMENT	NO
7. Description of	Work: REPLACED F	PLUG/STEM ASSEMBL	Y AND CAGE ON	VALVE TAG NUMBER 1MS	-85		
3. Tests Conducte	ed: Hydrostatic 🗆 Other 🗅 Pro	Pneumatic essure N/A					
NOTE: Supplementa	al sheets in form	of lists. sketch	hes. or drawi	ings may be used, pr	ovided (1)	size is 8½ in. x	11 in. (2

NUIE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

٠.	Remarks: NO PRESSURE TESTING IS REQUIRED FOR REPLACEMENT OF INTERNAL PRESSURE BOUNDARY PART PER CODE INTERPRETATION XI-1-95-48. Applicable Manufacturer's Date Reports to be attached
	REPLACEMENT PLUG WAS FROM VALVE SERIAL NUMBER 78/4001/007, NATIONAL BOARD NUMBER 96, MANUFACTURED IN 1982.
	7
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the
	repair or replacement ASME Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization NoN/AExpiration DateN/A
	Signed Thus a Parinspection & Test Supervisor Date 2-7, 1999
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	·
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-15-98 to 11-22-98 , and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector 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,
	Commissions NC 1042
	Inspector's Signature Hational Board, State, Province, and Endorsements
	Date 2 - 4 19 99
-	

	olina Power & Lig	ht Company					Date12/17	//98
¥		Name			•			
P.O. Box	1551, Raleigh, N.	C. 27602-1551 Address					Sheet 1 of _	. 2
	•	Address	•					
. Plant <u>She</u>	aron Harris Nucle	ear Power Plant Name					Unit 1	·
		Name						
P.O. Box	165, New Hill, N.	C. 27562-0165 Address				97-AGKD1		
					керат	Organiz	ation P.O. No., J	ob No., et
Work Perfo	rmed by <u>Carolin</u>	a Power & light	Company Name		Туре	Code Symb	ol StampN/	Α
		1	٦	*	Author	ization	NoN/	Α
	P.O. Bo	x 165 New Hill. Address	N.C. 27562-	-0165 '	Punis.	tion Date	e	
			•		. evbire			<u>. </u>
Identifica	tion of System:	8152-Containmen	t Cooling Sy	/stem		ASI	ME III. CLASS 2	
	able Construction							
(b) Applica	able Edition of So	ection XI Utili:	zed for Repa	irs or Replac	cements	1989	, Addenda	10
1						%		
Identifica	ation of Component	ts Repaired or B	Replaced and	l Replacement	Compon	onte		
			•		ή (Combon	Citos		
			<u> </u>		f.			7
					e compon			ASME
			National		e compon		Repaired,	Code
·	Name of Manufacturer	Manufacturer Serial No.	National Board	. Other	* .	Year	Replaced,	Code Stamped (Yes
Component		Manufacturer Serial No. N/A	National		tion LAD		, -	Code Stamped
Component (1) Nut	Manufacturer Dubose Nat.	Serial No.	National Board No.	Other Identifical Ht.#X82013	Lion LAD 7-88	Year Built	Replaced, or Replacement	Code Stampe (Yes or No)
Component (1) Nut	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat.	Serial No.	National Board No. N/A	Other Identifical Ht.#X82013 P/N 727-417 Ht.#8868982	Lion LAD 7-88	Year Built 1998	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
Name of Component (1) Nut	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat.	Serial No.	National Board No. N/A	Other Identifical Ht.#X82013 P/N 727-417 Ht.#8868982	Lion LAD 7-88	Year Built 1998	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
Component (1) Nut	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat.	Serial No.	National Board No. N/A	Other Identifical Ht.#X82013 P/N 727-417 Ht.#8868982	Lion LAD 7-88	Year Built 1998	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
Component (1) Nut (3) Nuts	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat.	Serial No. N/A N/A	National Board No. N/A N/A	Other Identificat Ht. #X82013 P/N 727-41 Ht. #8868982 P/N 514-109	Lion LAD 7-88 2	Year Built 1998	Replaced, or Replacement Replacement Replacement	Code Stamped (Yes or No) No
7. Des	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat. Energy Svcs.	Serial No. N/A N/A Pressure test of and (3) Nuts Reference (3)	National Board No. N/A N/A N/A	Other Identifical Ht. #X82013 P/N 727-417 Ht. #8868982 P/N 514-109	Lion LAD 7-88 2 9-26	Year Built 1998 1997	Replaced, or Replacement Replacement Replacement	Code Stamped (Yes or No) No
7. Des	Manufacturer Dubose Nat. Energy Svcs. Dubose Nat. Energy Svcs. Scription of Work;	Serial No. N/A N/A Pressure test of and (3) Nuts Revisite C	National Board No. N/A N/A N/A	Other Identifical Ht.#X82013 P/N 727-417 Ht.#8868982 P/N 514-109	Lion LAD 7-88 2 9-26	Year Built 1998 1997	Replaced, or Replacement Replacement Replacement	Code Stamper (Yes or No) No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date 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. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
signed Man a Par Inspection & Test Supervisor Date 1/04 . 1997
Signed / / / WW C T Inspection & Test Supervisor Date / 09 , 1997 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 1/-/28 to 1/-/28, 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 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, Commissions NC 1042 Inspector's Signature Commissions National Board, State, Province, and Endorsements Date Jan 5

1. Owner E Caro	lina Power & Lic	ht Company Name			······································		Date12/17	/98
P.O. Box 1	551, Raleigh, N.			1			Sheet <u>1</u> of _	2
2. Plant Shear	ron Harris Nucle						Unit <u>1</u>	
P.O. Box 10	65, New Hill, N.	<u>C. 27562-0165</u> Address				97-AHDO3 r Organiza	ation P.O. No., Jo	b No., etc.
3. Work Perform	ned by <u>Carolin</u>	a Power & light	Company Name	.			ol Stamp <u>N/A</u>	
	Р.О. Во	x 165 New Hill, Address		0165			NON/A	
4. Identificati	ion of System: 2	080-High Head Sa	afety Inject	ion System	· · · · · · · · · · · · · · · · · · ·	ASI	ME III. CLASS 2	·
(b) Applicab		ection XI Utilia	zed for Repa	irs or Repla	cements	: 19 <u>89</u>	Addenda, <u>N/A</u> Cod , AddendaN	
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	tion	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes
Hanger SI-H-1076	COLOC Industries	N/A	N/A	P/N 732-86 P.O. 7N708	3-46	1994	Replacement	or No) No
		•					,	
								,
			<i>,</i>					
7. Descr valve 19	ription of Work <u>:</u> SI-107	Replaced two lo	ck nuts on l	nanger that v	was rem	ovedto al	low access for dis	sassembly of
8. Test	s Conducted: Hy		Pneumatic C ure <u>N/A</u>			Pressure N/A		
NOTE: Supplemen in., (2) inform	tal sheets in fo ation in items 1	orm of lists, s through 6 on t	ketches, or his report	drawings ma is included	y be u: on each	sed, prov	ided (1) size is and (3) each sheet	8% in. x 11 is numbered

and the number of sheets is recorded at the top of this form.

12/82)

9.	Remarks: Applicable records are maintained in the plant vault and turnover pavckage.
	Applicable Manufacturer's Date Reports to be attached
	•
	CERTIFICATE OF COMPLIANCE
We of	certify that the statements made in the report are correct and this replacement conforms to the rules the ASME Code, Section XI. Repair (r Replacement
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Much a Fer Inspection & Test Supervisor Date 1/04 19 97
	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
In	spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and
in	this Owner's Report during the period 10-31-98 to 11-2-98 , and state that
to	the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied
CO	ncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the
an	spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of y kind arising from or connected with this inspection,
•	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Inspector's Signature National Board, State, Province, and Endorsements Date Jaw 6 19 99

	olina Power & Lic	nht Company Name		.			Date12/14/	98
D.O. Daw	1661 Baladah M						O) 1	•
_P.O. BOX	1551, Raleigh, N	Address					Sheet <u>1</u> of	
Plant <u>She</u> a	aron Harris Nucle						Unit1	
		Name						
P.O. Box 1	165, New Hill, N.	. C. 27562-0165 Address				97-AHFX1 Organiz	ation P.O. No., Joi	No., et
Work Perfor	med by <u>Carolir</u>	na Power & light	Company	; , ,			ol Stamp <u>N/A</u>	
,	-		Name				NoN/A	
	P.O. Bo	ox 165 New Hill. Address		-0165			N/A	
Tdontifiant	tion of Custom.						\ <u>-</u>	
Identiticat			LACOT BIOWOO	WII SYSCEM		AS	ME III, CLASS 2	· · · · · · · · · · · · · · · · · · ·
(a) Applica	ble Construction	Code <u>ASME Sect</u>		74 Edition,	WINTER	1976	Addenda, <u>N/A</u> Code	Case
(b) Applica	ble Edition of S	Section XI Utilia	zed for Repa	irs or Replac	cements	19 _ 89	, AddendaNO)
	•						•	
Identifica	tion of Componen	ts Repaired or F	Replaced and	Replacement	Compone	nts		
		1		W.			,	ASME
		ı	National National		ļ			Code
lame of Component	Name of	Manufacturer	Board	Other		Year	Repaired, Replaced,	Stamped (Yes
nubber	Pacific Scientific	Serial No. S/N 7004	No. N/A	Identificat BD-H-351A	ion	Built 1983	or Replacement Replaced	or No) No
								Į.
nubber	Pacific Scientific	S/N 35143	A\n	BD-H-351A		1979	Replacement	No
nubber		S/N 35143	N/A	BD-H-351A		1979	Replacement	No
		S/N 35143	N/A	BD-H-351A		1979	Replacement	No
nubber		S/N 35143	N/A	BD-H-351A		1979	Replacement	No
		S/N 35143	N/A	BD-H-351A		1979	Replacement	No
'					S/N 351	,		No
7. Desc	Scientific cription of Work;	Replaced Snubbe	er S/N 7004 Pneumatic E	WITH Snubber	erating	43 on ha	anger BD-H-351A	No

(12/32)

nd the number of sheets is recorded at the top of this form.

. Rer	marks: Applicable records are maintained in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
-	
	CERTIFICATE OF COMPLIANCE
	ertify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules Repair or Replacement
Тур	ee Code Symbol StampN/A
Cer	tificate of Authorization No. N/A Expiration Date N/A
Sia	med Much a Par Inspection & Test Supervisor Date 12/29, 19 98
O.g	Owner or Owner's Designee, Title
· · · · · · · · · · · · · · · · · · ·	
	CERTIFICATE OF INSERVICE INSPECTION
_	and the second s
	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and
	ance Company of One State Street, Hartford Connecticut 06102 have inspected the components described is Owner's Report during the period 1/-4-28 to 1/-5-98 and state that
to th	his Owner's Report during the period $1/-4-48$ to $1/-5-48$, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
descr	ibed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
conce	signing this, certificate neither the Inspector nor his employer makes any warranty, expressed or implied, exning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the
Inspe	ector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of
any k	sind arising from or connected with this inspection,
	Commissions NC 1042
	Unspector's Signature National Board, State, Province, and Endorsements
Dat	ie <u>Dec 30 19 98</u>

1. Owner <u>Carol</u>	ina Power & Light	Company			Date	12/21/98	
P.O. Box 15	51, Raleigh, N. C.	_	,	·····	Sheet <u>1</u>	of2	•
2. Plant <u>Shear</u>	on_Harris_Nuclear		· · · · · · · · · · · · · · · · · · ·		Unit <u>1</u>		
3. Work Performs 4. Identification 5. (a) Applicabl	on of System: 306	Address ower & light Comp Name 65 New Hill, N.C. Address 5-Auxiliary Feedw de _ASME Sect.III	27562-0165 vater System 19 <u>74</u> E	Type Code Sym Authorization Expiration Da	No SME III, C		
			·	acement Components	, noou	<u></u>	
Name of Component 6" S/80	Name of Manufacturer Dubose Nat.	Manufacturer Serial No.	National Board No.	Other Identification P.O. 9C12998K	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
L/R Elbows	Energy Svcs.	N/A		Ht.# H313A P.O. 8G6849CJ			
L/R Elbows	Energy Svcs,	N/A	N/A	Ht.# 9280a	1995	Replacement	НО
							•
	-		,			<u> </u>	
7. Descr	iption of Work <u>: R</u>	eplaced Elbows an	d Piping Spoo	ols per ESR 96-00449.	(See list	under remarks).	
8. Tests	Conducted: Hydro			ninal Operating Pressu Test Temp556			
information in i	al sheets in form tems 1 through 6 led at the top of 1	on this report i	ches, or draw s included o	wings may be used, p n each sheet, and (3)	rovided (1) each she) size is 8½ in. x et is numbered and t	11 in., (2 the number o

Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached	
(1)Ref. Code Case N416-1 (2)Ref. ESR 96-00449	
Welds:1-AF-1-02-FW-10;FW-8;FW-9;FW-6;FW-5;FW-4;FW-3;FW-2;FW-15 and FW-442.	
•	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement	t.
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A Signed Owner or Owner's Designee, Title Expiration Date N/A Expiration Date N/A Owner or Owner's Designee, Title	
<i>y</i>	
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 25-70 to 32-70 nad 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 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. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date 1 - 2 / 19 9 9	e

1. Owner <u>Carol</u>	ina Power & Light				Date	12/21/98	
P.O. Roy 15	Na <u>51, Raleigh, N. C.</u>	ame 27602-1551		t.	Shoot 1	of 3	
P.O. BOX 15	Ji, kateigii, k. C.	Address		1	Sileet _i_	of2	
2. Plant _Shear	on_Harris Nuclear	Power Plant		N	Unit 1		
	·	Name		,			
P.O. Box 165	5, New Hill, N. C.			WR/JO 97-AHGA			
		Address		Repair Organiz	tation P.O	. No., Job No., etc.	
3. Work Perform	ed by <u>Carolina P</u>	ower & light Comp Name		Type Code Symb	ool Stamp	N/A	
					No	N/A	•
		65 New Hill, N.C. Address	27562-0165		:e	N/A	
4. Identificatio	on of System. 3065	-Auviliary Foodus	tar System	AS			
4. Identification	,	-AUXICIALY FEEGWA	tei system	AS	MC 111, C	LASS_Z	*
5. (a) Applicabl	le Construction Co	de ASME Sect.III	19 74 E	dition, WINTER 1976	Addenda.	N/A Code Case	
						1	
(p) ybbt teapt	e edition of Sect	ion XI Utilized t	or kepairs o	r Replacements 19 <u>89</u>	, Addei	nda <u>NU</u>	
6. Identificati	on of Components I	Repaired or Repla	ced and Reol:	acement Components		¥	
	v.						
		•					ASHE Code
Name of Component	Name of Hanufacturer	Manufacturer Serial No.	National Board	Other	Year	Repaired, Replaced,	Stamped (Yes
6" S/80	Dubose Nat.	N/A	No.	P.O. 9C1299BK	Built 1998	or Replacement Replacement	Or No) No
L/R Elbows	Energy Svcs.			Ht.# H313A			
6" \$/80 X R/L Pipe	Dubose Nat. Energy Svcs.	N/A	N/A	P.O. 8N8953CJ Ht.# CO4644	1997	Replacement	Но
			-		 	 	
	-						
			н		 	 	
							·
				3			
		<u> </u>					
7. Descr	iption of Work: R	eplaced elbows an	d pinina spor	ols per ESR 96-00449.	(Son list	under remarks)	
	- Parameter and Maring	<u> </u>	- Z-P	po. com 70 004471	Joed Clat	GOOGLE COMINGS	
8. Tests	Conducted: Hydro	ostatic 🗆 Pneum	natic 🗆 Non	ninal Operating Pressu i Test Temp. <u>556</u>			
NOTE CONTRACT		, -				N	
information in i	al sheets in form tems 1 through 6 ed at the top of t	on this report is	mes, or dra s included o	wings may be used, pr on each sheet, and (3)	rovided (1 cach she	et is numbered and t	11 in., (2) he number of

WR/JO 97-AHGA1B R/R #1-AF-3-01-01 ASHE III, CLASS 2

FORM NIS-2 (Back)

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Hanufacturer's Date Reports to be attached	
(1)Ref. Code Case N416-1 (2)Ref. ESR 96-00449	
Welds:1-AF-3-01-FW-432;FW-35;FW-19;FW-20;FW-40;FW-18;FW-14;FW-13;FW-8;FW-7;FW-1 and FW-2.	
	•
CERTIFICATE OF COMPLIANCE	,
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the recode, Section XI. Repair or Replacement .	ules of the ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A Signed Mau & Fore Inspection & Test Supervisor Date 1/06 , 19 Owner or Owner's Designee, Title	99
CERTIFICATE OF INSERVICE INSPECTION	•
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-25-96 to 1-22-98, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures of Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implice examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector shall be liable in any Janner for any personal injury or property damage or a loss of any kind arising from this inspection. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorser Date 1-21 19 99	of <u>One State</u> e that described in this d, concerning the nor his employer or connected with

	lina Power & Light Na	ame				12/21/98	-
P.O. Box 1	551, Raleigh, N. C.	. 27602-1551			Sheet 1	of2	
1	· ·	Address					_
Plant Shear	ron Harris Nuclear				Unit <u>1</u>		•
1		Name			,	F	
P.O. Box 16	65, New Hill, N. C.	. 27562-0165 Address		WR/JO 97-AHG		. No., Job No., etc.	
	_4			•		•	
Work Perform	med by <u>Carolina P</u>	<u>Power & light Comp</u> Name		Type Code Syr	mbol Stamp	N/A	-
	D.O. Bay 1	65 New Hill, N.C.	27542-0145	Authorization	No	N/A	
	P.U. BOX 1	Address	<u> </u>	Expiration Da	ite	N/A	
Identificati	ion of System: 306	S-Auxiliary Feedw	ater System		SME III. C	IASS 2	
		- No. (10.)	<u> </u>	······································		CHOO_E	•
(a) Applicat	ole Construction Co	de ASME_Sect.III	19 74 Ec	lition, WINTER 1976	Addenda,	N/A Code Case	
		=		Replacements 19 8			-
(b) Applicat	ote Edition of Sect	ion al utilized to	or kepairs or	keplacements 19 <u> </u>	y , Adde	nda <u>KU</u>	•
Identificat	ion of Components	Renaired or Renlas	red and Penla	cement Components			
			sea ona nepta	concine components			
·······································			×				,
·							ASME
·		' '	, wastered	=			ASME Code
ame of	Name of	Manufacturer	National Board	Other	Year	Repaired,	Code Stamped
ame of	Name of Nanufacturer	Manufacturer Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Code
ame of	Name of	Hanufacturer	Board			Replaced,	Code Stamped (Yes
ame of omponent "S/120 /R Elbows	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No.	Board No.	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built	Replaced, or Replacement	Code Stamped (Yes or No)
ame of omponent "S/120 /R Elbows	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
ome of omponent S/120 R Elbous	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
eme of omponent 'S/120 'R Elbous	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
ome of omponent S/120 R Elbous	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
eme of omponent 'S/120 'R Elbous	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
ame of omponent "S/120 /R Elbows	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
eme of omponent "S/120 /R Elbows	Name of Manufacturer Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement	Code Stamped (Yes or No)
ame of emponent 'S/120 /R Elbows 'S/80 R/L Pipe	Name of Manufacturer Dubose Nat. Energy Svcs. Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ	Built 1995	Replaced, or Replacement Replacement Replacement	Code Stamped (Yes or No)
ame of emponent 'S/120 /R Elbows 'S/80 R/L Pipe	Name of Manufacturer Dubose Nat. Energy Svcs. Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A N/A	Board No. N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ Ht.# C04644	Built 1995	Replaced, or Replacement Replacement Replacement	Code Stamped (Yes or No)
ome of component 'S/120 'R Elbows 'S/80 R/L Pipe	Name of Manufacturer Dubose Nat. Energy Svcs. Dubose Nat. Energy Svcs.	Manufacturer Serial No. N/A N/A eplaced elbows and	Board No. N/A N/A N/A N/A N/A	Identification P.O. 8G6849CJ Ht.# 9280A P.O. 8N8953CJ Ht.# C04644	Built 1995 1997 (See list of	Replaced, or Replacement Replacement Replacement	Code Stamped (Yes or No)

. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	•
(1)Ref. Code Case N416-1 (2)Ref. ESR 96-00449	
Welds:1-AF-2-02-FW-3;FW-37;FW-451 and FW-24.	
wetas:1-Ar-2-02-ra-5;ra-5/;ra-4) and ra-24.	,
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement code, Section XI.	onforms to the rules of the ASME
,	
Type Code Symbol Stamp N/A	
1	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed What a Tay Inspection & Test Supervisor Date 1/	06, 19 <u>99</u>
omer of omer's designee, little	
CERTIFICATE OF INSERVICE INSPECTION	
CONTILIONAL OF INDUNING INDUITION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and P	ressure Vessel Inspectors and the
State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Ins Street, Hartford Connecticut 06102 have inspected the components described	urance Company of One State
in this Owner's Report during the period 10-25-98 to 11-21-98	, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken correct Owner's Report in accordance with the requirements of the ASME Code, Section XI.	tive measures described in this
By signing this certificate neither the Inspector nor his employer makes any warranty, expre	ssed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, 'neither shall be liable in any manner for any personal injury or property damage or a loss of any kind	the Inspector nor his employer
this inspection	arising from or connected with
23 Jayth Commissions NC 1042	
Inspector's Signature National Board, State, Province	e, and Endorsements
Date 1- 21- 19 69	

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

1 0 0	ina Danca e liabe	•			•	40.45.00	
1. Uwner <u>tarot</u>	<u>ina Power & Light (</u> Na				Date	12-15-98	
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address	-		Sheet 1	of2	
2. Plant Sheard	on Harris Nuclear I				Unit 1		
		Name	**		<u> </u>	***	
P.O. Box 165	5, New Hill, N. C.				WR/JO	97-AHGA2	
.		Address				ganization P.O. No.,	•
3. Work Pertorme	ed by <u>Carolina Po</u>	ower & light Comp Name			Type Code	Symbol Stamp	N/A
P.O. Box 165	New_Hill, N.C. 275	62-0165			Authoriza	tion No	N/A
		Address			Expiration	n Date	N/A
4. Identification	on of System:	- AUXILIARY FE	EDWATER		ASME III, C	CLASS 2	
(b) Applicabl		on XI Utilized f	or Repairs or	dition, <u>WINTER 1976</u> Replacements 19 <u>89</u> Menents			_
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
7/8" HEAVY HEX LOCK NUT	COLOC	H/A	N/A	CP&L# 732-862-96 PO# 8N9756	H/A	REPLACEMENT	NO
							
							
							10
*							
<u>L</u>	<u> </u>	<u> </u>	<u> </u>				
				DISASSEMBLY FOR PIPING Pating Pressure	<u>G WORK.HAN</u>	GER AF-H-309.	
	Other 🗵 Pi SEE REMARKS	essure	_psi Test 1	Tempof			4
information in i	al sheets in form tems 1 through 6 (ed at the top of t	on this report i	ches, or draw s included or	rings may be used, p n each sheet, and (3)	rovided (1) each she) size is 8½ in.) et is numbered and	(11 in., (2) the number of

2/82)

₹.	Remarks: PRESSURE TEST NOT REQUIRED FOR PIPE HANGER DISASSEMBLY.
	Applicable Manufacturer's Date Reports to be attached
	REPLACED COLOC NUTS DURING REASSEMBLY OF HANGER AF-H-309 FOR REPLACEMENT OF PIPE ON LINE NUMBER 2AF6-7SAB
	CERTIFICATE OF COMPLIANCE
	. We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
	repair or replacement
	ASHE Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Mull a Fur Inspection & Test Supervisor Date (/04 , 19 97
	Owner or Owner's Designee, Title
اجاد	
	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
	One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 10-25-98 to 11-21-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
	this inspection,
-	Inspector's Signature National Board, State, Province, and Endorsements
	Date J AN 5 19 99
	0ate 4770 0 17 17 17 17 17 17 17 17 17 17 17 17 17

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

1. Owner <u>Carol</u>	ina Power & Light	Company me			Date	12-15-98	
P.O. Box 15	51, Raleigh, N. C.				Sheet 1	of2	
. Plant Shear	on Harris Nuclear				Unit 1	,	
onean	or norres noccon	Name			<u> </u>		•
P.O. Box 165	5, New Hill, N. C.	27562-0165 Address		· · · · · · · · · · · · · · · · · · ·	WR/JO	97-AHGA2 panization P.O. No.,	
	-	AGGI CSS		3			
WOLK PERTOLIK	Work Performed by <u>Carolina Power & light Company</u> Name					Symbol Stamp	
P.O. Box 165	New Hill, N.C. 27					ion No.	
		Address				Date	
Identificatio	on of System:	AUXILIARY FE	EDWATER		SME_III, C	CLASS 2	
(a) Applicabl	e Construction Co	de ASME Sect.III	19 <u>74</u> Ed	lition, . WINTER 1976	Ad	ldenda, N/A	Code (
				Replacements 1989			
, т., т., р. т.			от каратто от	reproductive 17	, Adden		•
Identificati	on of Components F	Repaired and Repla	acement Compo	onents			
		1]	1	T		
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped
Component 7/8" HEAVY	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	(Yes or No)
HEX LOCK NUT	COLOC	N/A	N/A	CP&L# 732-862-96 PO# 8N9756	N/A	REPLACEMENT	NO
	ı						
	 				<u> </u>		
				1			
	<u></u>	<u> </u>	<u></u>	L	<u> </u>		
Description o	f Work:REPLACED_	COLOC-LOCK NUT DU	JRING HANGER I	REASSEMBLY FOR PIPING	WORK_HANGE	ER AF-H-298	
•	•			Ų			
Tests Conduct	ed: Hydrostatic C Other 🗵 P SEE REMARKS	ressure	Nominal Oper _psi	ating Pressure [] [empof			
TF: Supplement	1		hae an drai	rings may be used, pr	rovided (1)	Voire is 914 is	u 44 !-
formation in i	tems 1 through 6 ed at the top of t	on this report is	s included o	nings may be used, property and (3)	each shee	et is numbered and	x II 1 n., the number

P. Remarks: PRESSURE TEST NOT REQUIRED FOR PIPE HANGER DISASSEMBLY.	
Applicable Manufacturer's Date Reports to be attached	
HANGER AF-H-298 DISASSEMBLED AND REASSEMBLED TO SUPPORT PIPE REPLACEMENT ON LINE 2AF6-59SAB	
•	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rul	es of the
ASME Code, Section XI.	
·	
Type Code Symbol Stamp N/A	
Certificate of Authorization No N/AExpiration Date N/A	
Signed Mauli a Pay Inspection & Test Supervisor Date 1/04, 19 79	
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 Inspector: State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company	s and the
One State Street, Hartford Connecticut 06102 have inspected the components	ot described
	tate that
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, conce examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his	rning the
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or conne	employer cted with
this inspection,	
Commissions NC 1042	
Inspector's Signature National Board, State, Province, and Endorse	ements
Date 19 99	

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

₹	·	٠,4٠			· • • • • • • • • • • • • • • • • • • •	,	
1. Owner <u>Carol</u>	ina Power & Light Na				Date	12/22/98	
_P.O. Box 15	51, Raleigh, N. C.	27602-1551			Sheet 1	of2	
	,	Address				<u> </u>	
2. Plant <u>Shear</u>	on Harris Nuclear	Power Plant Name			Unit1	······································	
P.O. Box 16	5, New Hill, N. C.	27562-0165 Address	•	WR/JO 97-AHGA Repair Organi	zation P.O	. No., Job No., etc.	
3. Work Perform	ned by <u>Carolina Po</u>	ower & light Comp			•	H/A	
<u>. </u>	P.O. Box 16	65 New Hill, N.C. Address	<u> 27562-0165</u>			N/A N/A	•
4. Identificati	on of System: 3065	4	ater System	AS			
	ion of Components R		·	r Replacements 19 <u>89</u>	, Adde	nga <u>NU</u>	
Name of Component	Name of Hanufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Hgr AF-H-295 (2) Studs	Dubose National Energy Service	N/A	· N/A	P/N 514-117-00 P.O. 9C2103 Ht. Code NBA	1998	Replacement	No
(4) Nuts	COLOC Industries	N/A	N/A	P/N 732-863-12 P.O. 813149	1995	Replacement	No
(1) Pin	Bergen Patterson	N/A	N/A	P/N 738-162-66 P.O. 7E1233AA	1993	Replacement	No
· · · ·	,				,	,	
7. Desc	ription of Work <u>: Su</u>	I upport AF-H-295 R	emoved and re	e-installed to allow a	ccess to	replace 6"AFW Piping.	<u> </u>
8. Tests	s Conducted: Hydro Other			ninal Operating Pressu Test Temp. <u>N/A</u>	re 🛘 oF		
nformation in	tal sheets in form items 1 through 6 ded at the top of t	on this report i	ches, or drai	wings may be used, po n each sheet, and (3)	rovided (1 each she) size is 8½ in. x et is numbered and t	11 in., (2 he number c
(12/82)	at the top of t	v ivims					

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Hanufacturer's Date Reports to be attached	
Ref. ESR 96-00449	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> of the ASME Code, Section XI. Repair or Replacement	conforms to the rules
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Man a Par Inspection & Test Supervisor Date 1/06 Owner or Owner's Designee, Title	, 19 <u>_99</u>
Owner or Owner's Designee, Title	`
B—(
CERTIFICATE OF INSERVICE INSPECTION	14
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 One State
Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-24-92 to 18-73-98, all	nd state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective med Owner's Report in accordance with the requirements of the ASME Code, Section XI.	asures described in this
By signing this certificate 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 Inshall be liable in any manner for any personal injury or property damage or a loss of any kind arising	spector nor his employer
this inspection,	g from or connected with
131) auto comissions No 10/2	
Inspector's Signature Commissions NC 1042 National Board, State, Province, and I	Endorsements
Commissions NC 1042 Inspector's Signature National Board, State, Province, and I	

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

. Owner <u>Carc</u>	olina Power & Lig	ht Company Name	1				Date	12/16/	98
P.O. Box 1	1551, Raleigh, N.						Sheet <u>l</u>	_ of	2
. Plant <u>Shea</u>	uron Harris Nucle	ar Power Plant Name	·				Unit <u>1</u>		
P.O. BOX 1	65, New Hill, N.	C. 27562-0165 Address				<u>97-AHGA4</u> Organiza	ation P.O.	No., Joi	No., etc
. Work Perfor	med by <u>Carolin</u>	a Power & light	Company	· · · · · · · · · · · · · · · · · · ·	Type C	ode Symbo	ol Stamp	N/A	
1	D.O. D	, 165 m			Author.	ization M	10	N/A	·
	P.O. Bo	x 165 New Hill, Address			Expira	tion Date	·	N/A	
Identificat	ion of System:	3065-Auxiliary	Feedwater Sy	vstem		ASM	E III. CLA	SS 2	
Identifica	tion of Component	s Repaired or F	Replaced and	1 Replacement	Compone	ents			ASME
	,		National National		•	•	Repaired		ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other		Year	Replaced,	•	(Yes
AF-H-365 langer	COLOC Industries	N/A	N/A	P.O. 8N9756 P/N 732-862		Built 1997	Replaceme		or No) No
						-			
				<u> </u>					
	ription of Work:		æ					pipe re	placement
TE: Supplement., (2) inform	Ot ntal sheets in fo mation in items 1 of sheets is rec	ther Press orm of lists, s through 6 on t	ure <u>N/A</u> ketches, or his report	psi Test drawings may is included on	Temp.	N/A ed. prov	°F ided (1) s:	ize is 8 h sheet	½ in. x is number

9.	Remarks: Applicable records are maintained in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
	Reference ESR 96-00449
· · · · · ·	
	· CERTIFICATE OF COMPLIANCE
We of	certify that the statements made in the report are correct and this replacement conforms to the rules the ASME Code, Section XI.
1	ype Code Symbol StampN/A
(ertificate of Authorization No. N/A Expiration Date N/A
	200 1
5	Owner or Owner's Designee, Title
	· · · · · · · · · · · · · · · · · · ·
•	
	CERTIFICATE OF INSERVICE INSPECTION
1	, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Ins	pectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and
Ins	urance Company of One State Street, Hartford Connecticut 06102 have inspected the components described
to	this Owner's Report during the period $1/-4-98$ to $1/-22-48$, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
des	cribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
E	y signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied
Ins	cerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the pector 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.
	SB Dayter_ Commissions_ NC 1042
-	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
_	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Pate 74n 5 19 99
L	1919

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

1. Owner Caro	lina Power & Lic	nt Company Name			*		Date <u>12/</u>	16/98
P.O. Box 1	551, Raleigh, N.					& ;	Sheet <u>l</u> of	2
2. Plant Shea	ron Harris Nucle	ar Power Plant				1	Unit <u>1 </u>	
		Name	4			'		
P.O. Box 1	65, New Hill, N.					97-AHGA5		
		Address		R	Repair	Organiza	ation P.O. No.,	Job No., etc.
3. Work Perfor	med by <u>Carolin</u>	a Power & light	Company Name	T	ype Co	ode Symbo	ol Stamp	N/A
	P O Bo	x 165 New Hill,	N.C. 27562	A-0166	uthor	ization N	701	V/A
	F.V. 50	Address			xpirat	tion Date		I/A
4. Identificat	ion of System:	3065-Auxiliary	Feedwater Sy	stem		ASM	E III, CLASS 2	
(b) Applical	ble Construction ble Edition of So	ection XI Utili:	zed for Repa	irs or Replacer	ments	19 <u>89</u>		
Name of Component	Name of Manufacturer	, Manufacturer Serial No.	National Board No.	Other Identificatio	on	Year Built	Repaired, Replaced, or Replacemen	ASME . Code Stamped (Yes or No)
AF-H-299 Hanger	COLOC Industries	N/A	N/A	P.O.8N6129 P/N 732-862-8	38	1997	Replacement	No
					73		·	
8. Test	ription of Work: s Conducted: Hy Out utal sheets in fo	drostatic [] : her Ø Press	Pneumatic [Nominal Opera psi Test Te	ating emp	Pressure N/A	oF	
in., (2) inform	ation in items 1 of sheets is rec	through 5 on t	his report	is included on	each	sheet, a	nd (3) each she	s 800 in. x 11 et is numbéred

Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
Reference ESR 96-00449	
(
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement conforms to the of the ASME Code, Section XI. Repair or Replacement	rules
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed 7/14h a James Inspection & Test Supervisor Date 12/29, 19	<u> 28</u>
Owner or Owner's Designee, Title	
	-6
	-
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 One State Street, Hartford Connecticut 06102 have inspected the components desc	ribed
in this Owner's Report during the period $1/-9-98$ to $1/-92-98$, and state to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures	that
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.	
By signing this certificate 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 any kind arising from or connected with this inspection,	of
Ca C	
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsem	
Inspector's Signature National Board, State, Province, and Endorsem	ents
Date JAN 5 19 99	1
,	

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

1. Owner <u>Carol</u>	ina Power & Light C Nam				Date <u>12</u>	-29-98	
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	
2. Plant <u>Shear</u>	on Harris Nuclear P				Unit <u>1</u>		
	_	Name					
P.O. Box 16	5, New Hill, N. C.	27562-0165 Address	·		WR/JO Repair Or	97-AHGB1 ganization P.O. No.	. Job No., et
. Work Perform	ed by <u>Carolina Po</u>	wer & light Comp	any		-	Symbol Stamp	•
				tion No.			
P.O. Box 165	New Hill, N.C. 275	62-0165 Address			•	n Date	
1-1						1	
. Identification	on of System: AUXI	LIARY FEEDWATER	SYSTEM (3065)	A	SME_III, C	CLASS 2	
. (a) Applicab	le Construction Cod	e ASME Sect.III	19 74 Ed	lition, WINTER 1976	Ac	denda. N/A	Code Ca
				Replacements 19 <u>89</u>			
(b) Applicab	te Edition of Section	on at other teach	or Repairs of	Reptacements 19 09	, Addel	Ma	-
. Identificat	ion of Components R	epaired and Repla	acement Compo	nents			
			,	h-a -21,			ASHE Code
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	Stamped (Yes
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
PIPE 4" SCH 80	DUBOSE NATIONAL ENERGY SERVICE	N/A	H/A	P/N 732-182-57 PO # 8N1442 HT # 404625	1997	REPLACEMENT	NO.
PIPE 6" SCH 80	DUBOSE NATIONAL ENERGY SERVICE	N/A	N/A	P/N 761-671-39 PO # 901467 HT # X64098	1998	REPLACEMENT	NO
TEE (1) 6"X6"X4" SCH 80	DUBOSE NATIONAL ENERGY SERVICE	N/A	N/A <	P/N 738-877-47 PO #8N0670	1997	REPLACEMENT	NO
PIPET (2) 10"-6" X 1"	DUBOSE NATIONAL	N/A	N/A	P/N 732-495-75 PO # 8N8739	1997	REPLACEMENT	NO .
PIPE = 6" SCH 80	DUBOSE NATIONAL	N/A	H/A	P/N 732-182-08 PO # 9C1057	1998	REPLACEMENT	NO
	ENERGY SERVICE			HT # C04644	,		
	of Work: REPLACED PI				-		
. IUSIS LONDUCT	ed: Hydrostatic 🗆 Other 🗆 Pro			ating Pressure 図 emp. <u>556</u> °F			

•	Remarks: REPLACED 6" PIPE BETWEEN FIELD WELD FW-268 AND FW-269. REPLACED 6" X 6" X 4" TEE, PIPE AND PIPETS FROM TEE TO Applicable Manufacturer's Date Reports to be attached
	PENETRATION H-109 ON ISO 1-AF-17-02 DUE TO FAC. FIELD WELD 1-AF-14-01-FW-3 ON ISO 1-AF-17-01 IS FIELD WELD 1-AF-14-01-FW-248
	ON ISO 1-AF-14-01.
	CODE CASE N416-1 APPLICABLE TO THIS WORK
	·
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the repair or replacement ASHE Code, Section XI.
	Type Code Symbol Stamp <u>N/A</u>
	Signed N/A Expiration Date N/A Signed Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-01-98 to 12-03-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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,
	\mathcal{B}
	Inspector's Signature Date TAN 21 19 99 Commissions NC 1042 National Board, State, Province, and Endorsements
_	

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

1. Owner <u>Caro</u>	lina Power & Light C Nam	ompany , '		· · · · · · · · · · · · · · · · · · ·	Date <u>12</u>	-28-98	
P.O. Box 1	551, Raleigh, N. C.	27602-1551 Address	** **		Sheet <u>1</u>	of2	
2. Plant <u>Shea</u>	ron Harris Nuclear P			 	Unit <u>1</u>		v
'		Name					4
P.O. Box 1	65, New Hill, N. C.	27562-0165 Address			WR/JO 9	97-AHGB1 ganization P.O. No.,	Job No. etc
. Uark Derfor	med by <u>Carolina Po</u>	uer & light Com	2004		_	Symbol Stamp	•
WOLK I CLITOL	<u> </u>	Name					
P.O. Box 16	5 New Hill, N.C. 275	62-0165	٧			tion No	
		Address			Expiration	n Date	N/A
. Identificati	ion of System: <u>AUXI</u> I	LIARY FEEDWATER	SYSTEM (3065))A	SHE III, C	CLASS 2	
	tion of Components Re			Replacements 19 <u>89</u>			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
PIPE	DUBOSE NATIONAL ENERGY SERVICE	N/A	N/A	P/N 732-182-57 PO # 8N1442 HT # 404625	1997	REPLACEMENT	NO
				,		,	
	,						•
	, n			ı			
	of Work <u>: REPLACED AP</u> sted: Hydrostatic D Other D Pre	Pneumatic □	Nominal Oper	1-AF-14-FW-248 UPSTRE/ eating Pressure	AM TO NEW	WELD 1-AF-14-01-FW-2	252.
nformation in	ntal sheets in form items 1 through 6 d ded at the top of th	n this report i	ches, or draw s included o	dings may be used, pr n each sheet, and (3)	ovided (1 each she) size is 8½ in. : et is numbered and	x 11 in., (2 the number o

/82)

. Remarks: REPLACED APPROXIMATELY 4" OF 4" DIAMETER PIPE DUE TO FAC.
Applicable Manufacturer's Date Reports to be attached
CODE CASE N416-1 APPLICABLE TO THIS WORK.
WELD 1-AF-14-01-FW-248 ON ISO 1-AF-14-01 IS WELD 1-AF-17-01-FW-3 ON ISO 1-AF-17-01.
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement ASME Code, Section XI.
Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A Signed M
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-01-98 to 12-03-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date 3-3 19 99

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

. Owner <u>Car</u>	olina Power & Lic	nht Company Name		•	· · · · · · · · · · · · · · · · · · ·		Date12/	14/98
P.O. Box 3	1551, Raleigh, N.	C. 27602-1551 Address					Sheet <u>1</u> of	2
. Plant <u>She</u> a	aron Harris Nucle	ear Power Plant					Unit <u>l</u>	
P.O. Box 1	165, New Hill, N.	C. 27562-0165 Address		······································		97-AHGC1 Organiz	ation P.O. No.,	Job No., et
Work Perfor	cmed by <u>Carolin</u>	a Power & light	Company		_		ol Stamp	
	P.O. Bo	x 165 New Hill.		-0165	•		No	
Identificat	ion of System:	Address 3010-Steam Gener		own System	-		ME III, CLASS 2	
	able Construction ble Edition of S		_					
	ation of Componen	•	•				, Addenda	_NO
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	tion	Year Built	Repaired, Replaced, or Replacemen	ASME Code Stamped (Yes or No)
nubber	Pacific Scientific	S/N 15172	N/A	BD-H-351B		1980	Replaced	, No
nubber	Pacific Scientific	S/N 37252	N/A	BD-H-351B	-	1985	Replacement	No.
						•		
		,			•			
7. Desc	cription of Work:	Replaced Snubbe	er S/N 15172	with Snubbe	r s/n 3	7252 on 1	nanger BD-H-3511	3.
8. Tes	ts Conducted: Hy		Pneumatic C ure <u>N/A</u> r		_	Pressure N/A_oF	· 0	
re: Suppleme	ental sheets in f	orm of lists, s	ketches, or	drawings may	y be us	sed, prov	ided (1) size i and (3) each she	is 8½ in. x

nd the number of sheets we recorded at the top of this form.

9. Rem	Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached
	-
	CERTIFICATE OF COMPLIANCE
	rtify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules e ASME Code, Section XI. Repair or Replacement
Тур	e Code Symbol Stamp N/A
	tificate of Authorization No. N/A Expiration Date N/A med Mach & Far. Inspection & Test Supervisor Date 12/29, 19 98 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
Inspection the describer of the describe	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel ctors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and ance Company of One State Street, Hartford Connecticut 06102 have inspected the components described is Owner's Report during the period 1/-4/8 to 1/5/76, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures ibed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, rating the examinations and corrective measures described in this Owner's Report. Furthermore, neither the ctor nor his employer shall be liable in any manner for any personal injury or property damage or a loss of ind arising from or connected with this inspection. Commissions NC 1042 Isspector's Signature National Board, State, Province, and Endorsements
Dat	19

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

		nht Company Name					Date12/14	1/98
P.O. Box '	LSS1, Raleigh, N.	C 27602-1551	"				Sheet 1 of	
	<u> </u>	Address					1	
Plant <u>She</u>	aron Harris Nucle		··-				Unit 1	
		Name						
P.O. Box)	65, New Hill, N.	C. 27562-0165 Address					ation P.O. No., J	
Wark Darfa.	emod hu. Cowelin				_	-	•	
work Perior	med by <u>Carolin</u>	a Power & light	Name				ol Stamp N/	
	P.O. Bo	× 165 New Hill,	N.C. 27562-	-0165	Autho	rization	NoN/	Α
		Address			Expira	ation Dat	eN/	Α
Identificat	ion of System:	3010-Steam Gene	rator Blowdo	wn System	*	AS	ME III, CLASS 2	
Identifica	tion of Componen	ts Repaired or F	Replaced and	Replacement	c Compor	nents		
, ame of	Name of	Manufacturer	Replaced and , National Board	Other		Year	Repaired,	ASME Code Stampe (Yes
, ame of omponent			, National			,	Replaced, or Replacement	Code Stampe (Yes or No)
, ame of omponent	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Replaced,	Code Stampe (Yes
ame of omponent nubber	Name of Manufacturer Pacific	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Replaced, or Replacement	Code Stampe (Yes or No)
ame of omponent nubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 15616	National Board No. N/A	Other Identifica BD-H-353		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
ame of Component Inubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 15616	National Board No. N/A	Other Identifica BD-H-353		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
Identifica Name of Component Enubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 15616	National Board No. N/A	Other Identifica BD-H-353		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
ame of Component Inubber	Name of Manufacturer Pacific Scientific Pacific Scientific	Manufacturer Serial No. S/N 15616	National Board No. N/A	Other Identifica BD-H-353		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
ame of component nubber	Name of Manufacturer Pacific Scientific Pacific Scientific	Manufacturer Serial No. S/N 15616 S/N 15599	National Board No. N/A	Other Identifica BD-H-353	ation	Year Built 1981	Replaced, or Replacement Replaced Replacement	Code Stampe (Yes or No) No
ame of omponent nubber nubber 7. Desc	Name of Manufacturer Pacific Scientific Pacific Scientific	Manufacturer Serial No. S/N 15616 S/N 15599 Replaced Snubber	National Board No. N/A N/A	Other Identifica BD-H-353 BD-H-353	er S/N	Year Built 1981 1981	Replaced, or Replacement Replaced Replacement	Code Stampe (Yes or No) No

nd the number of sneets is recorded at the top ' his form.

€.	Remarks: Applicable records are maintained in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
	à .
	•
	CERTIFICATE OF COMPLIANCE .
We of	certify that the statements made in the report are correct and this replacement conforms to the rules the ASME Code, Section XI.
	•
7	Type Code Symbol StampN/A
(Certificate of Authorization No. N/A Expiration Date N/A
	• • • • • • • • • • • • • • • • • • • •
,	Signed 7/1 M A - Inspection & Test Supervisor Date 12/29, 19 98 Owner or Owner's Designee, Title

	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
In	spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and
In	surance Company of One State Street, Hartford Connecticut 06102 have inspected the components described
in	this Owner's Report during the period $il-4-98$ to $1l-5-98$, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
de	scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
COL	ncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the
an	spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of y kind arising from or connected with this inspection,
	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
1	Date 19 99

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

3		,=		,				
1. Owner <u>Caro</u>	lina Power & Lig	ht Company Name	-,,				Date <u>12/14/98</u>	,
P.O. Box 1	551, Raleigh, N.	C. 27602-1551 Address				<u> </u>	Sheet <u>1</u> of _	2
2. Plant <u>Shea</u>	ron Harris Nucle	ar Power Plant Name	ı		•		Unit	
P.O. Box 1	65, New Hill, N.	C. 27562-0165 Address				97-AHGE1	ation P.O. No., Jo	h No. etc
3. Work Perform	med by <u>Carolin</u>		Company		•		ol StampN/A	•
	P.O. Bo	x 165 New Hill.		0165			NoN/A	
		Address	*				N/A	
4. Identificat:	ion of System: <u>3</u>	010-Steam Genera	ator Blowdov	n System		ASM	E III, CLASS 2	 .
(b) Applical	ble Edition of Se	ection XI Utili:	zed for Repa	irs or Repla	icements	1989	Addenda, <u>N/A</u> Cod	
. Identificat	cion of Component	ts Repaired or F	Replaced and	Replacement	Compon	ents		
Name of Component	Name of	Manufacturer Serial No.	National Board	Other Identifica	tion	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	S/N 7274	N/A	BD-H-424		1979	Replaced	No
Snubber	Pacific Scientific	S/N 18967	N/A	BD-H-424		1983	Replacement	No
		,	ø					
	1	d						
7. Desc	ription of Work;	Replaced Snubb	er S/N 7274	with Snubber	c s/n 18	3967 on h	anger BD-H-424.	
8. Test	cs Conducted: Hy		Pneumatic [ure <u>N/A</u>			Pressure		ø
	ntal sheets in f						ided (1) size is	8½ in. x 11

nd the number of sheets is recorded at the top of this form.

9. Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A Signed Mull a Pow Inspection & Test Supervisor Date 12/29, 19 48 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 One State Street. Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-4-96 to 11-5-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Taspector's Signature National Board, State, Province, and Endorsements Date Dec 30 19 96

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

1. Owner <u>Caro</u>	lina Power & Liq	ht Company Name	*) Date11/09	/98
P.O. Box 15	551, Raleigh, N.	C. 27602-1551 Address					Sheet <u>1</u> of _	
2. Plant <u>Shea</u>	con Harris Nucle	ar Power Plant Name				t	Jnit 1	
P.O. Box 16	55. New Hill, N.	C. 27562-0165 Address		·			ation P.O. No., Jo	b No., etc.
3. Work Perform	ned by <u>Carolin</u>	•	Name				ol Stamp <u>N/A</u>	
,	P.O. Bo	x 165 New Hill. Address		0165	Expira	tion Date	N/A	
4. Identificati	ion of System: 3	065-Auxiliary Fe	edwater Sys	tem			E III. CLASS 2	
(b) Applicab		ection XI Utili:	ed for Repa	irs or Repla	cements	1989_	ddenda, <u>N/A</u> Cod , Addenda <u>N</u>	
Name of Component Snubber	Name of Manufacturer Pacific	Manufacturer Serial No. S/N 8800	National Board No.	Other Identifica	tion	Year Built 1981	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes or No) No
Snubber	Scientific Pacific	S/N 15609	N/A	AF-H-314A	•	1981	Replacement	No
	Scientific							
					•			
		,						
	ription of Work <u>:</u> s Conducted: Hy Ot	drostatic 🛛 :	Pneumatic C		erating	Pressure		
in., (2) inform	tal sheets in fo ation in items l of sheets is rec	through 6 on t	his report	is included	on each	sed, provi	ided (1) size is nd (3) each sheet	8% in. x 11 is numbered

9.	Remarks: Applicable records are maintained in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
	·
	CERTIFICATE OF COMPLIANCE
We	certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules the ASME Code, Section XI.
	Type Code Symbol Stamp N/A
,	Certificate of Authorization No. N/A Expiration Date N/A
	Signed May a Pay Inspection & Test Supervisor Date 1-14, 19 99 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
In in to de	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and surance Company of One State Street, Hartford Connecticut 06102 have inspected the components described this Owner's Report during the period 1/2-98 to 1/-4-98 , and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, incerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of y kind arising from or connected with this inspection, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	19 17 19 17

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

	lina Power & Light Na	Company ame			Date	11-09-98	
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	
Plant <u>Shear</u>	<u>on Harris Nuclear</u>				Unit <u>1</u>		-
P.O. Box 16	55, New Hill, N. C.	27562-0165		WR/JO 97-AHHC1		,	
Work Perform	ed by <u>Carolina P</u>	Address <u>ower & light Comp</u> Name		Type Code Symb	ol Stamp	No., Job No., etc.	
	P.O. Box 1	65 New Hill, N.C. Address	27562-0165		•	N/A N/A	
Identificati	on of System: 3065	-Auxiliary Feedwa	ter System	A	SME III.	CLASS 2	
				dition, <u>WINTER 1976</u> Replacements 19 <u>89</u>			
Identificat	ion of Components (Repaired or Repla	ced and Repla	cement Components		,	,
ame of	Name of	Manufacturer	National Board No.	Other	Year	Repaired, Replaced,	ASME Code Stamped
omponent	Manufacturer	Serial No.		Identification	Built	or Replacement	(Yes or No)
omponent	Manufacturer Pacific Scientific	S/N 8802	N/A	AF-H-3148	1981		
omponent nubber	Pacific				·	or Replacement	or No)
omponent oubber	Pacific Scientific Pacific	S/N 8802	N/A	AF-H-314B	1981	or Replacement Replaced	or No) No
omponent nubber	Pacific Scientific Pacific Scientific	S/N 8802	N/A	AF-H-314B	1981	or Replacement Replaced	or No) No
nubber	Pacific Scientific Pacific Scientific	S/N 8802	N/A	AF-H-314B	1981	or Replacement Replaced	or No) No
omponent nubber nubber	Pacific Scientific Pacific Scientific	S/N 8802 S/N 8787	N/A N/A	AF-H-314B	1981	or Replacement Replaced Replacement	or No) No

Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Hanufacturer's Date Reports to be attached	1
Apprilation in an area in the part of the defeated	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of Code, Section XI. conforms to the rules of Repair or Replacement	the ASME
•	
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	4
Signed Much a Transpection & Test Supervisor Date 12-11, 1998 Owner or Owner's Designee, Title	1
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One	s and the State
Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-03-98 to 11-04-98 , and state that	
in this Owner's Report during the period 11-03-98 to 11-04-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described Owner's Report in accordance with the requirements of the ASME Code, Section XI.	in this
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concern	ing the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his e shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connect	mployer ed with
this inspection,	
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements	
Inspector's Signature Date DFC 17 19 98 . Commissions NC 1042 National Board, State, Province, and Endorsements	

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

	lina Power & Lig	Name					Dáte11/8	/
P.O. Box 1	551, Raleigh, N.	C 27602=1551					Sheet <u>1 of </u>	2
	221, 10161411, 11.	Address				<u> </u>	sneec <u>r</u> or _	
Plant Shear	ron Harris Nucle	ar Power Plant				ı	Jnit1	
		Name					,	
P.O. Box 10	65. New Hill. N.	C. 27562-0165	p				74	
		Address			Repair	Organiza	ation P.O. No., Jo	b No., et
Work Perform	med by <u>Carolin</u> s	a Power & light			Туре С	ode Symbo	ol StampN/A	<u> </u>
4	п		Name	1	Author	ization N	vo	
		x 165 New Hill, Address				•	N/A	,
Tannai fi anni	-				•			
rdentificat	rou or system: 30	Jou-Chemical and	a volume Con	trol System		AS	SME III, CLASS 2	_
	,		,			<u></u>	, AddendaN	<u> </u>
Identificat	ion of Component	s Repaired or F	Replaced and	Replacement	Compon	ents		
Identificat	ion of Component	s Repaired or F	Replaced and	Replacement	Compon			·
ame of	Name of	Manufacturer	National Board	Other		Year	Repaired, Replaced,	ASME Code Stampe (Yes
ame of			National	Other Identifica		Year Built	Replaced, or Replacement	Code Stampe (Yes or No)
ame of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other		Year	Replaced,	Code Stampe (Yes
ame of Component Inubber	Name of Manufacturer Pacific	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Replaced, or Replacement	Code Stampe (Yes or No)
ame of component nubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 21352	National Board No. N/A	Other Identifica CS-H-168		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
ame of omponent nubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 21352	National Board No. N/A	Other Identifica CS-H-168		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No
Identificat	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 21352	National Board No. N/A	Other Identifica CS-H-168		Year Built 1981	Replaced, or Replacement Replaced	Code Stampe (Yes or No) No

9.	Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached
	Applicable Manufacturer's Date 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 the ASME Code, Section XI. Repair or Replacement
	Type Code Symbol Stamp <u>N/A</u>
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Man a Inspection & Test Supervisor Date 1-14, 19 99
	CERTIFICATE OF INSERVICE INSPECTION
In In in to de co.	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and surance Company of One State Street, Hartford Connecticut 06102 have inspected the components described this Owner's Report during the period 10-25-98 to 10-30-90, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, incerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of y kind arising from or connected with this inspection, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements
In In to de	CERTIFICATE OF INSERVICE INSPECTION I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and surance Company of One State Street, Hartford Connecticut 06102 have inspected the components describe this Owner's Report during the period 10-25-78 to 10-30-70 , and state the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, incerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the spector, nor his employer shall be liable in any manner for any personal injury or property damage or a loss of the ASME Code, Section XI. Commissions NC 1042 National Board, State, Province, and Endorsement

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

1. Owner <u>Car</u>	olina Power & Lig	tht Company Name	···				Date	12/14/9	8
P.O. Box	1551, Raleigh, N.	,		·		·	Sheet <u>1</u>	_ of <u>'</u>	2
2. Plant <u>She</u>	aron Harris Nucle	ar Power Plant Name	•	<u>. </u>	·	t	Unit <u>1</u>		
P.O. Box	165. New Hill. N.	C. 27562-0165				97-AHHH1		·	
Nº		Address			Repair	Organiza	ation P.O.	No., Job	No., etc.
3. Work Perfor	rmed by <u>Carolin</u>	a Power & light	Company Name			_	ol Stamp		
	Р.О. Во	x 165 New Hill, Address		0165			io		
					-				
1. Identificat	ion of System: <u>2</u>	060-Chemical and	d Volume Con	trol System		ASN	1E III, CLAS	SS 2	
5. (a) Applica	able Construction	Code _ASME Sec	t.III 19_	74 Edition,	WINTE	R 1976 A	ddenda, <u>N</u>	/A_Code	Case
(b) Applica	able Edition of S	ection XI Utili:	zed for Repa	irs or Repla	cements	1989_	, Addenda	aNO	
			-	-		· · · · ·			ų.
. Identifica	tion of Componen	ts Repaired or I	Replaced and	Replacement	Compon	ents			
	•		National		•		nanatura	4	ASME Code
Name of	Name of	Manufacturer	Board	Other		Year	Repaired, Replaced,		Stamped (Yes
Snubber	Manufacturer Pacific Scientific	Serial No. S/N 8785	No. N/A	CS-H-659	tion	Built 1979	Replaced	ement	or No) No
Snubber	Pacific Scientific	S/N 6114	N/A	СS-H-659		1980	Replaceme	nt	No
•						A			
•						•			
	4		<u>!</u>	l		<u> </u>	سندسب و	<u></u>	
7. Des	cription of Work;	Replaced Snubb	er S/N 8785	with Snubber	S/N 61	14 on har	nger CS-H-6	59.	
8. Tes	ts Conducted: Hy	ydrostatic 🛭 ther 🗹 Press			_	Pressure			
n., (2) infor	ental sheets in f mation in items : of sheets is red	i through 6 on t	his report	is included					
(12/82)				`	مو				

. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
•
, , , , , , , , , , , , , , , , , , ,
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
signed Much a Par Inspection & Test Supervisor Date 12/29 , 19 98
Owner or Owner's Designee, Title
. CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and. Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-2-98 to 17-4-98, and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection,
Inspector's Signature National Board, State, Province, and Endorsements
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date Dec 30 19 98

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

3 ¹	· · · · · · · · · · · · · · · · · · ·	<i>F</i>					·	
1. Owner <u>Caro</u>	lina Power & Lic		····				Date11/8/	98
		Name						
P.O. Box 1	551, Raleigh, N.	C. 27602-1551		· »			Sheet <u>1</u> of _	2
		Address						
2. Plant <u>Shea</u>	ron Harris Nucle	ar Power Plant		1			Unit1	
		Name						
P.O. Box 1	65. New Hill. N.	C. 27562-0165			WR/JO	97-AHHI1		*
	•	Address			Repair	r Organiz	ation P.O. No., Jo	b No., etc
3. Work Perform	med by <u>Carolin</u>	a Power & light	Company		Type (Code Symb	ol Stamp N/A	
	•		Name					
н	P.O. Bo	x 165 New Hill.	N.C. 27562-	-0165	Author	rization 1	NoN/A	н
N-		Address			Expira	ation Date	eN/A	
4. Identificat:	ion of System: 2	060-Chemical an	d Volume Con	itrol System		λ.	SME III. CLASS 2	
		VV VIIIMAVAA OII	VVAUING CVI	y System			SME III. CDASS 2	
5. (a) Annlical	ole Construction	Codo ACVE Coa	- TTT 10	74 - 24-4	F.172	m 1006		_
							Addenda, <u>N/A</u> Cod	
(b) Applical	ole Edition of S	ection XI Utili:	zed for Repa	irs or Repla	cements	19 <u>89</u>	, AddendaN	0
				-				1
6. Identificat	ion of Componen	ts Repaired or 1	Replaced and	Replacement	Compon	ents		
			<u> </u>	<u> </u>		7	Ĭ	
					,-	1		ASME
			National	ļ		ļ	Dame tura	Code
Name of	Name of	Manufacturer	Board	Other		Year	Repaired, Replaced,	Stamped (Yes
Component	Manufacturer	Serial No.	No.	Identifica	tion	Built	or Replacement	or No)
Snubber	Pacific Scientific	S/N 15643	N/A	CS-H-41A		1981	Replaced	No
Snubber	Pacific	S/N 14255	N/A	CS-H-41A	 -	1981	Replacement	No
	Scientific			4				
	,					1		
	1							Ĭ
		,						
······································								
•		[,					
	<u> </u>	<u> </u>		<u> </u>		<u> </u>		
7. Desci	ciption of Work:	Replaced Snubb	er S/N 15643	with Snubba	r 9/N 1	4255 on 1	·	
		The state of the s		TANK SHAPE	اا	CERT OIL	MINGE CO-H-41A	
8. Test	s Conducted: Hý	drostatic O	, Pneumatic C	Nominal on	ovatin~	Droces	ν π ΄	
2. 2300	Ot	her Ø Press	ureN/A	psi Test	Temp.	N/A	of "	
OTE: Sunnlemen							ided (1) size is	114 da 1
n., (2) inform	ation in items 1	through 6 on t	his report	is included	y be us on each	sea, prov sheet, a	ided (1) size is and (3) each sheet	is numbere
		orded at the to				•	• • • • • • • • • • • • • • • • • • • •	

(12/82

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Mah a Pay Inspection & Test Supervisor Date 1-14, 1999 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-38-98 to 10-30-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date 18 V 10 19 F1

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

1. Owner _Caro	lina Power & Lic	ht Company Name					Date <u>11/8/98</u>	
P.O. Box 15	551, Raleigh, N.						Sheet <u>1</u> of	2
2. Plant <u>Shear</u>	con Harris Nucle	ar Power Plant Name	W				Jnit <u>1</u>	-
P.O. Box 16	55, New Hill, N.	C. 27562-0165 Address		· · · · · · · · · · · · · · · · · · ·	WR/JO Repair	97-AHHJ1 Organiza	ation P.O. No., Joh	No., etc.
3. Work Perform	ned by <u>Carolin</u>	a Power & light	- · · · ·		туре С	Code Symbo	ol StampN/A	
			Name		Author	ization N	ioN/A_	
	P.O. Bo	x 165 New Hill, Address		0165			N/A	
4. Identificati	on of System:	2060-Chemical a	nd Volume Co	ntrol System		AS	ME III, CLASS 2	
							ddenda, <u>N/A</u> Code	
(b) Applicab	ole Edition of So	ection XI Utili:	zed for Repa	irs or Replac	cements	1989_	, AddendaNO	
6. Identificat	ion of Component	ts Repaired or I	Replaced and	Replacement	Compon	ents	_	
					-			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	r'i an	Year , Built	Repaired, Replaced,	ASME Code Stamped (Yes
Snubber	Pacific Scientific	S/N 16079	N/A	CS-H-41B	LION	1981	or Replacement Replaced	or No) No
Snubber	Pacific Scientific	S/N 15640	N/A	CS-H-41B		1981	Replacement	No
,								
			,					
			<u>, , , , , , , , , , , , , , , , , , , </u>					
7. Descr	iption of Work <u>:</u>	Replaced Snubbe	er S/N 16079	with Snubbe	r s/N 1	5640 on h	anger CS-H-41B	
8. Test:	s Conducted: Hy Ot		Pneumatic 🗆 ure <u>N/A</u>			Pressure		
NOTE: Supplement in., (2) information and the number of	ation in items 1	orm of lists, s through 6 on t	ketches, or his report	drawings may	y be us	ed, prov	ided (1) size is 8 nd (3) each sheet	% in. x 11 is numbered

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
signed Wash a Par Inspection & Test Supervisor Date 1-14, 1999
Owner or Owner's besignee, Title
CERTIFICATE OF INSERVICE INSPECTION
Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-29-98 to 10-30-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI By signing this certificate neither the Inspector 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. Commissions NC 1042 National Board, State, Province, and Endorsements Date Aw 18 19 99

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

	lina Power & Light Na	Company me			Date	01-19-99	
P.O. Box 15	551, Raleigh, N. C.			·	Sheet <u>1</u>	_ of	II.
Plant Shear	ron Harris Nuclear	Address Pover Plant			Unit Í	ı	
Ttune <u>snear</u>	or narris nactear	Name					
P.O. Box 16	55, New Hill, N. C.	27562-0165 Address		WR/JO 97-AHIR Repair Organi	tation P.O.	No., Job No., etc.	
Work Perform	ned by <u>Carolina P</u>	омег & light Comp Name		Туре Code Syn	mbol Stamp _	. N/A	
	P.O. Box 1	65 New Hill, N.C.	27562-0165			H/A	
	70/5	Address	A 8		•	H/A	
toentificati	on of System: 3065	-Auxitiary Feedwa	ter System		ASME III, CL	A35_2	
Identificat	ion of Components	Repaired or Repla	ced and Repla	cement Components			
		4	l .	1	1		
) <i>:</i>	Ł		ļ		, p		ASHE Code
	Name of	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes
ame of component Snubber		Manufacturer Serial No. S/N 4772		Other Identification AF-H-320A	Year Built See Remarks		Code Stamped
omponent	Name of Hanufacturer	Serial No.	Board No.	Identification	Built See	Replaced, or Replacement	Code Stamped (Yes or No)
omponent Snubber	Name of Hanufacturer See Remarks	Serial No. S/N 4772	Board No. N/A	Identification AF-H-320A	Built See Remarks	Replaced, or Replacement Replaced	Code Stamped (Yes or No)
omponent Snubber	Name of Hanufacturer See Remarks	Serial No. S/N 4772	Board No. N/A	Identification AF-H-320A	See Remarks	Replaced, or Replacement Replaced	Code Stamped (Yes or No)
omponent Snubber	Name of Hanufacturer See Remarks	Serial No. S/N 4772	Board No. N/A	Identification AF-H-320A	See Remarks	Replaced, or Replacement Replaced	Code Stamped (Yes or No)
omponent Snubber Snubber	Name of Hanufacturer See Remarks Pacific Scientific	Serial No. S/N 4772 S/N 6252	Board No. N/A	Identification AF-H-320A AF-H-320A	Built See Remarks 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No)
omponent Snubber Snubber	Name of Hanufacturer See Remarks Pacific Scientific	Serial No. S/N 4772 S/N 6252	Board No. N/A	Identification AF-H-320A	Built See Remarks 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No)
Snubber Snubber 7. Desc	Name of Hanufacturer See Remarks Pacific Scientific cription of Work: R	Serial No. S/N 4772 S/N 6252 eptaced Snubber Septaced Snubber Snubber Septaced Snubber Sn	Board No. N/A N/A N/A	Identification AF-H-320A AF-H-320A	Built See Remarks 1979 hanger AF-H-	Replaced, or Replacement Replaced	Code Stamped (Yes or No)

Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
CR 99-0165 written for not being able to retrieve the Code Data Reports for the replaced snubber serial number 4772.	
,	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the AS Code, Section XI. Repair or Replacement	HE
Type Code Symbol Stamp N/A	ļ
Certificate of Authorization No. N/A Expiration Date N/A	ļ
Signed Much a Par Inspection & Test Supervisor Date 1-20, 1999	
Owner or Owner's Designee, Title	1
	-4
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State	the
Street, Hartford Connecticut 06102 have inspected the components described	
in this Owner's Report during the period 10-27-98 to 10-28-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this	
Owner's Report in accordance with the requirements of the ASME Code, Section XI.	11
By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the	e
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	h
this inspection.	•
Inspector's Signature National Board, State, Province, and Endorsements	
Inspector's Signature Date 1-26 19 Gommissions No. 1042 National Board, State, Province, and Endorsements	

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

1. Owner <u>Car</u>	olina Power & Lig	ht Company Name		,			Dáte11/9/	98
P.O. Box	1551, Raleigh, N.	•					Sheet <u>1</u> of _	2
2. Plant She	aron Harris Nucle		<u>, </u>		<u>*</u>		Jnit 1	
P.O. Box	1 <u>65. New Hill, N.</u>	C. 27562-0165 Address				97-AHIL1 Organiza	ation P.O. No., Jo	b No., etc.
3. Work Perfo	rmed by <u>Carolin</u>	a Power & light	Company Name				ol Stamp N/A	
	P.O. Bo	x 165 New Hill. Address		-0165			NoN/A	
4. Identificat	tion of System: <u>3</u>	065-Auxiliary Fe	eedwater Sys	tem		ASME	: III, CLASS 2	*
(b) Applica		ection XI Utiliz	zed for Repa	irs or Repla	cements	19 <u>89</u>	addenda, <u>N/A</u> Codo	
Name of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	rion.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Pacific Scientific	S/N 17451	N/A	AF-1:-363	CION	1981	Replaced	No
Snubber	Pacific Scientific	S/N 18596	N/A	AF-H-363	,	1981	Replacement	No
		, ,	,					
				<u> </u>		,		
	cription of Work <u>:</u> ts Conducted: Hy Ot	/drostatic 🔲 :	Pneumatic C		erating	Pressure	. 0	
in., (2) infor	ental sheets in f mation in items 1 of sheets is rec	through 6 on t	his report	is included	y be us on each	sed, prov sheet, a	ided (1) size is and (3) each sheet	3½ in. x 11 is numbered

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Mark a Par Inspection & Test Supervisor Date 1-14 , 19 99 Owner or Owner's Designee, Title
P
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 One State Street, dartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-17-78 to 11-4-78, 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 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Inspector's Signature National Board, State, Province, and Endorsements
Date TAW 18 19 99

Name of Name of Manufacturer Board Other Year Replaced,		11/12/98	Date	· · · · · · · · · · · · · · · · · · ·			na Power & Light (1. Owner <u>Caroli</u>
Name P.O. Box 165, New Hill, N. C. 27562-0165 Address Repair Organization P.O. No., Job No., etc. 3. Work Performed by Carolina Power & Light Company Name P.O. Box 165 New Hill, N.C. 27562-0165 Address Address Repair Organization P.O. No., Job No., etc. 4. Identification of System: 2060-Chemical and Volume Control System ASME III, CLASS 2 5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO 6. Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer Serial No. No. Identification Built or Replaced, Replaced, Scientific S/N 17476 N/A CS-H-427 1983 Replaced Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement		of2	Sheet 1				1, Raleigh, N. C.	P.O. Box 155
Address Repair Organization P.O. No., Job No., etc. 3. Work Performed by Carolina Power & Light Company Type Code Symbol Stamp N/A Name P.O. Box 165 New Hill, N.C. 27562-0165 Address Expiration Date N/A 4. Identification of System: 2060-Chemical and Volume Control System ASHE III, CLASS 2 5. (a) Applicable Construction Code ASHE Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO 6. Identification of Components Repaired or Replaced and Replacement Components Name of Manufacturer Serial No. No. Identification Built Replaced, or Replacement Shubber Pacific S/N 17476 N/A CS-H-427 1985 Replaced Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement			Unit <u>1</u>				n Harris Nuclear I	2. Plant Sheard
Name P.O. Box 165 New Hill, N.C. 27562-0165 Address Expiration Date N/A 4. Identification of System: 2060-Chemical and Volume Control System ASME III, CLASS 2 5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, Addenda NO 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Manufacturer Serial No. No. Identification Built or Replaced, or Replacement Snubber Pacific S/N 17476 N/A Repaired, Replaced, or Replacement Components No. Identification Built or Replacement Snubber Pacific S/N 17476 N/A CS-H-427 1983 Replaced Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement		. No., Job No., etc.	R1 ization P.O.	WR/JO 97-AHIR Repair Organi	ν		, New Hill, N. C.	P.O. Box 165
Address Expiration Date							d by <u>Carolina Po</u>	3. Work Performe
5. (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO 6. Identification of Components Repaired or Replaced and Replacement Components Name of Name of Hanufacturer Serial No. No. Identification Built or Replaced, or Replaced No. Scientific S/N 17476 N/A CS-H-427 1983 Replaced Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement					27562-0165		P.O. Box 16	
Name of Name of Hanufacturer Serial No. No. Identification Built or Replaced, or Replaced Scientific S/N 17476 N/A CS-H-427 1985 Replacement Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement		N/A_Code Case	_ Addenda, <u>R</u>	ition <u>, WINTER 1976</u> Replacements 19 <u>8</u>	19 <u>74</u> Edit or Repairs or R	e <u>ASME Sect.III</u> on XI Utilized f	e Construction Code	5. (a) Applicabl
Snubber Pacific S/N 17476 N/A CS-H-427 1983 Replaced Snubber Pacific S/N 12523 N/A CS-H-427 1985 Replacement	ASME Code Stamped (Yes	Replaced,	Year	Other	Board			
	or No)				· · · · · · · · · · · · · · · · · · ·		Pacific	
	No	Replacement	1985	CS-H-427	N/A	S/N 12523		Snubber
	,					`		
7. Description of Work: Replaced Smubber S/N 17476 with Snubber S/N 12523 on hanger CS-H-427.	· · · · · · · · · · · · · · · · · · ·	-н-427.	n hanger CS-	Snubber S/N 12523 or	/N_17476 with S	placed Snubber S	iption of Work <u>: Re</u>	7. Descr
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure N/A psi Test Temp. N/A of NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11		ų,	<u>A</u>	Test Temp. N/A	N/A psi	☑ Pressure _	Other	1

sheets is recorded at the top of this form.

2. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
	_
	-
	_
, '	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules Code, Section XI.	of the ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Much a Par Inspection & Test Supervisor Date 1-14, 1979	
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 Inspectate or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described to the Day of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, con examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or conthis inspection. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date Day 19 99	One State bed in this cerning the is employer
Date VANC 17 19 7 1	

	•	Name					Date11/5/9	
P.O. Box	1551, Raleigh, N.	C. 27602-1551 Address				:	Sheet <u>1</u> of	2 ′
). Plant Sho	aron Harris Nucle						Tair 1	
· I zane _ <u>She</u>	aton harris Nucre	Name					Unit 1	
P.O. Box	165, New Hill, N.	C. 27562-0165 Address					ation P.O. No., Jol	No., et
. Work Perfo	rmed by <u>Carolin</u>	a Power & light	Company		Туре С	ode Symbo	ol StampN/A	
	•		Name		Author	ization N	10N/A	
•	P.O. Bo	<u>x 165 New Hill.</u> Address			Expira	tion Date	9N/A	
. Identifica	tion of System: 3	050-Feedwater S	vstem				ASME III, CLASS 2	,
	·			•				,
(a) Applica	able Construction	Code ASME Sect	.III 19_	74 Edition,_	WINTE	R 1976 A	ddenda, <u>N/A</u> Code	Case
(b) Applica	able Edition of S	ection XI Utili:	zed for Repa	irs or Replace	ements	19 _ 89	, AddendaNO)
							1	
Identifica	ation of Componen	ts Repaired or I	Replaced and	Replacement		nts	-	
					=		·	ASME
								Code
•			National	1			Repaired,	Stamped
Name of	Name of	Manufacturer	. Board	Other		Year	Replaced,	(Yes
Component	Manufacturer	Serial No.	No.	Identificat	ion	Built	or Replacement	(Yes or No)
Component				1	ion			(Yes
Name of Component Snubber Snubber	Manufacturer Pacific	Serial No.	No.	Identificat	ion	Built	or Replacement	(Yes or No)
Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 6236	No. N/A	Identificat: FW-H-118		Built 1979	or Replacement Replaced	(Yes or No) No
Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 6236	No. N/A	Identificat: FW-H-118 FW-H-118		Built 1979	or Replacement Replaced	(Yes or No) No
Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 6236	No. N/A	Identificat: FW-H-118 FW-H-118		Built 1979	or Replacement Replaced	(Yes or No) No
Component Enubber Enubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 6236	No. N/A	Identificat: FW-H-118 FW-H-118		Built 1979	or Replacement Replaced	(Yes or No) No
Component Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 6236 S/N 5877	No. N/A N/A	Identificat: FW-H-118 FW-H-118	,	Built 1979 1979	or Replacement Replaced Replacement	(Yes or No) No
Component Snubber Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 6236 S/N 5877	No. N/A N/A	Identificat: FW-H-118 FW-H-118	,	Built 1979 1979	or Replacement Replaced Replacement	(Yes or No) No
Component Snubber Snubber 7. Desc	Manufacturer Pacific Scientific Pacific Scientific cription of Work:	Serial No. S/N 6236 S/N 5877 Replaced Snubberdrostatic	No. N/A N/A N/A Preumatic E	Identificat: FW-H-118 FW-H-118 with Snubber: Nominal Open	S/N 58	1979 1979 77 on har	or Replacement Replaced Replacement	(Yes or No) No
7. Desc	Manufacturer Pacific Scientific Pacific Scientific cription of Work:	Serial No. S/N 6236 S/N 5877 Replaced Snubber drostatic Cher Ø Press	No. N/A N/A N/A Preumatic Cure N/A	Identificat: FW-H-118 FW-H-118 with Snubber: Nominal Open	S/N 58	1979 1979 77 on har Pressure N/A	or Replacement Replaced Replacement	(Yes or No) No
7. Desc 8. Tes E: Suppleme	Manufacturer Pacific Scientific Pacific Scientific cription of Work: Cts Conducted: Hy Other	Replaced Snubbered Snubbered Pressure of lists, sethrough 6 on t	No. N/A N/A N/A Pneumatic Cure N/A ketches, or his report	Identificat: FW-H-118 FW-H-118 With Snubber: Nominal Open psi Test drawings may is included or	S/N 58 rating Temp.	1979 1979 77 on har Pressure N/A	or Replacement Replaced Replacement	(Yes or No) No No

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Non a Signed Inspection & Test Supervisor Date 1-74 , 1979. 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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-77-98 to 10-78 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 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date <u>JAN 18 19 99 19 1</u>

1. Owner <u>Caro</u>	lina Power & Lic						Date11/5/9	8
		Name						
P.O. Box 1	551, Raleigh, N.	C. 27602-1551 Address				:	Sheet <u>1</u> of	2
					•			
2. Plant Shear	ron Harris Nucle	ear Power Plant Name					Unit 1	
		Binavi						
P.O. Box 1	<u>65. New Hill. N.</u>					97-АНЈВ1		
		Address			Repair	c Organiza	ation P.O. No., Joh	No., etc.
3. Work Perform	med by <u>Carolin</u>	a Power & light	Company Name		Туре (Code Symbo	ol Stamp N/A	·
	D 0 D-	166			Author	rization 1	10. <u>N/A</u>	
	Р.О. во	<u>x 165 New Hill.</u> Address		-0165	Expira	tion Date	9N/A	
4 73								
4. Identificati	ion of System: 3	050-Feedwater S	vstem			AS	ME III. CLASS 2	
5. (a) Applicat	ole Construction	Code <u>ASME Sect</u>	t.III 19_	74 Edition,	WINTE	R 1976 P	ddenda, <u>N/A</u> Code	Case
(b) Applicab	ole Edition of S	ection XI Utili:	zed for Repa	irs or Repla	cements	1989	, AddendaNO)
	•		,					
6. Identificat	ion of Componen	ts Repaired or I	Replaced and	Replacement	Compon	ents		
			,		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	ļ			1	*	1	İ	ASME
1						ŀ	ļ	Code
Name of	Name of	Manufacturer	National Board			.	Repaired,	Stamped
Component	Manufacturer	Serial No.	No.	Other Identifica	tion	Year Built	Replaced, or Replacement	(Yes or No)
Snubber	Pacific	S/N 5207	N/A	FW-H-208		1980	Replaced	No
	Scientific						•	
Snubber	Pacific Scientific	S/N 5204	N/A	FW-H-208		1980	Replacement	No
ļ	Scientific							
	:	,		1				
*								
				!				
						 		
]
	<u> </u>			J			l	
7. Descr	iption of Work <u>:</u>	Replaced Snubbe	er S/N 5207	with Snubber	S/N 52	04 on han	ger FW-H-208.	
•								
8. Test	s Conducted: Hy	drostatic 🛛 1	Pneumatic C	Nominal Op	erating	Pressure		
	Ot	her 🛭 Press	ure <u>N/A</u>			N/A		
NOTE: Supplemen	tal sheets in f	orm of lists. s	ketches. or	drawings ma	y be us	ed, provi	ided (1) size is 8	16 in. v 11
in., (2) inform	ation in items 1	. through 6 on t	his report	is included	on each	sheet, a	nd (3) each sheet	is numbered
and the number of	or sneets is rec	orded at the to	p of this fo	orm.	The say			

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
•
······································
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed / / MWC & C Inspection & Test Supervisor Date /- 19 9 9 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-26-98 to 10-31-96 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date SAN 18 19 99

	lina Power & Light N	Company ame			Date	11/10/98	-
P.O. Box 1	551, Raleigh, N. C				Sheet <u>1</u>	of2	-
Plant Shea	ron Harris Nuclear	Address Power Plant	ř		Unit 1		
		Name			<u></u>		
P.O. Box 1	65, New Hill, N. C.	. 27562-0165 Address		WR/JO 97-AHJI Repair Organ	:1 zation P.O	. No., Job No., etc.	•
Work Perfor	med by <u>Carolina F</u>			Type Code Syr	nbol Stamp	N/A	•
1	P.O. Pay 1	Name 165 New Hill, N.C.		Authorization	No	N/A	•
	F.O. BOX	Address	_21302-0103		ite	N/A	i
Identificat	ion of System: 3060)-Hain Steam Syste	m		ASME III,	CLASS 2	,
(a) Applica	ble Construction Co	xde <u>ASHE Sect.III</u>	19 <u>74</u> Ec	dition, <u>WINTER 1976</u>	Addenda,_	N/A Code Case	
(b) Applica	ble Edition of Sect	ion XI Utilized f	or Repairs o	Replacements 19 <u>8</u>	9 , Adde	nda <u>NO</u>	
Identifica	tion of Components	Penaired or Penla	cad and Panis	ocement Components			
. acrici i i ca	cron or components	hepatica of hepta	cca and hepte	oculation compositions			
	1	1	7			1	
		,		, 			ASME Code
lame of	Name of	Hanufacturer	National Board	Other	Year	Repaired, Replaced,	
ame of component inubber	Manufacturer Pacific	Manufacturer Serial No. S/N 653		Other Identification HS-H-268	Year Built 1979		Code Stamped
omponent nubber	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent nubber	Hanufacturer Pacific Scientific Pacific	Serial No. S/N 653	Board No. N/A	Identification MS-H-26B	Built 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No) No
omponent nubber	Hanufacturer Pacific Scientific Pacific	Serial No. S/N 653	Board No. N/A	Identification MS-H-26B	Built 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No) No
omponent	Hanufacturer Pacific Scientific Pacific	Serial No. S/N 653	Board No. N/A	Identification HS-H-26B MS-H-26B	Built 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No) No
omponent nubber	Hanufacturer Pacific Scientific Pacific	Serial No. S/N 653	Board No. N/A	Identification HS-H-26B MS-H-26B	Built 1979	Replaced, or Replacement Replaced	Code Stamped (Yes or No) No
omponent nubber nubber	Hanufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 653 S/N 666	Board No. N/A	Identification MS-H-26B MS-H-26B	1979 1980	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No
omponent nubber nubber	Hanufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 653 S/N 666	Board No. N/A	Identification HS-H-26B MS-H-26B	1979 1980	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No
omponent nubber nubber 7. Des	Manufacturer Pacific Scientific Pacific Scientific cription of Work: R	Serial No. S/N 653 S/N 666 Replaced Snubber S ostatic Pneu	Board No. N/A N/A N/A	Identification HS-H-26B HS-H-26B Snubber S/N 666 Ref	Built 1979 1980	Replaced, or Replacement Replaced Replacement	Code Stamped (Yes or No) No

9.	Remarks: Applicable records are maintained in the plant vault and turnover package.	
	Applicable Manufacturer's Date Reports to be attached	
		
	CERTIFICATE OF COMPLIANCE	
C N	e certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASH ode, Section XI. Repair or Replacement	Ε
	Type Code Symbol Stamp N/A	
	Certificate of Authorization No. N/A Expiration Date N/A	
	Signed Man a Par Inspection & Test Supervisor Date 1-14, 1999 Owner or Owner's Designee, Title	
		5
	CERTIFICATE OF INSERVICE INSPECTION	1,
Silt to Oil silt to the silt t	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the sate or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State the treet, Hartford Connecticut 06102 have inspected the components described to 10-24-48 to 10-24-48, and state that 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 ASHE Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the saminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with his inspection, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date TAW 18 19 99	•
	Date TAN 18 19 99	

		ht Company				Date	41/4/30	
		Name						
P.O. Box 1	1551, Raleigh, N.	C. 27602-1551 Address				Sheet <u>1</u>	_ of	2
2. Plant Shor	aron Harris Nucle	er Dower Diane			,	Unit <u>1</u>		
z. Franc _sne	aron harris nucle	Name			 '	unic <u>I</u>		
P.O. Box 1	165. New Hill, N.	C. 27562-0165 Address			97-AHJJ1	ation P.O. N		
				•	i Organiza	acion P.O. r	do., Job	No., etc.
3. Work Perfor	med by <u>Carolin</u>	a Power & light	Company Name	Туре	Code Symbo	ol Stamp	N/A	
	, D.O. Do.	. 166		Autho	rization 1	70	N/A	
	P.O. 80	x 165 New Hill. Address			ation Date	·	N/A	
4. Identificat	ion of System: 2	085-Low Head Sa	fety Injecti	on and RHR System	A:	SME III. CLA	SS 2	
(b) Applica	able Edition of So	ection XI Utili:	zed for Repa	74 Edition, WINT	s 19 <u>89</u>			
	COMPONENT	- Repaired Of 1	replaced and	Repracement Compon	iencs			
1						gi ei		ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replace	٠ ا	Code Stamped (Yes or No)
			Board			Replaced,	٠ ا	Stamped (Yes
Component	Manufacturer Pacific	Serial No.	Board No.	Identification	Built	Replaced, or Replace	ement	Stamped (Yes or No)
Component Snubber	Manufacturer Pacific Scientific Pacific	Serial No. S/N 18595	Board No. N/A	Identification RH-H-176A	Built 1981	Replaced, or Replaced	ement	Stamped (Yes or No) No
Component Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 18595	Board No. N/A	Identification RH-H-176A	Built 1981	Replaced, or Replaced	ement	Stamped (Yes or No) No
Component Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 18595	Board No. N/A	Identification RH-H-176A	Built 1981	Replaced, or Replaced	ement	Stamped (Yes or No) No
Component Snubber Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 18595 S/N 12574	Board No. N/A	Identification RH-H-176A RH-H-176A	1981 1985	Replaced, or Replaced Replacement	ement nt	Stamped (Yes or No) No
Component Snubber Snubber	Manufacturer Pacific Scientific Pacific Scientific	Serial No. S/N 18595 S/N 12574	Board No. N/A	Identification RH-H-176A	1981 1985	Replaced, or Replaced Replacement	ement nt	Stamped (Yes or No) No
Component Snubber Snubber 7. Desc	Manufacturer Pacific Scientific Pacific Scientific ** Pription of Work:	Serial No. S/N 18595 S/N 12574 Replaced Snubba	Board No. N/A N/A	Identification RH-H-176A RH-H-176A with Snubber S/N Nominal Operating	1981 1985 1985 12574 on 1	Replaced, or Replaced Replacement	ement nt	Stamped (Yes or No) No
7. Desc 8. Test NOTE: Supplement	Manufacturer Pacific Scientific Pacific Scientific ription of Work: ts Conducted: Hy Ot ntal sheets in fo	Replaced Snubber of Control of Lists, sethrough 6 on t	Board No. N/A N/A N/A Presson 18595 Preumatic Cure N/A ketches, or his report	With Snubber S/N Nominal Operating psi Test Temp drawings may be us included on each	1981 1981 1985 1985 12574 on h	Replaced, or Replaced Replaced Replacement Replacement Replacement Panger RH-H-	ement 176A.	Stamped (Yes or No) No No

9. Remarks: Applicable records are maintained in the plant vault and turnover pckage.
Applicable Manufacturer's Date Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Much a Par Inspection & Test Supervisor Date 1-14, 19 99 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
* Abo undandana takan managa managa managa kan ang managa br>Managa managa manag
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-21-48 to 10-13-48 , 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 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,
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date JAN 18 19 59

U	_	į			•			
l. Owner <u>Car</u>	olina Power & Lie	nht Company Name	•				Date12/14/	98
P.O. Box	1551. Raleigh, N						Sheet <u>1</u> of	2
. Plant <u>She</u>	aron Harris Nucle	ear Power Plant Name					Unit1	
P.O. Box	165. New Hill. N.	C. 27562-0165 Address				97-AHJK1 r Organiz	ation P.O. No., Jo	b No., et
. Work Perfo	rmed by <u>Carolir</u>	a Power & light	Company Name				ol Stamp N/A	
	P.O. Bo	x 165 New Hill. Address		-0165			NoN/A	-
. Identifica	tion of System: <u>2</u>			ion System			N/A IE III. CLASS 2	
(b) Applica		ection XI Utili:	zed for Repa	airs or Repla	cements	s 19 <u>89</u>	Addenda, <u>N/A</u> Codo	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Repaired, Replaced,	ASME Code Stamped
Snubber	Pacific Scientific	S/N 8789	N/A	SI-H-203A	CION	1979	or Replacement Replaced	or No)
Snubber	Pacific Scientific	S/N 8783	N/A	SI-H-203A		1979	Replacement	No
			4					
	<u></u> ,							
7. Desc	eription of Work:	Replaced Snubbo	er S/N 8789	with Snubber	S/N 87	783 on har	ger SI-H-203A:	
8. Tes	ts Conducted: Hy Ot	drostatic 🗆 i ther 🗹 Pressu	Pneumatic C ure <u>N/A</u>			Pressure		
., (2) inform	ntal sheets in f mat ⁱ c: in items l o: sneets is rec	. through 6 on t	his report :	is included d	y be us on each	sed, prov sheet, a	ided (1) size is 8 nd (3) each sheet	3½ in. x is number

9.	Remarks: Applicable records are maintained in the plant vault and turnover package.
	Applicable Manufacturer's Date Reports to be attached
·	
•	
·	
	CERTIFICATE OF COMPLIANCE
	certify that the statements made in the report are correct and this replacement conforms to the rules the ASME Code, Section XI.
	*
7	Type Code Symbol Stamp N/A
(Certificate of Authorization No. N/A Expiration Date N/A
	Signed Much a Par Inspection & Test Supervisor Date 12/29, 19 98
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel
	spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and . Surance Company of One State Street, Hartford Connecticut 06102 have inspected the components described
in	this Owner's Report during the period 11-2-98 to 11-3-98, and state that
	the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
1	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied,
Ins	ncerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of
	kind arising from or connected with this inspection,
-	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Inspector's Signature . National Board, State, Province, and Endorsements
1	Date <u>Dec 30</u> 19 <u>98</u>
بسيم	

	olina Power & Lic	Name	,				Date12	/14/98	
_P.O. Box	1551, Raleigh, N	. C. 27602-1551	•				Sheet <u>1 </u>	£ 2	
		Address					\ <u></u>		
Plant She	aron Harris Nucle		¥				Unit <u>1 </u>		
		Name		•					
P.O. Box	165, New Hill, N.	C. 27562-0165 Address				97-AHJL1	ation P.O. No.	Joh No	
Wayle Dayfa.	mad bu Gawaliw						¥		
NOIK PETIDI	med by <u>Carolin</u>	a Power & Ildne	Name				ol Stamp	•	•
*	P.O. Bo	x 165 New Hill,	N.C. 27562-	-0165	Author	ization	No	Ν/Ă	_
*		Address	,	,	Expira	tion Date	e	N/A	
[dentificat	ion of System: 2	080-High Head S	afety Inject	ion System	P	ASI	ME III. CLASS 2	2	
			=	•	,				
Identifica	tion of Componen	ts Repaired or F	}	Replacement (Compon	ents		ASI Coo	le
me of	Name of	Manufacturer	National Board	Other	*	Year	Repaired, Replaced,	Cod Sta (Ye	le mp
me of			National		*			Cod Sta (Yeart or	le mp
me of mponent ubber	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificati	*	Year Built	Replaced, or Replaceme	Cod Sta (Ye or	le mp s No
ne of mponent ubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 8773	National Board No. N/A	Other Identificati	*	Year Built 1979	Replaced, or Replacement Replaced	Cod Sta (Ye or	le mp s No No
me of mponent ubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 8773	National Board No. N/A	Other Identificati	*	Year Built 1979	Replaced, or Replacement Replaced	Cod Sta (Ye or	le mp s No No
me of mponent ubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 8773	National Board No. N/A	Other Identificati	*	Year Built 1979	Replaced, or Replacement Replaced	Cod Sta (Ye or	e mpo s No No
me of mponent ubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 8773	National Board No. N/A	Other Identificati	*	Year Built 1979	Replaced, or Replacement Replaced	Cod Sta (Ye or	le mp s No No
me of mponent ubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No. S/N 8773 S/N 16846	National Board No. N/A	Other Identificati SI-H-203B	ion	Year Built 1979	Replaced, or Replacement Replaced	Coc Sta (Ye or	le mp s No No

nd the number of sheets is recorded at the top of this form.

Remarks: <u>Applicable records are maintained in the plant vault and turnover package.</u> Applicable Manufacturer's Date 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. Repair or Replacement
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A Signed Man a Fr Inspection & Test Supervisor Date 12/29, 19 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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 1/2-96 to 1/3-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date Dec 30 1998
Date 1986 - 30 1978

1. Owner <u>Car</u>	olina Power & Lig		·			<u> </u>	/ Date11/4/9	8
		Name					•	
P.O. Box	1551, Raleigh, N.						Sheet <u>1</u> of _	2
,		Address						
2. Plant She	aron Harris Nucle	ar Power Plant Name		· · · · · · · · · · · · · · · · · · ·		·	Unit1	
						•		
P.O. Box	165, New Hill, N.	C. 27562-0165 Address				97-AHJN1 Organiza	ation P.O. No., Joh	No. etc
2 Work Doufe.	mad be Gaustin	- Paris # 15-ba				y		
J. WOLK PELLOI	rmed by <u>Carolin</u>	a Power & light	Name				ol StampN/A	
•	P.O. Bo	x 165 New Hill,	N C 27562-	.0165	Author	ization 1	NoN/A	
	1,0,00	Address		-0105	Expira	tion Date	• N/A	
4. Identificat	ion of System: 2	085-Low Head Sa	fety Injecti	on and RHR S	vstem	A:	SME III, CLASS 2	
	- 							
5. (a) Applica	ble Construction	Code ASME Sec	t.III19	74 Edition,	WINTE	R 1976 7	Addenda, <u>N/A</u> Code	Case
							, AddendaN	
(2)pp2200	Dardon of D	cocion ai ociii.	ecu IOI Repa	irs or vebra	Cemencs	1902	, AddendaNC	<u>'</u>
6. Identifica	tion of Componen	ts Repaired or I	Replaced and	Replacement	Compon	ents		·
		-	<u>-</u>	<i>y - 1</i>		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·
								ASME
	ļ		National				Damadwa d	Code
Name of	Name of	Manufacturer	Board	Other		Year	Repaired, Replaced,	Stamped (Yes
Component Snubber	Manufacturer Pacific	Serial No. S/N 6529	No.	Identifica	tion	Built	or Replacement	or No)
S. and S. c.	Scientific	3/10 0329	N/A	SI-H-30B		1979	Replaced	No
Snubber	Pacific	S/N 16302	N/A	SI-H-30B		1983	Replacement	No
	Scientific							
								ļ. <u>'</u>
								<u> </u>
 								,
		ļ						
7			- 4- 4					
/. Desc	ription of Work:	Replaced Snubb	er S/N 6529	with Snubber	S/N 16	302_on_h	anger SI-H-30B.	
	ts Conducted. Us	drostatic []	Dnoumatta C	Nomical On		Drocesses	. n	
	ts Conducted: Hy Ot	drostatic [] :	Pneumatic C ure <u>N/A</u>	Nominal Op psi Test		Pressure N/A		
8. Test	Ot ntal sheets in f	ther 🗹 Press orm of lists, s	ure <u>N/A</u> ketches, or	psi Test drawings ma	Temp.	N/A ed, prov		% in. x 1

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI.
Type Code Symbol StampN/A
Contificate of Authorization Va
Certificate of Authorization No. N/A Expiration Date N/A
Signed // Iuh h g Inspection & Test Supervisor Date 1-14 , 19 99 Owner or Owner's Designee, Title
owner of owner a besigned, filte
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-22-98 to 10-23-98 , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector 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,
CommissionsNC 1042
Inspector's Signature National Board, State, Province, and Endorsements
Date IAM 18 19 89

. Owner <u>Car</u>	olina Power & Lic	Name		· ·		Date12/14/	
P.O. Box	1551, Raleigh, N.	C. 27602-1551 Address			r.	Sheet 1 of _	2
Plant Sho	aron Harris Nucle			•		Unit1	
, 110	WASH HALL AS ING CO	Name					·
P.O. Box	165, New Hill, N.				97-AHJ01		
Marile Barela		Address		-	_	ation P.O. No., Jo	•
, work Perio	rmed by <u>Carolin</u>	a Power & light	Name			ol Stamp <u>N/A</u>	
	Р.О. Во	x 165 New Hill.		0165		NoN/A	
-		Address			arion Date	eN/A	
Identifica	tion of System:	4060-Normal Ser	vice Water S	ystem	ASI	ME III. CLASS 2	
(h) Annlic	able Edition of S	ection YT Htili	and for Pope	ire or Poplacomont	c 10 00	Addonds W	
			Replaced and	irs or Replacement		, AddendaNO	ASME Code
Identifica	ation of Componen	ts Repaired or F	Replaced and .National Board	Replacement~Compo	nents Year	Repaired, Replaced,	ASME Code Stamped (Yes
Identifica Name of Component	ation of Componen	ts Repaired or F	Replaced and	Replacement~Compo	nents	Repaired,	ASME Code Stamped
Identification of component combber	Name of Manufacturer	ts Repaired or F Manufacturer Serial No.	Replaced and National Board	Replacement~Compo	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Identifica	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No.	.National Board No.	Other Identification SW-H-2005	Year Built 1981	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes or No) No
Identification of Component Snubber	Name of Manufacturer Pacific Scientific Pacific	Manufacturer Serial No.	.National Board No.	Other Identification SW-H-2005	Year Built 1981	Repaired, Replaced, or Replacement Replaced	ASME Code Stamped (Yes or No) No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered

nd the number of sheets is recorded at the top of this ram.

€.	Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached.
	<u> </u>
	CERTIFICATE OF COMPLIANCE
	certify that the statements made in the report are correct and this replacement conforms to the rules the ASME Code, Section XI. Repair or Replacement
(Type Code Symbol StampN/A Certificate of Authorization NoN/AExpiration DateN/A Signed
	CERTIFICATE OF INSERVICE INSPECTION
Ins Ins in to des I con Ins any	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel spectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and surance Company of One State Street, Hartford Connecticut 06102 have inspected the components described this Owner's Report during the period 10 -27-98 to 10-28-78, and state that the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures scribed in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, incerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the spector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of y kind arising from or connected with this inspection, Commissions NC 1042 N

i. Owner <u>Caroli</u>	<mark>ina Power & Light C</mark> Nam				Date <u>01</u>	-21-99	
P.O. Box 155	51, Raleigh, N. C.	-			Sheet 1	of <u>2</u>	
2. Plant <u>Shearc</u>	on Harris Nuclear P				Unit <u>1</u>		
P.O. Box 165	, New Hill, N. C.	27562-0165 Address	•		WR/JO Repair Org	97-AIIZ1 ganization P.O. No.,	Job No., e
. Work Performe	d by <u>Carolina Po</u>	wer & light Comp Name		,	Type Code	Symbol Stamp	N/A
0.0 5 4/5			•		Authorizat	tion No	N/A·
P.U. BOX 165	New Hill, N.C. 275	Address			Expiration	n Date	N/A
. Identificatio	n of System: MAIN	STEAM SYSTEM (30	201		•		
. Identificati	on of Components Re	epaired and Repla	National	nents .		Repaired,	ASME Code
Name of	Name of	Manufacturer	Board	Other	Year	Replaced,	Stamped (Yes
RELIEF VALVE 1HS-52	CROSBY VALVE & GAGE COMPANY	Serial No. N57374-00- 0012	No. 847	Identification N/A	Built 1980	or Replacement REPLACED	OF NO)
RELIEF VALVE 1HS-52	CROSBY VALVE & GAGE COMPANY	N57374-00- 0002	830	H/A	1980	REPLACEMENT	YES
STUDS (1-3/8")	DUBOSE NATIONAL ENERGY SERVICE	H/A	N/A	P/N 761-720-30 PO # 9C0386 HT CODE ABK	1998	REPLACEMENT	NO
NUTS (1-3/8")	DUBOSE NATIONAL ENERGY SERVICE	H/A	H/A	P/N 761-148-34 PO # 8N7667 HT CODE FDX		REPLACEMENT	NO .
				,			NO
	ļ	I					
. Description of	f Works REPLACED NA	IN STEAM DELIFE	VALVE 1MC-52	WITH DECIMENSHED DE	TEE VALVE		
. Description of	f Work <u>: REPLACED MA</u>	IN STEAM RELIEF	VALVE 1MS-52	WITH REFURBISHED REL	IEF VALVE.	, : 01	
	ed: Hydrostatic 🗆	Pneumatic □	Nominal Oper		IEF VALVE.		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

۶.	Remarks: ALSO RELPLACED SOME STUDS AND NUTS ON THE DISCHARGE SIDE OF THE RELIEF VALVE.
	Applicable Manufacturer's Date Reports to be attached
	<u> </u>
	Y
	CERTIFICATE OF COMPLIANCE
	the considerable the address and in the constant and this property and the conformation of the
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement
	ASHE Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Aythorization No N/A Expiration Date N/A
	Signed While a Part Inspection & Test Supervisor Date 2-2, 19 99
	Owner or Owner's Designee, Title
	GROWTH OF THEFTON
	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 One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 10-25-98 to 12-07-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code. Section XI.
	By signing this certificate neither the Inspector 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,
	CADA
	Inspector's Signature Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Date $\frac{3}{2} - \frac{3}{2}$ 19 $\frac{99}{9}$

1. Owner Caroli	na Power & Light C	, ř			Date <u>01</u>	-22-00	
	Nam		<u></u>		<u></u>		
P.O. Box 155	1. Raleigh, N. C.	27602-1551 Address		<u> </u>	Sheet 1	of	
2 Diene Chasse	a Hanaia Noolean B						•
2. Plant <u>Snearo</u>	<u>n Harris Nuclear P</u>	Name			Unit1_		
P.O. Box 165	, New Hill, N. C.	27562-0165 Address			WR/JO Repair Ore	97-AIJA1 ganization P.O. No.	. Job No., etc
3. Work Performe	d by <u>Carolina Po</u>					Symbol Stamp	
		Name	•		Authorizat	tion No	N/A
P.O. Box 165	New Hill, N.C. 275		***				
	1	Address			Expiration	Date	N/A
. Identification	n of System: <u>M/IN :</u>	STEAM SYSTEM (30	20) VALVE	IMS-54 /	ASME III. C	CLASS 2	
				•			
. (a) Applicable	e Construction Code	e ASHE Sect.III	19 <u>74</u> Ed	dition, WINTER 1976	Ac	kdenda, N/A	Code Cas
(b) Applicable	e Edition of Section	on XI Utilized f	or Repairs o	Replacements, 1989	, Adder	nda <u>NO</u>	•
• 1				,			
6. Identification	on of Components Re	epaired and Repl	acement Compo	onents			
		1	,		Ī	1	
	ĺ		ľ	,	` `	İ	ASHE
			National	-	1	Repaired.	Code Stamped
Name of Component	Name of	Manufacturer	Board	Other	Year	Replaced,	(Yes
RELIEF VALVE	Manufacturer CROSBY VALVE &	Serial No. N57374-00-	No. 849	Identification N/A	Built 1980	or Replacement REPLACED	OF NO)
1MS-54	GAGE COMPANY	0014			1,00	,	163
RELIEF VALVE	CROSBY VALVE &	N57374-00-	831	H/A	1980	REPLACEMENT	YES
1MS-54	GAGE COMPANY	0003		. `	1		1
STUDS (1")	DUBOSE NATIONAL ENERGY SERVICE	N/A	'N/A	P/N 514-117-67 PO # 8P0467 HT CODE NAO	1997	REPLACEMENT	МО
NUTS (1")	NOVA MACHINE PRODUCTS CORP.	N/A	N/A	P/N 727-414-81 PO # 6H5809	1991	REPLACEMENT	Ю
· · · · · · · · · · · · · · · · · · ·	,			HT # 32793			но
· · · · · · · · · · · · · · · · · · ·				1			
. Description of	· Work: REPLACED MA	IN STEAM-RELIEF	VALVE 1MS-54	WITH REFURBISHED REL	TEE VALVE	,	
•				1 The least			•
. Tests Conducte	d: Hydrostatic 🗆	Pneumatic 🗆	Nominal Oper	ating Pressure 🖾			
	Other 🏻 Pro	essure <u>952</u>	_psi Test T	emp. <u>539</u> of			
				•			

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

	FORM NIS-2 (Back)
٠.	Remarks:
	Applicable Hanufacturer's Date Reports to be attached
	, \cdot
	•
ace:	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement
	ASHE Code, Section XI.
	, ષ
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Mak a For Inspection & Test Supervisor Date Z-Z, 19 99
	Owner or Owner's Designee, Title
	u .
	GERMINICAMO ON INCORPORTOR TRANSPORTOR
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
	State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 10-25-98 to 11-29-98 and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector 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,
	Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements
	Date 2 3 19 9 4

1. Owner <u>Caroli</u>	na Power & Light Co Name	ompany 👵			Date01	-21-99	· · · · · · · · · · · · · · · · · · ·
P.O. Box 155	1, Raleigh, N. C. 2	27602-1551 Address		, e	Sheet 1	of2	
2. Plant <u>Shearo</u>	n Harris Nuclear Po	ower Plant Name			Unit <u>1</u>	H-A	
1			h				4
P.O. Box 165	, New Hill, N. C. 2	27562-0165 Address			WR/JO Repair Oro	97-AIJB1 janization P.O. No.,	Joh No. etc
3. Work Performe	d by Carolina Po		anv .			Symbol Stamp	•
		Name					
P.O. Box 165	New Hill, N.C. 2756	52-0165				ion No	
		Address	- 		Expiration	Date	N/A
4. Identification	n of System: <u>HAIN S</u>	TEAM SYSTEM (30	20)		ASME III, C	CLASS 2	
(b) Applicable		on XI Utilized fo	or Repairs on	dition <u>, WINTER 1976</u> Replacements 19 <u>89</u> Onents			<u>-</u>
			National	بالد		Repaired,	ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes
RELIEF VALVE 1HS-48	CROSBY VALVE & GAGE COMPANY	N57374-00- 0006	834	N/A	1980	REPLACED	OF NO) YES
RELIEF VALVE 1MS-48	CROSBY VALVE & GAGE COMPANY	N57374-00- 0007	835	N/A	1980	REPLACEMENT	YES
STUDS (1")	DUBOSE NATIONAL ENERGY SERVICE	N/A	H/A	P/N 514-117-67 PO # 8P0467 HT CODE NAO	1997	REPLACEMENT	но
NUTS (1")	NOVA MACHINE PRODUCTS CORP.	H/A	, N/A	P/N 727-414-81 PO # 6H5809 HT # 32793	1991	REPLACEMENT	NO
STUDS (1-3/8")	DUBOSE NATIONAL ENERGY SERVICE	N/A	N/A	P/N 761-720-30 PO # 9C0386 . HT CODE ABK	1998	REPLACEMENT	Ю
	ed: Hydrostatic 🛭	•	Nominal Oper	NITH REFURBISHED REL rating Pressure Femp. 539 of	IEF VALVE.		

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9.	Remarks:							
	Applicable Manufacturer's Date 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							
	ASHE Code, Section XI.							
	Type Code Symbol Stamp N/A							
	Certificate of Authorization No. N/A Expiration Date N/A Signed M A Parinspection & Test Supervisor Date 2-2 , 19 99							
	Owner or Owner's Designee, Title							
	CERTIFICATE OF INSERVICE INSPECTION							
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the							
	State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described							
	in this Owner's Report during the period 10-25-98 to 11-26-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this							
	Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the							
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with							
	this inspection.							
	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements							
	Inspectos's Signature National Board, State, Province, and Endorsements Date 3 - 3 19 99							
	Date 4 - 3 19 / 7							

(12/82)

١.

1. Owner <u>Carol</u>	ina Ронег & Light C Nam	ompany le *		· · · ·	Date <u>01</u> -	22-99		
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address			Sheet <u>1</u>	of2		
2. Plant Shear	on Harris Nuclear P	ower Plant Name	···		Unit <u>1</u>			
P.O. Box 165	5. New Hill, N. C.				WR/JO 9	7-AIZF1	Joh No. etc	
3. Work Perform	ed by <u>Carolina Po</u>				Repair Organization P.O. No., Job No., etc Type Code Symbol Stamp N/A			
2.0.2	W W. 11				Authorizat	ion No	N/A	
P.U. BOX 165	New Hill, N.C. 275	Address			Expiration	Date	N/A	
4. Identification	on of System: 3050-	FEEDWATER SYSTE	4 VALVE 1FW-1	58 A	SME III. C	LASS 2		
(b) Applicabl		on XI Utilized fo	or Repairs or	Replacements 19 89				
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
PIVOT PIN	BW/IP INTERNATIONAL, INC.	N/A	H/A	P/N 724-915-66 PO # 9C4075 HT.# 207s261	1998	REPLACEMENT	МО	
						·		
		у		1				
	of Work <u>: REPLACED Pl</u>		•	ELD BETWEEN PIVOT PIN	AND CANOP	Y SEAL. VALVE 1FW-1	58.	
. Icata conduct	•	essure 975	•	emp. <u>363</u> of		•		
information in i	tal sheets in form items 1 through 6 d led at the top of th	on this report i	hes, or draw s included o	rings may be used, pr n each sheet, and (3)	ovided (1 each she) size is 8½ in. : et is numbered and	x 11 in., (2) the number of	

?/82)

. Re	marks:
	Applicable Manufacturer's Date Reports to be attached
_	
_	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
ASI	repair or replacement 4E Code, Section XI.
Tyj	pe Code Symbol Stamp N/A
	rtificate of Authorization No. N/A Expiration Date N/A
	aned Muli a Far Inspection & Test Supervisor Date 2-2, 1999
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
I,	the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
	ate or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of State Street, Hartford Connecticut 06102 have inspected the components described
in	this Owner's Report during the period 11-01-98 to 11-26-98 , and state that
Oxi	the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this per's Report in accordance with the requirements of the ASME Code, Section XI.
0.4	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the saminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
sha	all be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with is inspection,
	Commissions NC 1042
	Inspector's Signature Hational Board, State, Province, and Endorsements
Da	te 19

	ina Power & Light			- · · · · · · · · · · · · · · · · · · ·	Date	01-05-99	_
P.O. Box 15	51, Raleigh, N. C.	eme . 27602-1551 Address			Sheet 1	of2	-
Plant <u>Shear</u>	on Harris Nuclear	Power Plant Name		•	Unit <u>1</u>	***************************************	
P.O. Box 16	5, New Hill, N. C.					. No., Job No., etc.	
Work Perform	ed by <u>Carolina F</u>	Power & light Comp		• –		N/A	
	P.O. Box 1	Name 165 New Hill, N.C.			 	N/A	
Identificati	on of System: 305	Address iO-Feedwater Syste	em	Expiration Da	•	N/A	, *
				Hition, <u>WINTER 1976</u> Replacements 19 <u>8</u>			
Identifiçat	ion of Components	Repaired or Repla	ced and Repla	cement Components			
	Ī		,	,e34_	T.		
			4				ASME
	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other	Year Built	Repaired, Replaced, or Replacement	(Yes
omponent			Board	Other Identification P.O.8P1362 Ht.# 98141	Year Built 1997		Code Stamped
enopy Seal	Manufacturer BW/IP	Serial No.	Board No.	Identification P.0.8P1362	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent anopy Seal ody Studs	Manufacturer BW/IP Internat. Borg Warner	Serial No.	Board No. N/A	Identification P.O.8P1362 Ht.# 98141 PO435193,2GG884	Built 1997	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
ame of omponent anopy Seal ody Studs	Manufacturer BW/IP Internat. Borg Warner Corporation Borg Warner	Serial No. N/A N/A	Board No. N/A	Identification P.O.8P1362 Ht.# 98141 PO435193,2GG8B4 Ht.# 630 PO435193,2GG8B2	Built 1997 1980	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
omponent anopy Seal ody Studs	Manufacturer BW/IP Internat. Borg Warner Corporation Borg Warner	Serial No. N/A N/A	Board No. N/A	Identification P.O.8P1362 Ht.# 98141 PO435193,2GG8B4 Ht.# 630 PO435193,2GG8B2	Built 1997 1980	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No
emponent enopy Seal ody Studs	Manufacturer BW/IP Internat. Borg Warner Corporation Borg Warner Corporation	Serial No. N/A N/A	Board No. N/A N/A	Identification P.O.8P1362 Ht.# 98141 PO435193,2GG8B4 Ht.# 630 PO435193,2GG8B2	1980 1980	Replaced, or Replacement Replacement	Code Stamped (Yes or No) No

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is $8\frac{1}{2}$ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
Ref. Code Case N416-1	
. CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the Code, Section XI. Repair or Replacement	ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed 7/hull a Far Inspection & Test Supervisor Date //08 , 19 99 Owner or Owner's Designee, Title	
Pro	
CERTIFICATE OF INSERVICE INSPECTION	
1, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors at State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-29-98 to 12-15-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employed by Inspection, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements	this the

1. Owner <u>Caro</u>	lina Power & Lic	nht Company Name	*				Date12/	/18/98		
P.O. Box 1	551, Raleigh, N.	• • • • • • • • • • • • • • • • • • • •					Sheet 1 of	2		
2. Plant <u>Shea</u>	ron Harris Nucle	ar Power Plant Name	ę				Unit <u>1</u>			
P.O. Box 10	65. New Hill, N.	C. 27562-0165 Address		d		97-AJIK6 Organiz	ation P.O. No.,	Job No., etc.		
3. Work Perform	med by <u>Carolin</u>	<u>a Power & light</u>	Company Name		Type Code Symbol StampN/A Authorization NoN/A					
	Р.О. Во	x 165 New Hill, Address		-0165			e			
4. Identificati	ion of System:	3050-Feedwater	System	·		ASI	ME III. CLASS 2			
(b) Applicab	(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO Identification of Components Repaired or Replaced and Replacement Components									
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica		Year Built	Repaired, Replaced, or Replacemen	ASME Code Stamped (Yes or No)		
FW-135.002 16" Piping	Southwest Fab.&Welding	N/A	N/A	Line Numbe		1979	Repair	, No		
		1			,					
,								1.		
7. Descr	ription of Work <u>:</u>	Removed componer	nt_FW-135.00	2 on line 2F	W16-675	N-1 for w	veld build-up du	le to FAC.		
8. Test	s Conducted: Hy Ot	drostatic D	Pneumatic C ure <u>1080</u>		erating Temp.		. ☑ °F			
in., (2) inform	tal sheets in fo ation in items 1 of sheets is rec	through 6 on t	his report .	is included o	y be us on each	sheet, a	ided (1) size i nd (3) each she	s 8% in. x 11 eet is numbered		

Remarks: Applicable records are maintained in the plant vault and turnover package.									
Applicable Manufacturer's Date Reports to be attached									
Piping component FW-135,002 on line 2FW16-67SN-1 at welds 1-FW-135-1-VW-3 and 1-FW-135-1-VW-4 was removed for									
weld build-up repairs due to results of the FAC program.									
Reference Code Case N416-1.									
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. Repair or Replacement									
Type Code Symbol Stamp N/A									
Certificate of Authorization No. N/A Expiration Date N/A									
M. A. G. Pen									
Signed // / Owner's Designee, Title Signed // / Owner's Designee, Title									
F									
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-10-90 to 11-12-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date TAW 6 1997									

1. Owner b Care	olina Power & Lic	Name					Date12/16	/98
P.O. Box 1	1551, Raleigh, N	. C. 27602-1551 Address					Sheet <u>l</u> of _	3
2. Plant <u>Shea</u>	aron Harris Nucle	ear Power Plant Name			Unit 1			
P.O. Box 1	165. New Hill, N.	C. 27562-0165 Address			WR/JO 97-AJLB1 Repair Organization P.O. No., Job No., etc.			
3. Work Perfor	cmed by <u>Carolin</u>	na Power & light	Company Name		Type Code Symbol StampN/A Authorization NoN/A			
,	P.O. Bo	x 165 New Hill, Address	-0165			N/A		
4. Identificat	ion of System:	2080-High Head :	Safety Injec	ction System		ASM	ME III. CLASS 2	·
(b) Applica		ection XI Utili:	zed for Repa	airs or Repla	cements	1989_	ddenda, <u>N/A</u> Cod	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identificat	=	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SI-H-10 Hanger	COLOC Industries	N/A	N/A	P.O.8N6129 P/N 732-862		1997	Replacement	No
•		,				,		
				, ,				
			1	*			rovide access for	ISI Exams.
8. Test	ts Conducted: Hy Ot	ydrostatic 🖸 ther Ø Press	Pneumatic C ure <u>N/A</u>	Nominal Ope	erating Temp.	Pressure N/A	o _F	•
in., (2) inform	ntal sheets in f mation in items i of sheets is red	i tnrough 6 on t	his report	is included o	y be us on each	ed, provi sheet, a	ided (1) size is nd (3) each sheet	8½ in. x 11 is numbered

temarks: Applicable records are maintained in the plant vault and turnover package.						
Applicable Manufacturer's Date Reports to be attached						
CERTIFICATE OF COMPLIANCE						
We certify that the statements made in the report are correct and this replacement conforms to the rules of the ASME Code, Section XI.						
Type Code Symbol Stamp N/A						
Certificate of Authorization No. N/A Expiration Date N/A						
Signed Much a Par Inspection & Test Supervisor Date 12/29 , 19 78 Owner or Owner's Designee, Title						
Fig.						
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-3c-98 to 11-12-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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. Commissions NC 1042 National Board, State, Province, and Endorsements Date JAN' 5						

1. Owner <u>Caroli</u>	na Power & Light C				Date	02-01-99		
P.O. Box 155	1, Raleigh, N. C.	-			Sheet <u>1</u>	_ of <u>2</u>		
2. Plant <u>Shearo</u>	n Harris Nuclear P	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<i>I</i> nit <u>1</u>	4		
P.O. Box 165	, New Hill, N. C.	27562-0165 Address			WR/JO 97-AJNB1 Repair Organization P.O. No., Job No., etc			
3. Work Performed	d by <u>Carolina Po</u>		Type Code Symbol Stamp N/A					
P.O. Box 165 1	New Hill, N.C. 2750					ion Ho. <u>N</u>		
		Address				Date N		
4. Identification	n of System: <u>3005</u>	STEAM GENERATOR	иВи	AS	ME III, CL	ASS 2	N.	
5. (a) Applicable	e Construction Code	ASME Sect.III	19 74 Edi	tion, WINTER 1976	, Add	ienda. N/A	Code Case	
				Replacements 19 89				
(2) 1441100000	,	AI AI GEITTEG TO	reputis of	Repetitioners 17		<u> </u>		
6. Identification	on of Components Re	epaired and Repla	cement Compon	ents				
Name of Component	Name of	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)	
HANNAY STUD	MACKSON, INC	11	H/A	P/N 731-556-32 PO # 1H2885	1995	REPLACEMENT	NO	
						. ****		
						•		
	,				•			
		,						
·	Work: REPLACED ST		Nominal Opera	ting Pressure []	,			
information in it	al sheets in form	of lists, sketch	nes, or drawi	mp. N/A of ings may be used, pro each sheet, and (3)	ovided (1) each shee	size is 8½ in. x t is numbered and t	11 in., (2) he number of	

2/82)

. Kemarks: The Stu	Remarks: THE STUD IN POSITION 10 OF THE MBM STEAM GENERATOR HOT LEG WAS REPLACED BECAUSE THE SERIAL NUMBER OF THE EXISTING Applicable Manufacturer's Date Reports to be attached							
STUD WAS NOT LE	GIBLE.	45						
PRESSURE TESTIM	G NOT REQUIRED PER CODE INTERPO	RETATION XI-1-95-52.						
	CE	ERTIFICATE OF COMP	LIANCE	'				
We certify	that the statements made in th	he report are correct and		nforms to the rules of the				
ASME Code, Section	on XI.	•	repair or replacement					
		•	P I					
Type Code Symbol	Stamp W/A			· ·				
Signed Owher		Expiration & Test Supervisor Date		. 19_99				
	CERTIFI	CATE OF INSERVICE	INSPECTION					
State or Province One State Street in this Owner's I to the best of m Owner's Report in By signing this examinations and shall be liable this inspection,	ed, holding a valid commission e of North Carolina and employ Hartford Connecticut 06102 Report during the period 11-0 y knowledge and belief, the Own accordance with the requirements certificate neither the Inspectorective measures described in any manner for any personal pector's Signature 8 19 99	one of the ASME Code, Sector nor his employer main this Owner's Report.	have inspected 11-27-98 ations and taken corrective section XI. kes any warranty, expressed of Furthermore, neither the	e Company of d the components described , and state that measures described in this or implied, concerning the Inspector nor his employer ing from or connected with				
	17	4						

1. Owner <u>Caroli</u>	na Power & Light C				Date	01-05-99		
P.O. Box 155	Nam 1, Raleigh, N. C.	-			Sheet 1	of2		
		Address						
2. Plant <u>Shearo</u>	n Harris Nuclear P	ower Plant Name			Unit <u>1</u>			
P.O. Box 165	, New Hill, N. C.	27562-0165 Address			WR/JO Repair Org	97-AJZW1 panization P.O. No.	, Job No., etc	
3. Work Performed	d by <u>Carolina Po</u>	wer & light Comp			Type Code Symbol Stamp N/A			
D.O. Day 1/5 1	Nov. 11811 N. O. 275				Authorizat	ion No	N/A	
P.U. BOX 165 1	New Hill, N.C. 275	Address			Expiration	Date	N/A	
4. Identification	n of System:	AUXILIARY FEE	EDWATER			CLASS_2	•	
(b) Applicable		on XI Utilized fo	or Repairs or	ition <u>, WINTER 1976</u> Replacements 19 <u>89</u> nents				
Name of Component 2AF-V163SAB-1 BONNET WELD	Name of Manufacturer ITT-GRINNELL	Hanufacturer Serial No. 78/4001/110- 112	National Board No. 91	Other Identification FW-1,VALVE 1AF- 153 BONNET	Year Built 1982	Repaired, Replaced, or Replacement REPAIRED (SEE	ASME Code Stamped (Yes or No) YES	
REPAIR.		''-	<u> </u>	BONNET HT65981-2		REMARKS)	•	
				1		4	,	
7. Description of	. d: Hydrostatic 🗆	ı	Nominal Oper		SEE REMAR	eks	· · · · · · · · · · · · · · · · · · ·	
information in it	al sheets in form tems 1 through 6 o ed at the top of th	on this report is	hes, or draw s included or	ings may be used, pr n each sheet, and (3)	ovided (1) each shee) size is 8½ in. et is numbered and	x 11 in., (2) the number of	

٠.	Remarks: REPAIRED STEAM CUT ON VALVE BONNET BY WELDING. VALVE HAD BEEN LEAK REPAIRED DURING CYCLE 7. Applicable Manufacturer's Date Reports to be attached
	PRESSURE TEST PERFORMED AND LEAKAGE IDENTIFIED UNRELATED TO WELD REPAIR. WR/JO 98-AIFK1 WRITTEN TO LEAK REPAIR
	VALVE. WR/JO 98-AIGU1 WRITTEN TO REPAIR VALVE DURING NEXT REFUELING OUTAGE.
	CERTIFICATE OF COMPLIANCE
	•
	We certify that the statements made in the report are correct and this <u>REPAIR</u> conforms to the rules of the repair or replacement
	ASME Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. N/A Expiration Date N/A
	aA + c
	Signed 71 W (A FC) Inspection & Test Supervisor Date 1/08 , 19 99 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Papert during the period 11-07-98 to 11-11-98
	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 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.
	BODATE Commissions NC 1042
	Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Data JAN 12 19 99

1. Owner <u>Carol</u>	ina Power & Light Na				Date	01-22-99	
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address	<u>.</u>	 	Sheet 1	of2	
. Plant <u>Shear</u>	on Harris Nuclear	Power Plant Name			Unit <u>"1</u>		
P.O. Box 16	5, New Hill, N. C.	27562-0165 Address			WR/JO 9	7-AKSY1 ganization P.O. No.	, Job No., et
. Work Perform	ed by <u>Carolina Pe</u>	ower & light Comp Name				Symbol Stamp	
P.O. Box 165	New Hill, N.C. 27					tion No	
		Address		ALVE_1AF-157 A		n Date	
	le Edition of Section of Components R			Replacements 19 <u>89</u>	, Adder	nda <u>NO</u>	,
Name of	Name of Manufacturer	Manufacturer Serial No.	, National Board No.	Other	- Year Built	Repaired, Replaced, or Replacement	ASHE Code Stamped (Yes
VALVE BODY	HAMMEL DAHL	78/4001/111	91	EBASCO VALVE NO. 2AF-V165SAB-1	1982	REPAIRED	YES
				·			
						•	
				1			
	ted: Hydrostatic C	D Pneumatic 🗆	Nominal Opera	AM CUT AREAS IN BONN	ET SEALING	AREA OF VALVE BODY	. TAG #1AF-15
OTE: Supplemen	Other 🗆 Pr	ressure <u>880</u> n of lists, sketc on this report is	_psi Test To thes, or draw	ings may be used, priceach sheet, and (3)	ovided (1 each she) size is 8½ in. et is numbered and	x 11 in., (2

۶.	Remarks:
	Applicable Hanufacturer's Date Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPAIR</u> conforms to the rules of the
	ASME Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No., N/A Expiration Date N/A
	Signed When a Far Inspection & Test Supervisor Date 2-2, 1999
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
	State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 11-06-99 to 01-22-99 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
	examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
	this inspection,
	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
	Date 7- 3- 99 19

i. Owner <u>Caroli</u>	na Power & Light C			,	Date <u>02</u>	-01-99	
_P.O. Box 155	1, Raleigh, N. C.				Sheet 1	of2	
. Plant Shearo	n Harris Nuclear P				Unit 1		
		Name					
P.O. Box 165	. New Hill, N. C.	27562-0165 Address		•	WR/JO 9	8-ABFJ1 enization P.O. No.,	Job No. e
Work Performed	d by <u>Carolina Po</u>	wer & light Compa	eny		-	Symbol StampN	·
		. Name			Authorizat	ion NoN	/A
P.O. Box 165 N	lew Hill, N.C. 275	62-0165 Address	,	<u> </u>	Expiration	DateN	/A
Identification	of System: 3010	- STEAM GENERATOR	BLOHDOHN SYS	STEM A	SHE III. CI	LASS 2	
(b) Applicable		on XI Utilized fo	or Repairs or	tion, WINTER 1976 Replacements 19 89 ments			Code Ca
				Aug	v		ACVE
Name of Component	Name of Nanufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASHE Code Stamped (Yes or No)
PLUG ASSEMBLY	HAMMEL DAHL	N/A	N/A	PLUG HT. 1G5843 PLUG COVER HT. 1G6181	1987	REPLACEMENT	NO
PLUG ASSEKBLY	HAMMEL DAHL	N/A	H/A	MARK NO. -122441	1982	REPLACED	NO
•							,
		,					
,		,		•			
							. ,
Description of	Work: REPLACED PL	UG AND STEM ASSE	MBLY AND CAGE	IN VALVE TAG NUMBER	180-11.		-
Tests Conducte	d: Hydrostatic 🗆 Other 🗀 Pro	Pneumatic 🗆					
(F. Supplements	al chapte in form	of liete ekstel	hae or drawi	ings may be used, pr	souidad (1)	in Old In	44 2
formation in it	ems 1 through 6 of the control of th	xn this report is	included on	each sheet, and (3)	each shee	t is numbered and t	he number

(82)

Applicable Manufacturer's Date Reports to be attached						
	CERTIFICATE OF COMPLIANCE					
We certify th	hat the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of th					
ACME Code Continu	repair or replacement					
ASME Code, Section	Al.					
Time Code Cimbel Ca	tamo N/A					
Type Code Symbol St						
Certificate of Auth	norization No. N/A Expiration Date N/A					
Signed Ward	a Par Inspection & Test Supervisor Date 2-4 ., 19 99					
	r Owner's Designee, Title					
	ORDINATION OF THERMITOR THERMITON					
	CERTIFICATE OF INSERVICE INSPECTION					
I the undersigned						
State or Province o	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the formation of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company					
State or Province o One State Street. H	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102					
State or Province o One State Street, H in this Owner's Rep	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the DF North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described bort during the period 10-25-98 to 10-30-98					
State or Province o One State Street, H in this Owner's Rep to the best of my k Owner's Report in a	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described port during the period 10-25-98 to 10-30-98 nod state the knowledge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code. Section XI.					
State or Province o One State Street, H in this Owner's Rep to the best of my k Owner's Report in a By signing this c	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described to the period 10-25-98 to 10-30-98 have inspected the components described to the converge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code, Section XI.					
State or Province o One State Street, H in this Owner's Rep to the best of my k Owner's Report in a By signing this c examinations and co	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described port during the period 10-25-98 to 10-30-98 nowledge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code, Section XI.					
State or Province of One State Street, He in this Owner's Report to the best of my ke Owner's Report in a By signing this cexaminations and coshall be liable in	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described to the period 10-25-98 to 10-30-98 have inspected the components described to the converge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code, Section XI.					
State or Province o One State Street, H in this Owner's Rep to the best of my k Owner's Report in a By signing this c examinations and co	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described port during the period 10-25-98 to 10-30-98 nowledge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code, Section XI.					
State or Province of One State Street, H in this Owner's Rep to the best of my k Owner's Report in a By signing this c examinations and co shall be liable in this inspection,	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components described for during the period 10-25-98 to 10-30-98 , and state the knowledge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASME Code, Section XI. Certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the period in this Owner's Report. Furthermore, neither the Inspector nor his employed any manner for any personal injury or property damage or a loss of any kind arising from or connected with the Commissions NC 1042					
State or Province of One State Street, He in this Owner's Report in a By signing this cexaminations and coshall be liable in this inspection,	, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Hartford Connecticut 06102 have inspected the components describe port during the period 10-25-98 to 10-30-98 , and state that knowledge and belief, the Owner has performed examinations and taken corrective measures described in this accordance with the requirements of the ASNE Code, Section XI. certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the period in this Owner's Report. Furthermore, neither the Inspector nor his employer any manner for any personal injury or property damage or a loss of any kind arising from or connected with					

Owner <u>Carol</u>	ina Power & Light (2-7-1	, e	Date <u>10</u>	-28-99	
P.O. Box 15	51, Raleigh, N. C.				Sheet <u>1</u>	of <u>2</u>	
Dient Chan	en Honois Nostaus t	'Address	,				
Plant <u>snear</u>	<u>on Harris Nuclear F</u>	Name			Unit <u>1</u>	r =	
P.O. Box 16	5, New Hill, N. C.	27562-0165 Address			WR/JO 9	8-ABFK1 anization P.O. No.,	tab tta
Work Perform	ed by <u>Carolina Po</u>		anv			Symbol Stamp	
		Name		e I		ion No	
P.O. Box 165	New Hill, N.C. 275	62-0165 Address				Date	
Identificatio	on of System: 3010	- STEAM GERERATOR	R BLOWDOWN SYS			LASS 2	
(a) Apolicabl	le Construction Cod	A ASME Sact 111	10 7/ ===	tion, <u>WINTER 1976</u>	. د ه	danda 1144	
							Code
(D) Applicabl	e Edition of Section	on XI Utilized fo	or Repairs or	Replacements 19 <u>89</u>	, Addend	da <u>NO</u>	
Identificati	ion of Components R	epaired and Repla	cement Compon	ents			•
	1					<u> </u>	ř
- 1				In .			ASHE
Name of	Yene of		Wational			Repaired,	Code Stampe
Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes √or No
PLUG/STEM ASSEMBLY	HAMMEL DAHL, INC	N/A	N/A	P/N 728-649-78 PO # 418771	1987	REPLACEMENT	Ю
				,			
			•				<u> </u>
ı							
	1						
							
		1					
							<u> </u>
escription o	f Work <u>: REPLACED PL</u>	UG/STEM ASSEMBLY	AND CAGE IN V	ALVE TAG NUMBER 1BD-	50.		
•	•				30.	,	
•	ed: Hydrostatic □		Nominal Opera	ting Pressure 🏻	30.	,	
ests Conducto	ed: Hydrostatic □ Other □ Pre	Pneumatic 🔲 lessure <u>N/A</u>	Nominal Opera psi Test Ten	ting Pressure 🏻		,	

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Remarks: PLUG/STEM ASSEMBLY CONSISTED OF PLUG COVER PLATE, HT. # 1G3875; PLUG BOOY, HT. # 91506; PLUG STEM, HT. # A18023; AND Applicable Manufacturer's Date Reports to be attached
PLUG INSERT, HT. # 181041087.
PER CODE INTERPRETATIION XI-1-95-48, PRESSURE TESTING IS NOT REQUIRED FOR THIS REPLACEMENT.
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>RELPLACEMENT</u> conforms to the rules of the repair or replacement ASME Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Mark & First Supervisor Date 2-2, 19 99 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 North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-25-98 to 10-29-98 and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date 2 19 99

1. Owner <u>Caroli</u>	na Power & Light C		<u>, , , , , , , , , , , , , , , , , , , </u>		ate <u>01</u> -	·28-99°	
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address		s	heet <u>1</u>	of <u>2</u>	
2. Plant <u>Shearo</u>	n Harris Nuclear Po				nit <u>1</u>		
P.O. Box 165	, New Hill, N. C. 2	27562-0165 Address		R	WR/JO 98 epair Orga	B-ABJJ1 Inization P.O. No.,	Job No., etc.
3. Work Performe	d by <u>Carolina Po</u>	√er & light Compa Name	ny			Symbol Stamp <u>N</u>	
P.O. Box 165	New Hill, N.C. 2750	52-0165 Address	•			on No. <u>N</u>	
4. Identification	n of System: <u>2060 (</u>	CHEMICAL AND VOLU	ME CONTROL S	YSTEM AS	ME_III, CL	ASS 2	
(b) Applicable		on XI Utilized fo	r Repairs or	ition <u>, WINTER 1976</u> Replacements 19 <u>89</u> nents			
Name of	Name of	Hanufacturer	National Board	ید. ' Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes
TRIM ASSEMBLY	Manufacturer COPES-VULCAN, INC.	Serial No. 9821-96639- 1-1	No. 98-1	Identification P/N 961-718-59 PO # 9C0304	8uilt 1998	or Replacement REPLACEMENT	YES
TRIM ASSEMBLY	COPES-VULCAN, INC.	2606	H/A	VALVE 2CS-V501SN-	1975	REPLACED	NO
		!	•	11	1		
,			·				
		•				*	
7. Description of	Work:_REPLACED_TR	IM_ASSEMBLY_IN_CO	DPES-VULCAN V	VALVE TAG NUMBER 1CS-48	37.		
8. Tests Conducte	ed: Hydrostatic 🗆 Other 🗈 Pre	Pneumatic []				,	

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9.	Remarks: TRIM ASSEMBLY CONSISTS OF PLUG S/N 98-1; STEM S/N 98-3; AND CAGE S/N 98-2.							
	Applicable Manufacturer's Date Reports to be attached							
	PER CODE INTERPRETATION XI-1-95-48, NO PRESSURE TESTING IS REQUIRED FOR REPLACEMENT OF INTERNAL PRESSURE BOUNDARY PARTS.							
	VALVE SERIAL NUMBER 7310-95282-201-1, NATIONAL BOARD NUMBER 277.							
	CONDITION OF COMPLETANCE							
	CERTIFICATE OF COMPLIANCE							
	We certify that the statements made in the report are correct and thisREPLACEMENTconforms to the rules of the							
	repair or replacement							
	ASHE Code, Section XI.							
	Type Code Symbol Stamp N/A							
	Certificate of Authorization No. N/A Expiration Date N/A							
	Signed 7/ Lule G Pay Inspection & Test Supervisor Date 2-2, 19 99							
	Owner or Owner's Designee, Title							
	CERTIFICATE OF INSERVICE INSPECTION							
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the							
	State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of							
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-01-98 to 11-25-98 , and state that							
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this							
	Owner's Report in accordance with the requirements of the ASME Code, Section XI.							
	By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer							
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with							
	this inspection,							
	Inspector's Signature National Board, State, Province, and Endorsements							
	Date 2-4 19 99							

1. Owner <u>Carol</u>	ina Power & Light C				Date(01-25-99	
P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address			Sheet 1	of <u>2</u>	····
2. Plant <u>Shear</u>	on Harris Nuclear P	•			Unit 1		
P.O. Box 16	5, New Hill, N. C.	27562-0165			WR/JO 98	B-ABRF1	
		Address				anization P.O. No.,	•
3. Work Perform	ed by <u>Carolina Po</u>	wer & light Comp Name			-	Symbol Stamp	
P.O. Box 165	New Hill, N.C. 275	62-0165			Authorizat	ion No.	H/A
		Address			Expiration	Date	H/A
4. Identificati	on of System: <u>3020-</u>	MAIN STEAM VA	LVE 1HS-51		ASME III, C	LASS 2	
(b) Applicab		on XI Utilized fo	or Repairs or	dition <u>, WINTER 1976</u> Replacements 19 <u>8</u> Onents	· · · ·		
Name of Component '	Name of Manufacturer CROSBY VALVE &GAGE COMPANY	Manufacturer Serial No. N91167-33- 0052	National Board No.	Other Identification N/A	Year Built 1980	Repaired, Replaced, or Replacement REPLACED	ASME Code Stamped (Yes or No) NO
8. Tests Conduct	ted: Hydrostatic 🛭 Other 🚨 Pr	Pneumatic [] essure <u>952</u>	Nominal Oper _psi Test 1	emp. <u>539</u> °F			
information in	tal sheets in form items 1 through 6 (ded at the top of t	on this report i	ches, or draw s included o	rings may be used, per cach sheet, and (3	provided (1 3) each she) size is 8½ in. ; et is numbered and	x 11 in., (2) the number of

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	VALVE SERIAL NUMBER N57374-00-0009, NATIONAL BOARD NUMBER 837, BUILT IN 1980. Applicable Manufacturer's Date Reports to be attached
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	CERTIFICATE OF COMPLIANCE
	certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement e, Section XI.
	e Symbol Stamp <u>N/A</u> ate of Authorization No.4 N/A Expiration Date N/A
Signed	Mul a Par Inspection & Test Supervisor Date 2-2, 19 99 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
State or One State in this O to the be Owner's R By sign examinati	ndersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of e Street, Hartford Connecticut 06102 have inspected the components described Owner's Report during the period 10-25-98 to 12-03-98, and state that east of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Report in accordance with the requirements of the ASHE Code, Section XI. Ining this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the ions and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with pection,
16.	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
_	- 5 10 SS

1. Owner <u>Caro</u>	lina Power & Lic		·			1	Date	12/15/	98
, , , , , , , , , , , , , , , , , , ,	664 m-1 1 1	Name						-	•
P.O. Box 1	<u>551. Raleigh, N.</u>	. <u>C. 27602-1551</u> Address					Sheet <u>1</u>	_ of	2
2. Plant <u>Shea</u>	ron Harris Nucle	ear Power Plant					Jnit <u>1</u>		
		Name							
P.O. Box 1	65. New Hill, N.	C. 27562-0165 Address				98-ACMC1			
									No., etc.
. work Perior	med by <u>Carolin</u>	a Power & light	Company Name		Type C	ode Symbo	ol Stamp	<u> </u>	
	P.O. Bo	x_165 New Hill,	N.C. 27562	-0165	Author	ization N	io	N/A	
	•	Address			Expira	tion Date	·	N/A	
. Identificat:	ion of System:	2060-Chemical a	nd Volume Co	ntrol System		ASM	E III. CLAS	SS_2	
								•	
. (a) Applicat	ole Construction	Code <u>ASME Sec</u>	t.III 19_	74 Edition,_	WINTE	R 1976 A	ddenda, <u>N</u>	<u>'A</u> Code	Case
(b) Applicat	ole Edition of S	ection XI Utili:	zed for Repa	irs or Replac	ements	1989_	, Addenda	NO	
. Identificat	cion of Component	ts Repaired or I	Replaced and	Replacement	Compon	ents			
								,	
									ASME Code
Name of	Name of	Manufacturer	National Board	Other		Year	Repaired, Replaced,		Stamped
Component	Manufacturer	Serial No.	No.	Identificat	ion	Built	or Replaced,		(Yes or No)
1CS-261	Kerotest Mfg. Corp.	DAP6-11	31821	N/A		1984	Replaced		Yes
1CS-261 "	Kerotest Mfg. Corp.	Disc.Assy. S/N AJU5-5	37031	P/N 724-135	-60	1984	Replacemen	nt	Yes
							,		
					_		*		
				ļ					
		,							
2 0									
/. Desci	ription of Work <u>:</u>	Replaced exist	ing disc wit	h new disc as	sembly	<u>. Ref. WR</u>	/JO 96-AACI	2. (See	comments)
8. Test	s Conducted: Hy	drostatic 🔲 🖠	Pneumatic C	l Nominal Ope	rating	Pressure	a		
			ure <u>N/A</u>	psi Test		N/A		*	
n., (2) inform	ital sheets in fo	through 6 on t	his report	is included or	be us	ed, provi sheet, ar	ded (1) sind (3) each	ze is 8 sheet i	½ in. x 11 is numbered
	of sheets is rec	orded at the to	p of this fo	orm.	•				•
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ii.

1. Owner <u>Carol</u>	ina Power & Light				Date0	1-25-99	
P.O. Box 15	Na 51, Raleigh, N. C.	es			Sheet 1	<u> </u>	
2. Plant <u>Shear</u>	on Harris Nuclear				Unit <u>1</u>	· <u>·</u>	
P.O. Box 16	5, New Hill, N. C.				WR/JO Repair Ord	98-ACNW1 panization P.O. No.,	Job No. etc
3. Work Perform	ed by <u>Carolina Po</u>					Symbol Stamp	-
P.O. Rox 165	New Hill, N.C. 27		•		Authorizat	ion No	N/A
	NCH 111(1, 4.0. 21.	Address			Expiration	Date	N/A
4. Identificati	on of System: 2060	CHEMICAL AND VO	LUME CONTROL	SYSTEM A	SME III, C	CLASS 2	
(b) Applicab		on XI Utilized f	or Repairs or	dition <u>, WINTER 1976</u> Replacements 19 <u>89</u> Pnents			Code Case
			1	ĺ.	T	1	T
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASHE Code Stamped (Yes or No)
DIAPHRAGM	ITT GRINNELL CORP.	N/A	N/A	P/N 514-124-84 PO # 908374	1998	REPLACEMENT	NO
		,					
		r .		,	11		
£			ė				
	ed: Hydrostatic D		Nominal Oper		VALVE TAG	NO. 1CS-155	
information in :	tal sheets in form	of lists, sketo on this report i	:hes, or draw	rings may be used, pr n each sheet, and (3)	ovided (1 each she) size is 8½ in. : et is numbered and	c 11 in., (2) the number of

(82)

Remarks: VALVE TAG NUMBER 1CS-155, SERIAL NUMBER 73-6225-11-2, NATIONAL BOARD NUMBER WR 1963.
Applicable Manufacturer's Date Reports to be attached
PRESSURE TESTING NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR REPLACEMENT OF INTERNAL PRESSURE BOUNDARY PARTS.
THE STATE OF THE S
b .
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this REPLACEMENT conforms to the rules of the
ASHE Code, Section XI.
ASHE GOOGY SECTION AT:
Type Code Symbol Stamp N/A
,
Certificate of Authorization No. N/A · Expiration Date N/A
Signed 7 am a ration & Test Supervisor Date 2-7, 19 99
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of North Carolina and employed by <u>Hartford Steam Boiler Inspection and Insurance Company</u> of One State Street, Hartford Connecticut 06102 have inspected the components described
in this Owner's Report during the period 11-03-98 to 11-29-98 nave inspected the components described
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 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,
S Commissions NC 1042
Inspect r's Signature National Board, State, Province, and Endorsements
$\mathbf{noto} = \mathcal{D} = \mathbf{x} + \mathbf{y} = \mathbf{y} + \mathbf{y} = \mathbf{y} + \mathbf{y} = \mathbf{y} = \mathbf{y} + \mathbf{y} = \mathbf{y}$
17

1. Owner <u>Carol</u>	ina Power & Light				Date0	1 <u>-18-99</u>	
	Na <u>51, Raleigh, N. C.</u>	<u>27602-1551</u>			Sheet 1	of <u>2</u>	
2. Plant <u>Shear</u>	on Harris Nuclear (Address Power Plant Name			Unit <u>1</u>		
P.O. Box 16	5, New Hill, N. C.				WR/JO 98	3-ACNW3 ganization P.O. No.,	Joh No. etc
3. Work Perform	ed by <u>Carolina Po</u>		_		Type Code	Symbol Stamp	N/A
P.O. Box 165	New Hill, N.C. 275	562-0165 Address	·			n Date	
4. Identification	on of System: <u>CHEMI</u>	ICAL AND VOLUME C	ONTROL SYSTEM	1 (2060)	ASME 111, C	CLASS_2	
(b) Applicab		ion XI Utilized f	or Repairs or	dition, <u>WINTER 1976</u> Replacements 19 <u>89</u> Onents			Code Cas
Name of	Name of Hanufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
COLOC NUT'	COLOC INDUSTRIES	N/A	N/A	P/N 732-863-38 PO # 8K8849	1996	REPLACEMENT	Ν̈́O
-							
		1					
						,	
				1			
7. Description o	of Work <u>: REPLACED C</u>	OLOC NUT ON HANGE	R 1CS-H-1394	REMOVED FOR REPAIR O	F VALVE 1C	s-155	
8. Tests Conduct	ted: Hydrostatic E Other □ Pr	. Pneumatic [] Pessure N/A		ating Pressure emp. <u>N/A</u> of			٠,
NOTE: Supplement	tal sheets in form	of lists, sketo	hes, or draw	wings may be used, p	rovided (1) size is 8½ in. >	c 11 in <i>(2</i>)

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

2/82

٠.	Remarks:
	Applicable Manufacturer's Date 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 repair or replacement ASHE Code, Section XI.
-	Type Code Symbol Stamp N/A Certificate of Authorization No. N/A Expiration Date N/A
	Signed Num C Conspection & Test Supervisor Date 1-20, 19 99 Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION 1, 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 One State Street, Hartford Connecticut 06102 have inspected the components described
	in this Owner's Report during the period 11-03-98 to 12-01-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
	Date 1- 26 19 99

1. Owner <u>Caroli</u>	ina Power & Light (Company	п		Date0	1-25-99	r
i	Nacian, N. C.	27602-1551 Address			,	of2	
		Name	•	 			
P.O. Box 165	, New Hill, N. C.	27562-0165 Address		· · · · · · · · · · · · · · · · · · ·	WR/JO Repair Ore	98-ACNX1 ganization P.O. No.,	Job No., et
. Work Performe	d by <u>Carolina Po</u>	ower & light Comp	any	, 		Symbol Stamp	•
•	4	Name			•	tion No.	
P.O. Box 165	New Hill, N.C. 275	62-0165 Address			e e	n Date	
. Identificatio	n of System: 2060-	ī	LUME CONTROL	SYSTEM A		CLASS 2	
	e Edition of Secti on of Components R		ď	Replacements 19 <u>89</u> ments	, Adder	nda <u>NO</u>	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
DIAPHRAGM	ITT GRINNELL CORP.	N/A .	ŅΛĀ	P/N 514-124-84 PO # 908374	1998	REPLACEMENT	NO .
•	,						
						e .	
			<u> </u>				
. Description o	f Work: REPLACED D	IAPHRAGM IN VALVE	DUE TO END	OF LIFE OF DIAPHRAGM.	VALVE TAG	NO. 1CS-156	
	ed: Hydrostatic C		Nominal Oper				,

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

2/82)

).	Remarks: VALVE TAG NUMBER 1CS-156, SERIAL NUMBER 73-6225-11-1, NATIONAL BOARD NUMBER WR 1944.
	Applicable Manufacturer's Date Reports to be attached
	PRESSURE TESTING NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR REPLACEMENT OF INTERNAL PRESSURE BOUNDARY PARTS.
	, and the second second second second second second second second second second second second second second se
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this REPLACEMENTconforms to the rules of the
	repair or replacement
31	ASME Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. L. N/A Expiration Date N/A
-	Signed Much a g Inspection & Test Supervisor Date Z-Z, 19 99
	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-03-98 to 11-29-98 , and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
	shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
	this inspection,
	Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
	Inspector's Signature National Board, State, Province, and Endorsements Date 2-5 19 79
	Date 5/ 17 //

1. Owner <u>Carol</u>	ina Power & Light Na				Date <u>0</u>	1-18-99	
P.O. Box 15	51, Raleigh, N. C.	ű			Sheet 1	of2	
2. Plant <u>Shear</u>	on Harris Nuclear (Unit <u>1</u>		
P.O. Box 16	5. New Hill, N. C.	27562-0165 Address	•		WR/JO 98	B-ACNX3 ganization P.O. No.,	Job No., etc
3. Work Perform	ed by <u>Carolina Po</u>	ower & light Comp Name		 ,	•	Symbol Stamp	
	New Hill, N.C. 275	Address		•	Expiration	n Date	N/A
5. (a) Applicabl	le Construction Coc	de <u>ASME Sect.III</u>	19 <u>_74</u> _Ec or Repairs or	dition, WINTER 1976 Replacements 19 89 Onents	Ac	Idenda, N/A	Code Case
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced,	ASME Code Stamped (Yes
COLOC NUT · (3/8")	COLOC	, N/A	N/A	P/N 732-863-38 PO # 8K8849	1996	OF REPLACEMENT	OF NO
	10						
	·						
		-					
7. Description o	of Work: REPLACED C	OLOC NUT ON HANGE	R 1CS-H-1395	REMOVED FOR REPAIR O	F VALVE 1C	S-156 *	
3. Tests Conduct	ed: Hydrostatic C Other D Pr] Pneumatic □ 1 essure <u>N/A</u>		eting Pressure 🖸			
NOTE: Supplement	tal sheets in form	of lists state	hae or drai	dings may be used to	envidad 41) oire is 91/ in .	. 11 :

NUTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



	FORM NIS-2 (Back)
,	Remarks:
•	Applicable Hanufacturer's Date Reports to be attached
	· · · · · · · · · · · · · · · · · · ·
	. CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
	repair or replacement
	ASME Code, Section XI.
	Type Code Symbol Stamp N/A
	Certificate of Authorization No. F-N/A Expiration Date N/A
	Signed White Gy. Inspection & Test Supervisor Date 1-20, 19 99 Owner or Owner's designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-03-98 to 12-01-98 and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
	Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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,
	Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements

1. Owner <u>Caroli</u>	ina Power & Light Na	Company me M		·	Date	12/17/98	
P.O. Box 155	51, Raleigh, N. C.	27602-1551 Address		, , , , , , , , , , , , , , , , , , ,	Sheet 1	of2	•
. Plant <u>Shear</u> c	on Harris Nuclear			,	Unit <u>1</u>	, t	
. Work Performe . Identificatio . (a) Applicabl	on of System: 2060	Address ower & light Comp Name 65 New Hill, N.C. Address -Chemical and Vol de _ASME Sect.III	27562-0165 ume Control S	Repair Organi Type Code Sym Authorization	zation P.O bol Stamp No. te SME III, C	N/A Code Case	
Identificati	on of Components F	Repaired or Repla	ced and Repla	cement Components			
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve 1CS-318	Colonial Rubber Co.	N/A	N/A	Diaphragm EPDM P.O. 8N5082	1997	Replacement	No
				·			
		,	,				
7. Descr	iption of Work <u>: Re</u>	eplaced diaphragm	on valve 109	-318. End of life. P	/N 722-838-	72.	
8. Tests	Conducted: Hydro			inal Operating Pressu Test TempN/A	ire 🗆 of		
TE: Supplement	al sheets in form	of lists, sketo	hes, or draw	vings may be used, p	 rovided (1) size is 8½ in. x	11 in.,

P. Remarks: <u>Applicable records are maintained in the plant vault and turnover package.</u> Applicable Manufacturer's Date Reports to be attached	
NO PRESSURE TESTING REQUIRED PER CODE INTERPRETATION XI-1-95-48	
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the A Code, Section XI. Repair or Replacement .	ISME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Mul a Figure Inspection & Test Supervisor Date 1/04, 1997 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 State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-09-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the	
Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning texaminations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employ shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected withis inspection.	er
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements	
Date JAW 6 19 99	Į.

na Power & Light C Nam	VO			Date	12-15-98	
	27602 - 1551			Sheet <u>1</u>	of2	·
n Harris Nuclear P	ower Plant		·	Unit <u>1</u>		
New Hill, N. C.	27562-0165			WR/JO	98-ACPA1	
l by <u>Carolina Po</u>						
Jew Hill, N.C. 275		•		Authorizat	ion No	N/A
	Address	· · · · · · · · · · · · · · · · · · ·		Expiration	Date	N/A
of System:	CHEMICAL AND	VOLUME CONTR				•
Edition of Secti	on XI Utilized fo	or Repairs or	Replacements 19 <u>* 89</u>		-	
Name of , Manufacturer ACUSHNET	Manufacturer Serial No.	National Board No.	Other Identification	Year Built N/A	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
COLONIAL	N/A	N/A	CP&L PART # 722-838-72 P0# 8M3189	N/A	REPLACEMENT	NO
						_
•		`				
Work: VALVE 2CS			RELACEMENT (TAG 1CS-	321)	,	
	Harris Nuclear Portion Rev Hill, N. C. Solve Hill, N. C. Solve Hill, N.C. 275 Sof System: Construction Code Edition of Section of Components Revenue of Manufacturer ACUSHNET COLONIAL	Address Harris Nuclear Power Plant Name New Hill, N. C. 27562-0165 Address By Carolina Power & Light Components Rew Hill, N.C. 27562-0165 Address Of System: CHEMICAL AND CONSTRUCTION Code ASME Sect.III Edition of Section XI Utilized for a components Repaired and Replantation of Components Repaired and Replantation Name of Hanufacturer Serial No. ACUSHNET N/A COLONIAL N/A	Address A Harris Nuclear Power Plant Name New Hill, N. C. 27562-0165 Address A by Carolina Power & Light Company Name Name Lew Hill, N.C. 27562-0165 Address Address Of System: CHEMICAL AND VOLUME CONTR Construction Code ASME Sect.III 19 74 Ed Edition of Section XI Utilized for Repairs or n of Components Repaired and Replacement Components Name of Manufacturer Serial No. ACUSHNET N/A N/A COLONIAL N/A N/A	Address Addres	Address D. Harris Nuclear Power Plant Name New Hill, N. C. 27562-0165 Address It by Carolina Power & Light Company Name Name Authorizat Authorizat Authorizat CHEMICAL AND VOLUME CONTROL CONSTRUCTION Code ASME Sect.III 19 74 Edition, WINTER 1976 Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Address Repair Org Authorizat Expiration ASME III, CL Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Address Redition of Section XI Utilized for Repairs or Replacements 19 89 Adden No Components Repaired and Replacement Components Name of Manufacturer Serial No. No. Identification Built ACUSHNET N/A N/A N/A N/A N/A N/A COLONIAL N/A N/A CP&L PART # N/A COLONIAL N/A N/A CP&L PART # N/A COLONIAL N/A N/A N/A CP&L PART # N/A COLONIAL N/A N/A N/A CP&L PART # N/A	Address Address New Hill, N. C. 27562-0165 Address Name New Hill, N. C. 27562-0165 Address Repair Organization P.O. No., Name Name Authorization No. Lew Hill, N.C. 27562-0165 Address Repair Organization P.O. No., Name Authorization No. Expiration Date Authorization Date Expiration Date CONSTRUCTION Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO No of Components Repaired and Replacement Components Name of Manufacturer Serial No. NAME INTERESTINATION NAME REPLACED NAME OF REPLACEMENT Repaired, Replaced, or Replacement ACUSINET N/A N/A N/A N/A REPLACEMENT REPLACEMENT REPLACEMENT REPLACEMENT REPLACEMENT REPLACEMENT REPLACEMENT REPLACEMENT

2/82)

. Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR THE REPLACEMENT OF PRESSURE BOUNDARY PARTS.
Applicable Manufacturer's Date Reports to be attached
REPLACEMENT REQUIRED DUE TO END OF SHELF LIFE OF DIAPHRAGM.
•
CODMITTICAME OF CONDITANCE
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
repair or replacement
ASME Code, Section XI.
Type Code Symbol Stamp N/A
· · · · · · · · · · · · · · · · · · ·
Certificate of Authorization No. N/A Expiration Date N/A
Signed Much a Par Inspection & Test Supervisor Date 1/06, 19 99 Owner or Owner's Designee, Title
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
State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-12-98 , and state that
in this Owner's Report during the period 10-31-98 to 11-12-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection,
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
Date Jigu 7 19 99

1. Owner <u>Caroli</u>	na Power & Light C	Company " *			Date	12-15-98	
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	·
2. Plant <u>Shearo</u>	on Harris Nuclear P	ower Plant			Unit <u>1</u>		
P.O. Box 165	, New Hill, N. C.	Name 27562-0165			WR/JO		
		Address		,	Repair Or	ganization P.O. No.,	Job No., et
. Work Performe	d by <u>Carolina Po</u>	wer & light Comp Name	any	d'	Type Code	Symbol Stamp	N/A
D O Boy 145	, . No. 1211 N.C. 275	42-014E			Authoriza	tion No	N/A
P.U. BOX 165	New Hill, N.C. 275	Address		· · · · · · · · · · · · · · · · · · ·	Expiration	n Date	N/A
. Identificatio	n of System:	CHEMICAL AND	VOLUME CONTR	ROL /			
	e Edition of Section on of Components R		-	Replacements 19 <u>8</u> ponents	<u>39</u> , Adder	nda <u>NO</u>	
			National	,		Repaired,	ASME Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
VALVE DIAPHRAGH FOR 2CS-D12OSN-1	ROGERS CORP.	N/A	H/A	N/A	N/A	REPLACED	NO
VALVE DIAPHRAGM FOR 2CS-D12OSH-1	WEBSTER PIPING	H/A	N/A	CP&L PART # 514-124-84 PO# 9C4691-01	N/A	REPLACEMENT	NO
		ı					
. Description of	f Work: VALVE 2CS	D120SN-1 (1CS-14	O) DIAPHRAGM	RELACEMENT	7-1-7-1-2-1		
. Tests Conducto		essure		rating Pressure Tempof			
nformation in i	al sheets in form tems 1 through 6 c ed at the top of th	on this report i	ches, or drai s included o	wings may be used, n each sheet, and (3	provided (1 3) each she) size is 8½ in. et is numbered and	x,11 in., (the number

Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR THE REPLACEMENT OF PRESSURE BOUNDARY PARTS. Applicable Manufacturer's Date Reports to be attached
REPLACEMENT DUE TO END OF SHELF LIFE OF DIAPHRAGM
·
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
ASHE Code, Section XI.
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Man a Tylinspection & Test Supervisor Date 1/06, 19 99
CODETITIONED OF THEODY OF THEODY
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
One State Street, Hartford Connecticut 06102 have inspected the components described
in this Owner's Report during the period 10-31-98 to 11-09-98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection,
Inspector's Signature Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date Inw 7 19 99

, Owner <u>caro</u>	lina Power & Light Na	Company ome		1 -	Date	12/17/98	•
P.O. Box 1	551, Raleigh, N. C.			I .	Sheet 1	of2	
Plant <u>Shear</u>	ron Harris Nuclear	Address Power Plant			Unit <u>1</u>		•
		Name					
P.O. Box 16	65, New Hill, N. C.	27562-0165 Address		WR/JO 98-ACPD Repair Organi		. No., Job No., etc.	
Work Perform	med by <u>Carolina P</u>			Type Code Symi	ool Stamp	N/A	4 ′
	, o o	Name		Authorization	No	N/A	
à	P.U. BOX I	65 New Hill, N.C. Address	2/302-0103		te	N/A	
Identificati	ion of System: 206	0-Chemical and Vo	lume Control	System A	SHE III, CI	.ASS_2	
(a) Applicat	ole Construction Co	de ASME Sect.III	19 74 Ed	ition, WINTER 1976	Addenda.	N/A Code Case	
			•	Replacements 1989			
				<u></u> -	,		
Identificat	ion of Components	Repaired or Replac	ced and Repla	cement Components			ė
- / -			,				ASHE
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No)
/alve ICS-141	Webster Pipe & Supply	N/A	N/A	Diaphragm EPDM P.O. 9C4691 p/n 514-124-84	1998	Replacement	No
		,					
				<u> </u>			
	1				1	'Ì	
			<u> </u>			<u> </u>	
				,			
7. Desc	cription of Work <u>: R</u>	eplaced Diaphragm	on valve 1CS	-141. End of life. P/	'N 514-124-	84.	
		ostatic 🛭 Pneum	natic 🛛 Nom	inal Operating Pressu		84.	

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	_
Applicable Manufacturer's Date Reports to be attached	
No pressure testing required per code interpretation XI-1-95-48	_
· ·	a
	.
	-
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules Code, Section XI. Repair or Replacement	of the ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Man a Carlinspection & Test Supervisor Date 1/c 4, 19 99 Owner or Owner's Designee, Title	
J.c.	
~GERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectate or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-12-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, con examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his hall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or con this inspection. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date TAN 6 19 29	bed in this cerning the

-	Nan	ne)		*			
P.O. Box 1	551, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	
, Plant Shea	ron Harris Nuclear F				Unit 1	,	
		Name	 -				
P.O. Box 16	65, New Hill, N. C.				WR/JO	98-ACPE1	
Harle Danfass	and his considers pro-	Address			•	ganization P.O. No.,	
WOLK PERTOR	med by <u>Carolina Po</u>	Name		····	-	Symbol Stamp	
P.O. Box 165	New Hill, N.C. 275					tion No	
		Address				n Date	
Identificati	ion of System: 2060	CHEMICAL AND VO	LUME CONTROL	ASM	C III, CL	ASS 2	
(a) Applicat	ole Construction Cod	e ASME Sect.III	19 74 Ec	lition, WINTER 1976	Ac	ddenda. N/A	Code (
			`	Replacements 1989			
(b) Applicac	te careful of section	on at otherzed to	or keparrs or	Reptacements 19 89	, Aodei	жо — <u>жо</u>	
Identificat	ion of Components R	epaired and Repla	acement Compo	nents			
	L .	ı	1	~~~	1		ASME
lame of	Name of	Hanufacturer	National Board	Other	Year	Repaired, Replaced,	Code Stamped (Yes
component	Name of Manufacturer WEBSTER PIPING	Manufacturer Serial No.		Other Identification 514-124-84	Year Built 1998		Code Stamped
omponent	Manufacturer	Serial No.	Board No.	Identification	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement	Code Stamped (Yes or No)
omponent	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement	Code Stamped (Yes or No)
component	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement	Code Stamped (Yes or No)
component	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement	Code Stamped (Yes or No)
component	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No)
lame of component PIAPHRAGM	Manufacturer	Serial No.	Board No.	Identification 514-124-84	Built	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No)
Omponent LIAPHRAGM	Manufacturer WEBSTER PIPING	Serial No.	Board No. N/A	Identification 514-124-84	Built 1998	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No)
Description	Manufacturer WEBSTER PIPING of Work: REPLACED DI	Serial No. N/A APHRAGM IN 1CS-1	Board No. N/A	Identification 514-124-84 P.O.# 9C4691 SN-1) DUE TO END OF SI	Built 1998	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No)
Description	Manufacturer WEBSTER PIPING of Work: REPLACED Di ted: Hydrostatic	Serial No. N/A APHRAGM IN 1CS-1	Board No. N/A 42 (2CS-D119)	Identification 514-124-84 P.O.# 9C4691 SN-1) DUE TO END OF SI	Built 1998	Replaced, or Replacement REPLACEMENT	Code Stamped (Yes or No)

	Remarks: PER CODE INTERPRETATION XI-1-95-48, NO PRESSURE TESTING IS REQUIRED
	Applicable Hanufacturer's Date Reports to be attached
	ır .
	,
	,
<u>-</u>	
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement ASHE Code, Section XI.
	Type Code Symbol Stamp N/A
ii.	Certificate of Authorization No. N/A Expiration Date N/A
	Signed Much a Firspection & Test Supervisor Date 12/29, 19 98
	. Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
	One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-04-98 , and state that
	to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
	By signing this certificate neither the Inspector 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 _l 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 NC 1042 National Board, State, Province, and Endorsements
	Date JAN 4 19 99

12/17/98

Date ___

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

1. Owner <u>Carolina Power & Light Company</u> Name

P.O. Box 15	51, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	
2. Plant Shear	on Harris Nuclear I	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Unit 1		
	on half to hacken	Name			<u> </u>	***************************************	
P.O. Box 16	5, New Hill, N. C.			WR/JO 98-ACPF1	<u> </u>		
4		Address		Repair Organia	tation P.O	. No., Job No., etc.	
3. Work Perform	ed by <u>Carolina Po</u>	ower & light Comp Name		Type Code Symb	ol Stamp	N/A	
	5 5 5 5 4		-	Authorization	No	N/A	
	P.U. BOX 18	55 New Hill, N.C. Address	2/302-0103	Expiration Dat	:e	N/A	
4. Identification	on of System: 2060	-Chemical and Vo	lume Control	System AS	ME III, CI	LASS_2	
						•	
5. (a) Applicable	le Construction Coc	le ASME Sect.III	19 <u>74</u> Ed	ition, WINTER 1976	Addenda',	N/A Code Case	
(b) Applicabl	le Edition of Secti	on XI Utilized f	or Repairs or	Replacements 1989	, Adder	nda <u>NO</u>	•
6. Identificati	ion of Components R	epaired or Repla	ced and Repla	cement Components			*
						*	ASME
Ī., ,			National		1	Repaired,	Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year Built	Replaced, or Replacement	(Yes or No)
Valve 1CS-143	Webster Pipe & Supply	N/A	H/A	Diaphragm EPDM P.O. 9C4691 P/N 514-124-84	1998	Replacement	No
	•						
	à.		<u> </u>				
-							
	,						
<u> </u>				<u> </u>	*	1	<u> </u>
7. Descr	ription of Work <u>: Re</u>	placed Diaphragm	on valve 1CS	-143. End of life. P/	N_514-124-	·84 ·	r.
,8. Tests	Conducted: Hydro Other	static 🖸 Pneu Ø Pressure	matic 🗆 Nom <u>N/A</u> psi	inal Operating Pressur Test Temp. <u>N/A</u>	re 🛘 of		
information in i	al sheets in form items 1 through 6 led at the top of t	on this report i	ches, or draw s included or	ings may be used, pro n each sheet, and (3)	rovided (1 each she) size is 8½ in. x et is numbered and t	11 in., (2) he number of
(12/82)						k	
						•	

Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
No pressure testing required per code interpretation XI-1-95-48	•
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this replacement conforms to the rules of Code, Section XI. Repair or Replacement	the ASME
Type Code Symbol Stamp N/A	4
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Mann a Finspection & Test Supervisor Date 1/04 , 19 99 Owner or Owner's Designee, Title	į
ļ.,	
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 Inspector State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-09-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the second of the ASME Code, Section XI.	State
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connect this inspection. Commissions NC 1042	employer ted with
Inspector's Signature National Board, State, Province, and Endorsements Date 19 99	

1. Owner <u>Caroli</u>	na Power & Light C Nam			Н	Date	12/18/98	
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address			Sheet 1	of2	
	n Harris Nuclear P	ower Plant			Unit <u>1</u>		-
P.O. Rox 165	<u>, New Hill, N. C.</u>	Name 27562-0165			WR/JO_	09-40001	
7.0000.103	ACM IIII (N. C.	Address		-	Repair Org	anization P.O. No.,	Job No., etc.
3. Work Performed	d by <u>Carolina Po</u>			· · · · · · · · · · · · · · · · · · ·	Type Code	Symbol Stamp	N/A
D.O. O 4/5		· Name			Authorizat	ion No	N/A
P.O. 80X 165 /	New Hill, N.C. 275	Address			Expiration	Date	N/A
4. Identification	n of System:	CHEMICAL AND	VOLUME CONTR	OL A	SME III, CL	ASS 2	
(b) Applicable		on XI Utilized fo	or Repairs or	ition <u>, WINTER 1976</u> Replacements 19 <u>8</u> nents		-	
,				,		· ·	ASME
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No)
VALVE DIAPHRAGM FOR 2CS-D698SN-1	COLONIAL RUBBER	N/A	N/A	N/A	N/A	REPLACED	NO
VALVE DIAPHRAGM FOR 2CS-D698SN-1	WEBSTER PIPING	H/A	N/A	CP&L PART # 514-124-84 PO# 9C4691	N/A	REPLACEMENT	NO
	^	E		r			
	*						
			*				
7. Description of	Work: VALVE 2CS-	D698SN-1 (1CS-14	4) DIAPHRAGM	RELACEMENT	,		.ग्
8. Tests Conducte		essure	Nominal Oper _psi Test 1	ating Pressure D			
information in it	al sheets in form tems 1 through 6 c d at the top of th	n this report is	hes, or draw s included or	rings may be used, p n each sheet, and (3	rovided (1) each shee) size is 8½ in. : et is numbered and	x 11 in., (2) the number of

٠.	Remarks: PRESSURE TEST NOT REQUIRED PER CODE INTERPRETATION XI-1-95-48 FOR THE REPLACEMENT OF PRESSURE BOUNDARY PARTS.
	Applicable Manufacturer's Date Reports to be attached
	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
	repair or replacement ASME Code, Section XI.
	Type Code Symbol Stamp N/A
,	Certificate of Authorization No. N/A Expiration Date N/A
	Certificate of Authorization No. N/A Expiration Date N/A Signed Now A Figure Inspection & Test Supervisor Date 1/66 - 19 99 Owner or Owner's Designee, Title
	Owner or Owner's Désignee, 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>North Carolina</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Company</u> of One State Street, Hartford Connecticut 06102 have inspected the companents described
	in this Owner's Report during the period 10/31/98 to 11/12/98 , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
1	Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate 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,
	Commissions NC 1042 Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
	Date JAW 7 19 99

. Owner <u>Car</u>	olina Power & Light Na	Company game	-		Date	12/17/98	-
P.O. Box 1	1551, Raleigh, N. C.				Sheet 1	of2	•
	_	Address					
Plant <u>Shea</u>	aron Harris Nuclear	Power Plant Name			Unit1_		•
P.O. Box 1	165, New Hill, N. C.	27562-0165		WR/JO_98-ACPI1			_
		Address		. Repair Organiz	ation P.O.	No., Job No., etc.	
Work Perfor	med by <u>Carolina P</u>	Power & light Comp Name		Type Code Symb	ol Stamp	N/A	•
1	P.O. Roy 1	65 New Hill, N.C.		Authorization	No	N/A	
· · · · · · · · · · · · · · · · · · ·	F.O. BOX 1	Address		Expiration Dat	e	N/A	
Identifica	ition of System: 20	60-Chemical and V	olume Control	l System AS	ME_III, CI	ASS 2	
Identifica	tion of Components	Repaired or Repla	ced and Repla	cement Components			1
ame of	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
alve CS-146	Webster Pipe & Supply Co.	N/A	N/A	Diaphragm EPDM P.O. 9C4691	1998	Replacement	No
	•						
	1			1		i	
					•		
				,	•		
				'			
7. Des	cription of Work <u>: R</u>	eplaced diaphragm	on valve 10s	-146. End of life. P/I	v 514-124-	84.	
		ostatic 🛛 Pneum	natic 🛭 Nom	inal Operating Pressur	re 🗆 '	84.	
8. Test	ts Conducted: Hydro Other	ostatic [] Pneum r Ø Pressure _ m of lists, sketc on this report i	natic 🗆 Nom <u>N/A</u> psi Ches, or draw		e 🗆 ' orided (1) size is 8½ in.)	c 11 in.,

۶.	Remarks: Applicable records are maintained in the plant vault and turnover package.	
	Applicable Hanufacturer's Date Reports to be attached	
	NO PRESSURE TESTING IS REQUIRED PER CODE INTERPRETATION XI-1-95-48.	
	,	
	•	
-		
J	CERTIFICATE OF COMPLIANCE	
W.	We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the Repair or Replacement	\SME
	Type Code Symbol Stamp N/A	
•	Certificate of Authorization No. N/A Expiration Date N/A	
	Signed Mul a Programme Inspection & Test Supervisor Date 1/04 , 19 99 Owner or Owner's Designee, Title	
		_
	CERTIFICATE OF INSERVICE INSPECTION	
ii to Oi ex	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors are state or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-31-98 to 11-12-98, and state that so the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in the Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer has been any warranty, expressed or implied, concerning examinations and corrective measures described in this Owner's Report. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements National Board, State, Province, and Endorsements	this the



1. Owner <u>Caroli</u>	ina Power & Light (Date	12/22/98	
	Nar	ne .	•				
P.O. Box 155	1, Raleigh, N. C.	27602-1551 Address		_ 	Sheet <u>1</u>	of2	
2 Diont Shoom	n Harris Nuclear F				Hala 1		
z. Ptant sneard	M Harris Nuclear F	Name			Onit		8
P.O. Box 165	, New Hill, N. C.	27562-0165		WR/JO 98-AC1	'C1		
		· Address		Repair Organi	zation P.O	. No., Job No., etc.	
3. Work Performe	d by <u>Carolina Po</u>			Type Code Sym	bol Stamp	N/A	
		Name		Authorization	No	N/A	
	P.O. Box 16	<u>5 New Hill, H.C.</u> Address	<u> 27562-0165</u>	Expiration Da	te	N/A *	
4. Identificatio	n of System: <u>3065</u>	-Auxiliary Feedw	ater System	A	SME III, C	LASS 2	
5. (a) Applicable	e Construction Cod	e ASME Sect.III	19 <u>74</u> Ed	dition, <u>WINTER 1976</u>	Addenda,_	N/A_Code Case	
(b) Applicable	e Edition of Secti	on XI Utilized f	or Repairs o	r Replacements 19 <u>8</u>	9, Adde	nda <u>NO</u>	
6. Identification	on of Components R	epaired or Repla	ced and Repla	cement Components			
9 .							ASME Code
Name of	Name of	Manufacturer	National Board	Other	Year	Repaired, Replaced,	Stamped (Yes
Component	Manufacturer	Serial No.	No.	Identification	Built	or Replacement	or No)
6" S/120 Pipe	Dubose National Energy Service	N/A	N/A	P/N 761-671-39 P.O. 9A6907-01 Ht. # U02861	1998	Replacement	No -
,				7777 # 000,007	1		
			ļ				
1							
				-	-	 	
F							
							
					<u> </u>		
7 Dasas	intion of Works Cu	t out and contac	od a KII 9/120) small niese of ASU	line Ho 2	NF6-140SAB-1 per ESR	09-00/72
i. Desci	.peron or #01K <u>. tu</u>	t out and reptac	CG 0 0 3/120	- Spoot piece of AFW	Ling No. 2)	10 1403VD-1 DCL ESK	7U-UU43Z.
8. Tests	Conducted: Hydro			ninal Operating Press Test Temp556		•	
HOTE - 0		•			-		44 • :-
information in i	al sheets in form tems 1 through 6 (ed at the top of t	on this report i	ones, or dramaged o	wings may be used, p n each sheet, and (3	rovided (1) each she) size is 8½ in. x et is numbered and t	11 in., (2) he number of

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	-
Applicable Manufacturer's Date Reports to be attached	
Ref. Code Case N416-1 Ref. ESR 98-00432	
Replaced section of pipe on line No. 2AF6-140SAB-1 between welds 1-AF-16-01-FW-257 and 1-AF-16-01-fw-258.	1
Replaced Section of pipe on time no. Ento 1403no / Detrecti weeds 7 A. 10 of the Est dia 7 A. 10 of the Est.	a.
	_
CERTIFICATE OF COMPLIANCE	•
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules Code, Section XI. Repair or Replacement	of the ASME
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	·
Signed Man a Par Inspection & Test Supervisor Date 1/06, 1999 Owner or Owner's Designee, Title	
j	7
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectate or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-01-98 to 12-03-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described on the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, cone examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or continuing inspection, Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements	one State bed in this cerning the is employer
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date JAW 7 19 99	
Date JAW 7 19 99	

. Owner <u>Caro</u>	lina Power & Light				Date	12/16/98	_
	•	ame					
P.O. Box 1	551, Raleigh, N. C	. 27602-1551 Address			Sheet <u>1</u>	of <u>2</u>	
Plant Shear	ron Harris Nuclear				Unit <u>1</u>		
	. .	Name					
P.O. Box 16	55, New Hill, N. C.	. 27562-0165 Address		<u>WR/JO 98-ACTO</u> Repair Organ	2 ization P.0	. No., Job No., etc.	
Work Perform	ned by <u>Carolina F</u>			Type Code Syr	nbol Stamp	N/A	
		Name		Authorization	No	H/A	
ı	P.O. Box 1	165 New Hill, N.C. Address	2/562-0165	Expiration Da	ite	N/A	
Identificati	on of System: 306	55-Auxiliary Feedw	ater System	. ,	SME III, C	LASS 2	
(b) Applicab	ole Edition of Sect	ion XI Utilized f	or Repairs or	Replacements 19 _ E			
Identificat	cion of Components	kepaired or kepta	ced and kepta	cement Components	Î		T
lame of	Name of Hanufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
F-H-343 anger	Weldstar Company	N/A	N/A	P.O. 8G2787 Ht.# 086637	1995	Replacement	No
	,	,					,
					ı		
				emporarity and reinsoved for pipe replac		nger AF-H-343 was re	moved and r
8. Test				inal Operating Press Test Temp. <u>N/</u>			
ormation in	ital sheets in for items 1 through 6 ded at the top of	on this report i	ches, or draw s included or	ings may be used, posed, posed, and (3	provided (1 5) each she) size is 8½ in. > et is numbered and	the number

WR/JO 98-ACTC2 R/R #2-AF-H-343-01 ASHE III, CLASS 2

FORM NIS-2 (Back)

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Hanufacturer's Date Reports to be attached
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Mul a Promissection & Test Supervisor Date . 1/08, 1999 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State
Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period //-/
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 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,
COmmissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements
Date JAN 12 19 99

1. Owner <u>Carc</u>	olina Power & Lie						Date12	/16/98
	•	Name	•		,			. •
_P.OBox_1	551, Raleigh, N	. C. 27602-1551 Address			·		Sheet1 o	£2
2. Plant Shea	ron Harris Nucle	ear Power Diant					Unit <u>1</u>	1
		Name		 			onic	
P.O. Box 1	65. New Hill. N.	C. 27562-0165	ď		WR/JO	98-ACTC3	<u> </u>	
		Address			Repair	Organiz	ation P.O. No.,	Job No., etc
3. Work Perfor	med by <u>Carolin</u>	a Power & light	Company Name		type (ode Symbo	ol Stamp	N/A
1				,	Author	ization l	No	N/A
	P.O. Bo	x 165 New Hill, Address			Expira	tion Date	·	N/A
. Identificat	ion of System:_3	O65-Auvilianu E	nodwstor Suc					
		AAN HAAAAAAAA	GCGWGCCI SY	SCENI		ASI	te III. CLASS 2	•
. (a) Applical	ble Construction	Code ASME Sect	t.III 19_	74 Edition,	WINTE	R_1976_ Z	Addenda,N/A	Code Case
	ble Edition of S							
•	,		sed tot hepe	ills of Replace	mencs	<u>. 97</u>	, Addenda	
. Identifica	tion of Componen	ts Repaired or I	Replaced and	Replacement C	Compon	ents		
				ı				ASME
		1	National	ļ		F	Repaired,	Code Stamped
Name of Component	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identificati	0 2	Year Built	Replaced,	(Yes
FW-H-720	COLOC	N/A	N/A	P.O. 9C1321		1998	or Replacement	or No)
Hanger .	Industries			P/N 732-863-	46			
				1				
						,		
			1					
,								
				1				
			<u> </u>	<u> </u>			<u> </u>	<u> </u>
 7. Desc provide 	ription of Work	:Replaced (4)	nuts on ha	nger FW-H-720,	Rem	oved and	welded back	to original t
	s Conducted: Hy		-	Nominal O	n#!	Dunger		
0. 1650		ther Ø Pressi	re <u>N/A</u>			Pressure N/A		
OTE: Supplemen	tal sheets in f	orm of lists, s	ketches, or	drawings may	be us	ed, prov	ided (1) size	is 81/5 in v 1
n., (2) intorm	ation in items 1	through 6 on to	his report .	is included on	each	sheet, a	nd (3) each she	et is number

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date 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 Muli a Propertion & Test Supervisor Date 12/29, 1998 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-3-95 to 11-19-95 , 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 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,
Commissions NC 1042 Itspector's Signature National Board, State, Province, and Endorsements
Date SAN 4 19 99

1. Owner <u>Carol</u>	ina Power & Light	Company			Date	01-05-99	
P.O. Box 15	51, Raleigh, N. C.				Sheet 1	*of2	
• nº ,		Address					
2. Plant Shear	on Harris Nuclear	Power Plant Name	·		Unit <u>1</u>		
P.O. Box 16	5, New Hill, N. C.	27562-0165 Address		WR/JO 98-ADAI Repair Organ	(1 ization P.O.	No., Job No., etc.	
7 Uask Conform	ad by Canalina D	auan 2 liaht Cam		•		•	
5. WOLK PERTOLIN	ed by <u>Carolina P</u>	Name			, –	N/A	
	P.O. Rox 1	65 New Hill, N.C.	27562-0165	Authorization	n No	N/A	
		Address	4,702 0,07	Expiration Da	ete	N/A	
4. Identification	on of System: 3005	-Steam Generator			SME III, CLA	ss_2	
	•						
5. (a) Applicable	le Construction Co	de ASME Sect.III	19 <u>74</u> Ed	dition, <u>WINTER 1976</u>	Addenda, <u>N</u>	/A_Code Case	ħ
(b) Applicable	le Edition of Sect	ion XI Utilized f	or Repairs or	Replacements 19 <u>8</u>	9, Addend	a <u>NO</u>	
4							
6. Identificati	ion of Components (Repaired or Repla	ced and Repla	cement Components			
	1	1		7			<u> </u>
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Steam Gen.C2	Westinghouse	Bolt #19	N/A ·	P.O.#162065	See	Replacement	No
CL.2 Manway		S/N T05341	eh	P/N 723-482-04 See_remarks	Remarks		
			<u> </u>				
				v			
		 			-		
·	- 					1	
	 		<u> </u>	1		J	
7. Desci	ription of Work <u>: R</u>	eplaced 1 bolt on	_secondary ma	nway of Steam Genera	tor C-2 due	to thread wastage.	
8. Tests		ostatic 🗆 Pneu	matic Nom	inal Operating Press	ure 🗆		
	Other			Test Temp. N/A	<u>-</u>		
information in	tal sheets in form items 1 through 6 led at the top of 1	on this report i	ches, or drai s included o	wings may be used, p n each sheet, and (3	provided (1)) each sheet	size is 8½ in. x t is numbered and th	11 in., (2) he number of
	ica at the top of t					•	
(12/82)				_			

. Remarks: <u>Certified material test reports for bolts could not be located. Construction turnover package indicates</u> Applicable Manufacturer's Date Reports to be attached	
bolts were removed from the unit 2 generators and the CMTR's were not part of the package received from the	
vendor. Ref. ESR 98-00484 and 98-00486.	
Per code interpretation XI-1-95-52, pressure testing is not required.	•
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement	!
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Manh a Par Inspection & Test Supervisor Date 1/08, 19 99 Owner or Owner's Designee, Title	•
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-05-98 to 11-18-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date May 12 19 99	e

1. Owner <u>Caroli</u>	na Power & Light C	ompany			Date	01-26-99	
P.O. Box 155	Nam 1. Raleigh, N. C.	27602-1551	-		Sheet <u>i</u>	of <u>2</u>	
2. Plant Shearo	n Harris Nuclear P			•	Unit1_		····
P.O. Box 165	<u>, New Hill, N. C. :</u>			<u> </u>	WR/JO 98	3-ADIP1 panization P.O. No.,	<u>.</u>
3. Work Performe	d by <u>Carolina Po</u>					Symbol Stamp	T.
	,	. Name	•,		Authorizat	ion No	N/A
P.O. Box 165	New Hill, N.C. 2756	52-0165 Address		 	Expiration	Date	N/A
4. Identification	n of System: <u>3010</u> ·	STEAM GENERATO	R BLOWDOWN SY	STEM			
(b) Applicable		on XI Utilized fo	or Repairs or	ition, <u>WINTER 1976</u> Replacements 19 <u>8</u> nents			Code Case
-	·			h			ASHE
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	Code Stamped (Yes or No)
WELDED PIPE ATTACHMENT (PLATE)	N/A	N/A	N/A	P/N 733-599-29 PO # 668218 HT # U2537	N/A	REPLACEMENT	HO
	,						
,	•			,			
-							
·	f Work <u>: PLATE ATTAC</u>			1 FOR HANGER 1-BD-H	620 PER ES	R 98-00031.	
		essure <u>N/A</u>		emp. N/A of			
information in i	al sheets in form tems 1 through 6 d ed at the top of th	n this report i	ches, or draw s included or	nings may be used, p n each sheet, and (3	provided (1) each she) size is 8% in. : et is numbered and	x 11 in., (2) the number of

2/82)

. Remarks	s: NIS-2 NOT REQUIRED FOR INSTALLATION OF 1" DIAMETER BYPASS LINE PER CODE INTERPRETATION XI-1-92-66. Applicable Manufacturer's Date Reports to be attached
	•
	
	,
•	CERTIFICATE OF COMPLIANCE
	We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the repair or replacement
ASHE Co	ode, Section XI.
፤ ነሳንስ ርረ	ode Symbol Stamp N/A
••	
Certifi	icate of Authorization No. N/A Expiration Date N/A
Signed_	
•	Owner or Owner's Designee, Title
	CERTIFICATE OF INSERVICE INSPECTION
	CERTIFICATE OF INDERVICE INSELCTION
I, the	undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
One Sta	or Province of <u>North Carolina</u> and employed by <u>Hartford Steam Boiler Inspection and Insurance Company</u> of ate Street, Hartford Connecticut 06102 have inspected the components described
in this	s Owner's Report during the period 10-26-98 to 11-21-98 , and state that
Owner's	best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this s Report in accordance with the requirements of the ASHE Code, Section XI.
By si	igning this certificate neither the inspector nor his employer makes any warranty, expressed or implied, concerning the
examina shall t	ations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this ir	nspection,
<u> [0</u>	Commissions NC 1042
	Inspector's Signature National Board, State, Province, and Endorsements
Date	2- 5 19 99

1. Owner <u>Caro</u>	lina Power & Light C		-		Date 01	1-18-99	
P.O. Box 15	551, Raleigh, N. C.	. -			Sheet 1	of2	
2. Plant <u>Shea</u>	ron Harris Nuclear P				Unit 1		
P.O. Box 16	55, New Hill, N. C.				WR/JO 98	3-ADRC4 [™] Janization P.O. No.,	Job No., etc
3. Work Perform	med by <u>Carolina Po</u>	wer & light Comp Name		,	•	Symbol Stamp	
P.O. Box 165	5 New Hill, N.C. 275	62-0165				ion No	
	•	Address				Date	
. Identificati	ion of System: <u>PASSI</u>	VE SAFETY INJECT	ION SYSTEM (2	090)	ASME III C	LASS 2	····
(b) Applicat	ole Construction Code ole Edition of Section cion of Components Re	on XI Utilized fo	or Repairs or	Replacements 198			
Name of Component	. Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
	ā >			, ,			
7. Description	of Work: REMOVED AND	REINSTALLED HAN	IGER S1-H-897	TO ASSIST IN THE RE	PAIR OF VAL	VE 1SI-257	
	ted: Hydrostatic □		Hominal Opera	ting Pressure □			
IOTE: Supplemen	ntal sheets in form	of lists, sketo	hes, or draw	ings may be used,	provided (1) size is 8½ in. :	x 11 in., (2

information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.



. Remarks: HANGER ITEM 1 WELD TO ENBED PLATE WAS CUT TO REMOVE HANGER TO ASSIST IN THE REPAIR OF VALVE 1SI-2577 AND THEN
Applicable Manufacturer's Date Reports to be attached
REINSTALLED AFTER VALVE WORK WAS COMPLETED.
CODMITTION OF COVER TAYOR
. CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>REPLACEMENT</u> conforms to the rules of the
ASHE Code, Section XI.
None deady describe his
Type Code Symbol Stamp N/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Mach a Far Inspection & Test Supervisor Date 1-20, 19 99
Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the
State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of
One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-05-98 to 11-24-98 , and state that
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this
Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the
examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his employer
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with
this inspection,
Inspector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
Date 1- 26 19 99



Name of Name of Manufacturer Board Other Gental No. Identification Built Or Replaced, or No)	. Owner <u>Carol</u>	lina Power & Light		······································		Date	12/17/98	
Plant Shearon Harris Nuclear Power Plant Name P.O. 8ox 165, New Hill, N. C. 27562-0165 Address P.O. 8ox 165, New Hill, N. C. 27562-0165 Address P.O. 8ox 165, New Hill, N. C. 27562-0165 Address P.O. 8ox 165 New Hill, N. C. 27562-0165 Address Address Address Address Identification of System: 2070-Containment Spray System ASME III, CLASS 2 (a) Applicable Construction Code ASME Sect.III 19 74 Edition, MINIER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 Addenda NO Identification of Components Repaired or Replaced and Replacements Components Name of Name of Hanufacturer Serial No. No. Identification Built or Replaced, Yes Component Manufacturer Serial No. No. Identification Built or Replaced, Yes Component Replaced Proceedings of No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification Built or Replaced or No. Identification P.O. No. Identification Built or Replaced or No. Identification P.O. No.	γ <u>ū</u>	N	ame					
Name P.O. Box 165, New Hill, H. C. 27562-0165 Address Repair Organization P.O. No., Job No., etc. Work Performed by Carolina Power & Light Company Name P.O. Box 165 New Hill, N.C. 27562-0165 Address P.O. Box 165 New Hill, N.C. 27562-0165 Address Repair Organization P.O. No., Job No., etc. Work Performed by Carolina Power & Light Company Name P.O. Box 165 New Hill, N.C. 27562-0165 Address P.O. Box 165 New Hill, N.C. 27562-0165 Address Repair on Date N/A Authorization No. N/A Expiration No. ASME III, CLASS 2 ASME Code Components ASME Code Components ASME Code Components ASME Code Components Nonurifacturer Serial No. No. Identification Built or Replacednt Other Stamp Repaired, Replaced, Replaced, Replaced, Replaced, Replaced, Replaced, Replaced, Other Or No. 178 N	P.O. Box 15	551, Raleigh, N. C		¥		Sheet 1	of2	-
Name P.O. Box 165, New Hill, N. C. 27562-0165 Address Repair Organization P.O. No., Job No., etc.	Plant Shear	ron Harris Nuclear	Power Plant			Unit 1		
Address Repair Organization P.O. No., Job No., etc. Work Performed by Carolina Power & Hight Company Name P.O. Box 165 New Hill, N.C. 27562-0165 Address Address Expiration Date N/A Identification of System: 2070-Containment Spray System ASHE III, CLASS 2 (a) Applicable Construction Code ASHE Sect.III 19 74 Edition, Winter 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, Addenda NO Identification of Components Repaired or Replaced and Replacement Components ASHE Code Cade Code Code Code Code Code Ramufacturer Serial No. No. Identification Built or Replaced, Cress or Replaced, Internat. BESTYP 659 1/8/X369 ER 308 1981 Replacement Yes Trick Code Code Code Code Code Code Code Code		,						-
Work Performed by Carolina Power & Light Company Name	P.O. Box 16	55, New Hill, N. C.			WR/JO 98-AFGT1	etion P O	No Joh No etc	_
Address Expiration No	Work Perform	ned by Carolina S		2224	•		•	
Address Expiration Date N/A Address Expiration Date N/A Identification of System: 2070-Containment Spray System ASME III, CLASS 2 (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89, Addenda NO Identification of Components Repaired or Replaced and Replacement Components The component Manufacturer Serial No. Notional Repaired, Replaced, Or Replaced, Or Replaced, Or Replaced, Or Replaced, Or No. alve Rockwell BE379 659 1/8**X56** ER 308 1981 Replacement Yes The component Manufacturer Serial No. The component Manufacturer Serial No. The component No. The com	,	ca by <u>carotina r</u>						_
Identification of System: 2070-Containment Spray System ASME III, CLASS 2 (a) Applicable Construction Code ASME Sect.III 19 74 Edition, WINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO Identification of Components Repaired or Replaced and Replacement Components ASME Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO Identification of Components Repaired or Replaced and Replacement Components ASME Code Case Repaired, Repaired, Replaced, Or Replaced, President No. Identification Built or Replacement or No. Identification Replaced, Or Replacement Or No. Identification Replacemen		P.O. Box 1		27562-0165		•		-
(a) Applicable Construction Code ASME Sect.III 19 74 Edition, UINTER 1976 Addenda, N/A Code Case (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO Identification of Components Repaired or Replaced and Replacement Components ASME Code Stamps								-
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 89 , Addenda NO Identification of Components Repaired or Replaced and Replacement Components ASHE Code Cod	identificati	on of System: 2070	J-Containment Spra	y_System	AS	ME III, C	LASS 2	-
Identification of Components Repaired or Replaced and Replacement Components 89 Addenda	(a) Applicab	ole Construction Co	de <u>ASME Sect.III</u>	19 <u>74</u> Ec	lition, WINTER 1976	Addenda,_	N/A Code Case	
Identification of Components Repaired or Replaced and Replacement Components ASKE Code							0	_
ASME Code Stampe of Manufacturer Serial No. Identification Bill Replaced, or Replacement (Yes or No. Internat. BE379 659 1/8"X36" ER 308 Ht.# 703435 1981 Replacement Yes Or No. Internat. BE379 659 1/8"X36" ER 308 Ht.# 703435 1981 Replacement Yes Or No. Internat. BE379 659 1/8"X36" ER 308 Ht.# 703435 1981 Replacement Yes Or No. Internat. BE379 659 1/8"X36" ER 308 Ht.# 703435 1981 Replacement Yes Or No. Internat. BE379 659 1/8"X36" ER 308 Ht.# 703435 1981 Replacement Yes Or No. Internation of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pressure 47 psi Test Temp. 85.9 of Other Pressure 47 psi Test Temp. 85.9 of Its Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.		th _k		•	•	,		,
All the component Manufacturer Serial No. Name of Manufacturer Serial No. No. Identification Built Replaced, or Replacement Or No. 1/8"X36" ER 308 1981 Replacement Yes Or No. No. No. No. No. No. No. No. No. No.	Identificat	ion of Components	Repaired or Repla	ced and Repla	cement Components			
Anne of Name of Hanufacturer Serial No. National Board National Board National Board No. Identification Suilt Replaced, or Replaced, or Replaced, or Replacement No. Identification Suilt Replacement No. No. Identification Suilt Replacement National Board No. Identification Suilt Replacement No. No. Identification No. Identification No. Identification Suilt Replacement No. No. Identification Identification No. Identification Identi								
7. Description of Work: Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.	lame of			Board	1		Replaced,	Stamped (Yes
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 17 psi Test Temp. 85.9 of [E: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.	/alve ICT-62	Rockwell			1/8"X36" ER 308			
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numberets is recorded at the top of this form.		· .						
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑ Other □ Pressure <u>47</u> psi Test Temp. <u>85.9</u> of E: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.								
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of St. Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.			j	ĺ				
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of St. Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.							-	
7. Description of Work:Removed body cover seal weld for inspection and rewelded back to original. 8. Tests Conducted: Hydrostatic □ Pneumatic □ Nominal Operating Pressure ☑ Other □ Pressure <u>47</u> psi Test Temp. <u>85.9</u> of E: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.								
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.					•			
8. Tests Conducted: Hydrostatic Pneumatic Nominal Operating Pressure Other Pressure 47 psi Test Temp. 85.9 of IE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numberets is recorded at the top of this form.				<u>J</u>).	ļ		
Other O Pressure 47 psi Test Temp. 85.9 of TE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.	7. Desc	ription of Work <u>:Re</u>	moved body cover	seal weld for	inspection and rewel	ded back t	o_original.	
(E: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbered is recorded at the top of this form.	8. Test	s Conducted: Hydro	ostatic 🗆 Pneu r 🖟 Pressure	matic 🗆 Nom 47 psi	inal Operating Pressur Test Temp. RS O	re ⊠ oF		
formation in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the numbe eets is recorded at the top of this form.	Œ: Supolemen				•) size is 814 in s	v 11 in
	ormation in	items 1 through 6	on this report i	s included or	n each sheet, and (3)	each she	et is numbered and	the number
.(02)	2/82)							

FORM NIS-2 (Back) 9. Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached CERTIFICATE OF COMPLIANCE. We certify that the statements made in the report are correct and this_ <u>replacement</u> <u>conforms</u> to the rules of the ASME Code, Section XI: Repair or Replacement Type Code Symbol Stamp___N/A __Expiration Date_ Certificate of Authorization No. N/A N/A Inspection & Test Supervisor 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 Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 08-31-98 to 09-02-98 09-02-98 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 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 __ Commissions_ NC_1042 Inspector's Signature National Board, State, Province, and Endorsements

1. Owner <u>Caro</u>	lina Power & Lic		· · · · · · · · · · · · · · · · · · ·				Date12/16	/98
P.O. Box 1	551, Raleigh, N.	C. 27602-1551 Address				 .	Sheet 1 of _	. 2
2. Plant <u>Shear</u>	ron Harris Nucle	ar Power Plant Name		·····			Unic1	
P.O. Box 1	65. New Hill, N.	C. 27562-0165 Address				98-AGWH1 r Organiza	ation P.O. No., Jo	ob No., etc.
3. Work Perform	med by <u>Carolin</u>	*	Namo			_	ol Stamp <u>N//</u>	
	P.O. Bo	x 165 New Hill, Address		-0165	Expira	ation Date	. <u> </u>	.
4. Identificati	ion of System:	2070-Containmen	t Spray Syst	:em		ASI	ME III, CLASS 2	· · · · · · · · · · · · · · · · · · ·
(b) Applicat		ection XI Utili:	zed for Repa	irs or Repla	cements	: 19 <u>89</u>	Addenda, <u>N/A</u> Cod	•
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	tion	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CT-H-895 Hanger	COLOC Industries	N/A	N/A	P.O. 8N9756 P/N 732-862		1997	Replacement	No
ı				۸.				
7. Descr	ription of Work:	Replaced (4) Loc	ck nuts on H	anger CT-H-8	95. Rem	oved for	access to ISI exa	ms
8. Test	s Conducted: Hy Ot	drostatic 🔘 her 🗹 Press						
in., (2) inform	tal sheets in fo ation in items 1 of sheets is rec	through 6 on t	his report	is included o	y be us on each	sed, provi sheet, a	ided (1) size is nd (3) each sheet	8% in. x 11 is numbered
12 52)	•							

9. Remarks: Applicable records are maintained in the plant vault and turnover package. Applicable Manufacturer's Date Reports to be attached
Applicable manufacturer's Date Reports to be attached .
•
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed 77 un a Inspection & Test Supervisor Date 12/27, 1998 Owner's Designee, Title
No.
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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 10-28-78 to 10-31-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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, Commissions NC 1042
Inspector's Signature National Board, State, Province, and Endorsements
Date TAN 4 19 99

1. Owner <u>Caro</u>	lina Power & Lic	nht Company Name		1			Date12/16	/98
P.O. Box 1	551, Raleigh, N.	C. 27602-1551 Address		<u>i</u>			Sheet <u>l</u> of _	2 .
2. Plant <u>Shea</u>	ron Harris Nucle	ar Power Plant Name				·	Unit	
P.O. Box 1	65. New Hill. N.	C. 27562-0165 Address				98-AHAN3 r Organiza	ation P.O. No., Jo	ob No., etc.
3. Work Perform	med by <u>Carolin</u>	a Power & light	· · · · · · · · · · · · · · · · · · ·		h.	ol StampN/		
	P.O. Box 165 New Hill, N.C. 27562-0165 Address						NoN//	
4. Identificati	ion of System: 4	065-Emergency S	ervice Water	System		ASI	ME III. CLASS 2	
(b) Applicat	я	ection XI Utili:	zed for Repa	irs or Repla	acements	: 19 <u>89</u>	Addenda, <u>N/A</u> Cod	
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	, ition_	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
SW-H-2362 Hanger	COLOC Industries	N/A	N/A	P.O. 8N975 P/N 732-86		1997	Replacement	No
				`			,	
7. Descr	ription of Work <u>:</u>	Replaced (4) Loc	k nuts on h	anger SW-H-2	362. Re	moved han	ger for piping re	placement.
8. Test	s Conducted: Hy Ot	drostatic 🔲 I	Pneumatic C			Pressure N/A		
in., (2) inform	tal sheets in fo ation in items l of sheets is rec	through 6 on t	his report .	is included	y be us on each	sed, provi sheet, a	ided (1) size is nd (3) each sheet	8% in. x 11 is numbered
(12/02)								

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
Applicable Manufacturer's Date Reports to be attached
Reference CR 98-02672
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•
CERTIFICATE OF COMPLIANCE
We corride that the gratements made in the woney are correct and this weakers
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
2001
Signed // /urll A Inspection & Test Supervisor Date 12/29, 1998 Owner or Owner's Designee, Title
Owner or Owner's Designee, Title
`
CERTIFICATE OF INSERVICE INSPECTION
T the understands, helding a unlid manufacture formed by the Mariant Bound of Bellin and Bussians than a
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 One State Street, Hartford Connecticut 06102 have inspected the components described
in this Owner's Report during the period 10-31-98 to 11-20-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures
described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.
By signing this certificate neither the Inspector 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.
$(3)_{A}$
Inspector's Signature National Board, State, Province, and Endorsements
The state of the s
Date TAN 4 19 99

(12/82)

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1. Owner <u>Carc</u>	olina Power & Lic	nht Company Name					Date12/16	/98
P.O. Box 1	551, Raleigh, N	. C. 27602-1551 * Address					Sheet 1 of _	2
2. Plant Shea	ron Harris Nucle	ear Power Plant Name					Unit _1	
P.O. Box 1	65. New Hill. N.	C. 27562-0165 Address				98-AHBK1 r Organiz	ation P.O. No., J	ob No., etc.
3. Work Perfor	med by <u>Carolin</u>	a Power & light	Company Name				ol StampN/	
	P.O. Bo	x 165 New Hill. Address		-0165			NoN/	
4. Identificat	ion of System:	3065-Auxiliary	Feedwater Sy	/stem		ASI	ME III. CLASS 2	
(b) Applical		ection XI Utili:	zed for Repa	irs or Repla	cements	s 19 <u>89</u>	Addenda, <u>N/A</u> Coo	•
Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identifica	tion.	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
FW-H-721 Hanger	COLOC Industries	N/A	N/A	P.O. 7N708 P/N 732-86	3	1994	Replacement	No
								-
	`		,				,	
7. Desc	ription of Work:	Replaced (3) Lo	ock Nuts on	hanger FW-H-	721. Re	moved for	access to ISI Ex	ams
8. Test	s Conducted: Hy Ot	drostatic 🛭 I	Pneumatic C	l Nominal Ope psi Test	erating Temp.	Pressure		
in., (2) intorm	atal sheets in fo ation in items 1 of sheets is rec	through 6 on t	his report :	is included o	y be us on each	sed, provi sheet, a	ided (1) size is nd (3) each sheet	8% in. x 11 is numbered

9. Remarks: Applicable records are maintained in the plant vault and turnover package.
. Applicable Manufacturer's Date Reports to be attached
CERTIFICATE OF COMPLIANCE
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement
Type Code Symbol StampN/A
Certificate of Authorization No. N/A Expiration Date N/A
Signed Much a Fr Inspection & Test Supervisor Date 12/29. 19 98 Owner or Owner's Designee, Title
CERTIFICATE OF INSERVICE INSPECTION
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-4-95 to 11-30-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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,
Insector's Signature Commissions NC 1042 National Board, State, Province, and Endorsements
Date JAN 4 19 99
· ·

1. Owner <u>Carolina Power & Light</u>	Company			Date	12/22/98			
Nai	ne							
P.O. Box 1551, Raleigh, N. C.	27602-1551 Address		Sheet <u>1</u>	of2				
2. Plant <u>Shearon Harris Nuclear I</u>	Power Plant Name			Unit <u>1</u> _		_		
P.O. Box 165, New Hill, N. C.	27562-0165		WR/JO 98-	AURD1				
, , , , , , , , , , , , , , , , , , ,	Address				. No., Job No., et	c.		
3. Work Performed by <u>Carolina Po</u>	wer & light Comp Name 5 New Hill, N.C.	Type Code	Type Code Symbol Stamp N/A Authorization No. N/A					
,	Address	27302 0103	 Expiratio	n Date	N/A			
4. Identification of System: 3065	-Auxiliary Feedw	ater System		ASME III, CL	ASS 2	_ ,		
5. (a) Applicable Construction Coo	e ASME Sect.III	19 74 Ed	ition. WINTER 1	976 Addenda	N/A Code Case			
(b) Applicable Edition of Section6. Identification of Components R	on XI Utilized fo	or Repairs or	Replacements 19	89 , Adden		_		
Total Components R	cpanica or keptai	ced and repta	sement components	•				
Name of Name of	Hanufacturer	National Board	Other	Year	Repaired, Replaced,	ASME Code Stamped (Yes		

Name of Component	Name of Manufacturer	Hanufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
1AF-68 Disc	Cann & Saul Steel Co.	Disc S/N 3	NB 190	Disc Ht.#6057494	1980	Replaced	Yes
1AF-68 Disc	Anchor Darling Valve Co.	Disc S/N 5	N/A	P/N 726-304-86 P.O. 422345 Ht.# 8097400	1988	Replacement	Yes
Disc Nut Pin (2)	Anchor Darling Valve Co.	H/A	N/A	P/N 726-664-64 P.O. 222526	1985	Replacement	, No ,
Disc Nut (1)	Anchor-Darling Valve Co.	N/A	N/A	P/N 740-301-49 P.O. 7N8192-02	1994	Replacement	No
Nut (1)	Texas Bolt Company	N/A	N/A	P.O. 809192 Ht. # 8898297	1998	Replacement	No

7	Description of Work: Ren	locad the Dice	Dice put pin	Dice nut and	ana Dannah mut an i	inlum 145.40
	Describtion of work: Rep	naced the bisc.	DISC DUE DID	ווות אווו אווו	ANG KANNAT NUT AN V	MIVA TAF•AX

8.	Tests Conducted:									
		Other	\square	Pres	sure _	N/A	_psi 1	est Temp.	N/A	_of

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 8½ in. x 11 in., (2) information in items 1 through 6 on this report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
No pressure testing required per code interpretations XI-1-95-48 and XI-1-95-52.	
· · ·	•
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of Code, Section XI. Repair or Replacement	the ASME
Type Code Symbol StampN/A	
Certificate of Authorization No. N/A Expiration Date N/A	
Signed Mull a Pay Inspection & Test Supervisor Date 1-4 , 1997 Owner or Owner's Designee, Title	
, a	
CERTIFICATE OF INSERVICE INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspector State or Province of North Carolina and employed by Hartford Steam Boiler Inspection and Insurance Company of One Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 11-09-98 to 11-20-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concern examinations and corrective measures described in this Owner's Report. Furthermore, neither the Inspector nor his estable beliable in any manner for any personal injury or property damage or a loss of any kind arising from or connect	in this ing the
this inspection,	cu artii
Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements	
Date JAW 5 19 99	

			1				*		
1. Owner <u>Caro</u>	lina Power & Lic	tht Company					Date12/16	/98	
		Name						7	
P.O. Box 1	551. Raleigh. N.	C. 27602-1551					Sheet <u>1</u> of _	2	
	,	Address	l				<u> </u>		
2. Plant Shear	ron Harris Nucle	ar Power Plant				<u> </u>	Unit1_		
		Name							
P.O. Box 10	65. New Hill, N.	C. 27562-0165			WR/JO	98-AHIO1			
		Address			Repair Organization P.O. No., Job No., etc.				
3. Work Perform	med by <u>Carolin</u>	a Power & light	Company	<u>. </u>	Type	Code Symb	ol Stamp N/	A	
			Name		Type Code Symbol StampN/A				
	P.O. Bo	x 165 New Hill.	N.C. 27562	-0165	Autho	rization 1	NoN/	Α	
		· Address			Expir	ation Date	N/.	Α	
4. Identificati	ion of System:	3010-Steam Gene	rator Blowdo	own System		ASI	ME III. CLASS 2		
							IN AND VINIOU E		
5. (a) Applicat	ole Construction	Code ASME Sect	t.III 19	74 Edition.	WINT	ER 1976 2	Addenda, <u>N/A</u> Co	in Caro	
(b) Applicat	ole Edition of S	ection XI Utili:	zed for Repa	irs or Repla	cements	3 19 <u>89</u>	, Addenda	10	
6. Identificat	cion of Component	ts Repaired or I	Replaced and	Replacement	Compor	nents			
		1		Î	-	T T		4	
	j			1			ł	ASME-	
			National	1		İ	Repaired,	Code Stamped	
Name of ` Component	Name of Manufacturer	Manufacturer Serial No.	Board	Other		Year	Replaced,	(Yes	
BD-H-70	COLOC	N/A	No. N/A	P.O. 8P154		Built 1997	Replacement	or No)	
Hanger	Industries			P/N 732-86		"""	, mepadediment	1	
				 		 			
	l .	,		İ		İ	·	1	
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	'								
		 _							
						1			
<u> </u>	I			<u> </u>					
7. Descr	ription of Work <u>:</u>	Replaced (2) Lo	ck nuts on	hanger BD-H-	70. Ren	noved hand	er for access to	ISI Exams.	
8. Test	s Conducted: Hy								
			re <u>N/A</u>			N/A			
NOTE: Supplemen	tal sheets in fo	orm of lists, s	ketches, or	drawings may	y be us	sed, prov	ided (1) size is	8% in. x 11	
in., (2) inform	ation in items 1	through 6 on t	his report :	is included of	n each	sheet, a	nd (3) each sheet	is numbered	

	intained in the plant vault and turnover package. ble Manufacturer's Date Reports to be attached
, applica	ble manutacturer a back reports to be accaused
	• ,
••	CERTIFICATE OF COMPLIANCE
	CERTIFICATE OF COMPDIANCE
We certify that the statements made in of the ASME Code, Section XI.	the report are correct and this replacement conforms to the rules Repair or Replacement
Type Code Symbol Stamp N/A	
Carrificate of Authorization No.	N/A Expiration Date N/A
2001	1
Owner or Owner's Besignee,	Inspection & Test Supervisor Date 1229, 19 18, Title
	f
CER	RTIFICATE OF INSERVICE INSPECTION
	Nee.
	commission issued by the National Board of Boiler and Pressure Vessel f North Carolina and employed by Hartford Steam Boiler Inspection and
Insurance Company of One State Street	t. Hartford Connecticut 06102 have inspected the components described
	od 1/-10-98 to 1/-19-98, and state that the Owner has performed examinations and taken corrective measures
	cordance with the requirements of the ASME Code, Section XI.
	the Inspector nor his employer makes any warranty, expressed or implied,
	tive measures described in this Owner's Report. Furthermore, neither the
any kind arising from or connected with	
5'B') ~ K	Commissions NC 1042
nspector's Signature	National Board, State, Province, and Endorsements
Date¶A⊷ 5	CG
Dacey►~ 5 19_	

1. Owner <u>Carolina Power & Light Company</u> Name					· · · · · · · · · · · · · · · · · · ·	Date12/16	/98	
_P.O. «Box	1551, Raleigh, N.	. C. 27602-1551				Sheet 1 of _	.	
		Address				Sheet,Or		
Plant She	earon Harris Nucle	ar Power Plant				Unit1		
		Name						
P.O. Box	165, New Hill, N.				R/JO 98-AHPI		·	
	•	Address		Re	Repair Organization P.O. No., Job Nc., et			
. Work Performed by <u>Carolina Power & light Company</u>					Type Code Symbol StampN/A			
		x	Name		thorization	NoN/A	·	
	P.O. Bo	x 165 New Hill, Address			piration Dat	.e		
Identific	tion of System:	2065-20063 i none :	Caadiianaa C					
Identifica	ction of System:	3005-AUXIIIary	reedwater Sy	scem	A\$	ME III. CLASS 2		
(a) Applic	able Construction	Code ASME Sect	t.TIT - 19	74 Edition. W	INTER 1976	Addenda, N/A Cod	0 (200	
(p) Applic	able Edition of S	ection XI Utiliz	zed for Repa	irs or Replacem	ents 19 <u>89</u>	AddendaN	0	
Identific	ation of Componen	ts Repaired or F	Replaced and	Replacement Con	mponents	t .		
			l				ī.	
			,	1	1		ASME Code	
_		_	National			Repaired,	Stampe	
ame of omponent	Name of Manufacturer	Manufacturer Serial No.	Board No.	Other Identification	Year n Built	Replaced, or Replacement	(Yes	
F-H-296	Bergen	N/A	N/A	P09A6923 (E7018		Replacement	or No) No	
anger	Patterson			Ht.#112438				
F-H-299 anger	Bergen Patterson	А/И	N/A	P09A6923 (E7018 Ht.#112438	8) 1985	Replacement	No	
F-H-300	Bergen	N/A	N/A	P09A6923 (E7018	8) 1985	Replacement'		
anger	Patterson	* '	WA	Ht.#112438	, 1363	Replacement	No	
F-H-365	Bergen	N/A	N/A	P09A6923 (E7018	8) 1985	Replacement	No	
anger	Patterson			Ht.#112438				
F-H-365 anger	Bergen Patterson	· N/A	N/A	PO H57610	1985	Replacement	No	
iliger	Paccerson	<u> </u>	Y	Ht.#B12995			<u> </u>	
	scription of Work:	Modified snubbe	rs on suppo	rts listed were	ground/weld	ed per ESR 98-0048	9 as	
7. De:		required to ac	nieve proper	"L" and "P-P"	dimensions.		i	
7. De:								
				4 🔻				
	sts Conducted: Hy	/drostatic 🛛 :	Pneumasic C	Nominal Operat				
8. Te	Ot	/drostatic 🛭 :	ure <u>, %/A</u>	psi Test Te	mpN/A			

12/82)

9. Remarks: Applicable records are maintained in the plant vault and turnover package.	
Applicable Manufacturer's Date Reports to be attached	
Reference ESR 98-00489	
Reference WR/JO 97-AHGA4 and 97-AHGA5	_
	_
CERTIFICATE OF COMPLIANCE	
We certify that the statements made in the report are correct and this <u>replacement</u> conforms to the rules of the ASME Code, Section XI. Repair or Replacement	
Type Code Symbol Stamp N/A	
Certificate of Authorization No. N/A Expiration Date N/A Signed Much a Figure Inspection & Test Supervisor Date 12.27 , 19.48 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 One State Street, Hartford Connecticut 06102 have inspected the components described in this Owner's Report during the period 1/-1/-98 to 1/-2/-98, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI. By signing this certificate neither the Inspector 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. Commissions NC 1042 Inspector's Signature National Board, State, Province, and Endorsements Date JAW 5 19 99	