

CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)

REPORT OF THE 1994 THROUGH 1995 INSERVICE INSPECTION  
AT

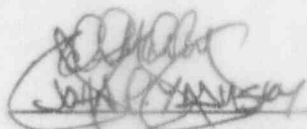
BRUNSWICK STEAM ELECTRIC PLANT UNIT 1  
SOUTHPORT, NORTH CAROLINA 28461-0429

CAROLINA POWER AND LIGHT COMPANY  
RALEIGH, NORTH CAROLINA

COMMERCIAL SERVICE DATE: 3/17/77

REVISION 0

Prepared By:



Date

7/27/95

Prepared By:

Michael J. Kemp

Date

7/27/95

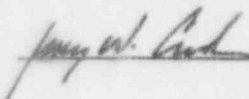
Prepared By:

Erin H. Harrison

Date

7/27/95

Approved By:



Date

7/27/95





FORM NIS-1 (back)

8. Examination Dates February 24, 1994 to May 21, 1995 9. Inspection Interval from July 10, 1986 to July 10, 1997

10. Abstract of Examinations. Include a list of examinations and a statement concerning status of work required for current interval. See Sections 2,3,4, and 5 for Summary of Examinations.

11. Abstract of Conditions Noted. See Section 6 for Summary of Conditions Noted.

12. Abstract of Corrective Measures Recommended and Taken. See Section 6 for Corrective Actions Taken.

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.

Date 16 Aug 19 95 Signed CP&L By W. Lewis  
Owner Plant General Manager BNP

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler  
of Hartford, Connecticut

have inspected the components described in this Owner's Data Report during the period 2/24/94 to 5/21/95 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 Data 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 Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date August 16 19 95

Grady Young  
Inspector's Signature

Commissions NC 990 "ANI IS"

National Board, State, Province, and Endorsements

IE, San Jose, California  
Brown & Root, Houston, Texas  
Ellogg - Subcontractor for GE and Brown & Root  
Morgan-Paterson, Boston, Massachusetts

- [illegible]

This form (E00029) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-1 (back)

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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.

Date 16 Aug 19 95 Signed CP&L Owner By N. J. Davis  
Plant General Manager BNP

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

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of North Carolina and employed by Hartford Steam Boiler of Hartford, Connecticut have inspected the components described in this Owner's Data Report during the period 2/24/94 to 5/21/95, 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 Data 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 Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Date August 16 19 95  
Grady Young Commissions NC 990 "ANIS"  
Inspector's Signature National Board, State, Province, and Endorsements

GE, San Jose, California  
Brown & Root, Houston, Texas  
Kellogg - Subcontractor for GE and Brown & Root  
Bergen-Paterson, Boston, Massachusetts

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## **SECTION 1.0**

### **INTRODUCTION**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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**1.0 INTRODUCTION**

- 1.1 This report represents a summary of the Inservice Inspection (ISI) activities performed at the Carolina Power and Light Company's Brunswick Steam Electric Plant (BSEP) Unit 1 through the ninth regularly scheduled refueling outage in Program B.
- 1.2 BSEP Unit 1 - PROGRAM B (IWA 2420): Outage Code 2-3-09 (Reference letter dated 08/05/94, Serial Number BSEP-94-0302 Second Inservice Inspection Interval Extension)
  - 1.2.1 Second Inspection Interval (7/10/86 - 7/10/97)
  - 1.2.2 Third Inspection Period (3/11/94 - 7/10/97)
  - 1.2.3 Ninth Refueling Outage (4/1/95 - 5/21/95)
- 1.3 Examinations were performed to satisfy the requirements (or portions thereof) of the following documents:
  - 1.3.1 American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Division I), Inspection Program B, Edition 1980 through the Winter 1981 addenda (81W-02), with Code Case N-408 applied for Class 2 piping welds.
  - 1.3.2 BSEP Technical Specifications



**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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**1.0 INTRODUCTION (cont'd)**

- 1.4 The following lists the general examination methods utilized to perform examinations on components in accordance with the requirements of the documents referenced above.

<u>Requirement</u>	<u>Description</u>	<u>Exam Method</u>
81W-02	<ul style="list-style-type: none"> <li>- Pressure retaining welds in reactor vessel (B-A)</li> <li>- Full penetration welds of nozzles in vessels (B-DB)</li> <li>- Pressure Vessels (C-A)</li> <li>- Pressure retaining piping welds (B-F, B-J, C-F-2)</li> <li>- Pressure retaining bolting, greater than 2 inches in diameter (B-G-1)</li> <li>- Integral attachments for piping, pumps, and valves (B-K-1, C-C)</li> <li>- RPV Welded Attachments (B-H)</li> <li>- Pressure retaining welds in Control Rod Drive Housing (B-O)</li> </ul>	Surface and/or Volumetric
81W-02	<ul style="list-style-type: none"> <li>- Pressure boundary component supports (F-A, F-B, F-C)</li> <li>- Reactor vessel interior (B-N-1/B-N-2)</li> </ul>	Visual
BSEP TECH. SPEC.	<ul style="list-style-type: none"> <li>- Safety and Nonsafety related snubbers.....</li> <li>- Sampling of Safety related snubbers.....</li> </ul>	Visual Functional Testing

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**1.0 INTRODUCTION (cont'd)**

1.5 The following lists the design temperature and pressure of the ASME Class 1 & 2 systems on which examinations may be performed.

<u>System Abbrev.</u>	<u>System</u>	<u>ASME Class</u>	<u>Design Temperature and Pressure</u>
CRD	CONTROL ROD DRIVE	1	1750 PSIG @ 150°F
		2	1146 PSIG @ 280°F
CS	CORE SPRAY	1	1118 PSIG to 1147 PSIG @ 540°F to 562°F
		2	50 PSIG to 200 PSIG @ 120°F TO 390°F
FPC	FUEL POOL COOLING	3	185 PSIG to 460 PSIG @ 140°F to 452°F
FW	FEEDWATER	1	1550 PSIG @ 425°F
HP	HIGH PRESSURE COOLANT INJECTION	1	1118 PSIG @ 560°F
		2	50 PSIG to 1550 PSIG @ 120°F to 560°F
MS	MAIN STEAM	1	1118 PSIG @ 560°F
		2	1118 PSIG @ 560°F
NB	NUCLEAR BOILER	1	1124 PSIG to 1550 PSIG @ 560°F to 575°F

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## **SECTION 2.0**

### **SUMMARY OF CLASS 1 EXAMINATIONS**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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<u>System Abbrev.</u>	<u>System</u>	<u>ASME Class</u>	<u>Design Temperature and Pressure</u>
PSN	PRIMARY STEAM NUCLEAR	1	1118 PSIG @ 560°F
RCC	REACTOR BUILDING CLOSED COOLING WATER	2	50 PSIG to 200 PSIG @ 120°F to 390°F
RCI	REACTOR COOLANT INJECTION	2	1550 PSIG @ 425°F
RCR	REACTOR RECIRCULATION LOOPS	1	1124 PSIG to 1550 PSIG @ 560°F TO 563°F
RHR	RESIDUAL HEAT REMOVAL	1	1326 PSIG to 1750 PSIG @ 150°F to 562°F
		2	50 PSIG to 460 PSIG @ 105°F to 452°F
RPV	REACTOR PRESSURE VESSEL	1	1124 PSIG to 1550 PSIG @ 560°F to 575°F
RWC	REACTOR WATER CLEANUP	1	1124 PSIG to 1550 PSIG @ 560°F to 563°F
SLC	STANDBY LIQUID CONTROL	1	1150 PSIG to 1550 PSIG @ 563°F
SW	SERVICE WATER	3	80 PSIG to 150 PSIG @ 105°F

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**2.0 SUMMARY OF CLASS 1 EXAMINATIONS**

<u>Category</u>	<u>Item No.</u>	<u>System</u>	<u>Description</u>
B-A	B1.21T	RPV	1 RPV circumferential top head weld
	B1.40	RPV	1 RPV flange to head weld
B-DB	B3.100	RPV	5 RPV nozzles - inner radius
	B3.90	RPV	1 RPV nozzle to vessel weld
B-F	B5.10	RCR CS	4 safe-end to nozzle welds
	B5.130	CS	1 transition piece to safe-end weld
	B5.150	RWC	1 piping weld
	B5.20	RPV	3 nozzle to safe-end welds
B-G-1	B6.180	RCR	16 pump studs
	B6.200	RCR	16 pump nuts and adjacent flange surface at studs
B-H	B8.10	RPV	1 lug weld
			1 skirt to vessel weld
B-J	B9.11	CS	30 various piping welds. 8 components examined were longitudinal welds on the Recirc and Main Steam Systems. 5 of the components were examined per Relief Request 1, Inaccessible Penetration Welds (Penetrations X7A, X7B, X9B, X11, X13B).
		FW	
		HP	
		MS	
		RCI	
		RCR	
		RHR RWC	
	B9.21	MS	5 various piping welds.
		RCI	
		SLC	
	B9.31	MS	1 piping weld.

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<u>Category</u>	<u>Item No.</u>	<u>System</u>	<u>Description</u>
B-J (Continued)	B9.40	RCR RPV RWC SLC	15 various piping welds.
B-K-1	B10.10	CS FW HP MS RCR SLC	10 piping integral attachment welds.
	B10.20	RCR	2 recirc pump hanger lugs
B-N-1	B13.10	RPV	1 reactor vessel interior surface exam
B-O	B14.10	CRD	2 CRD housing welds



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## **SECTION 3.0**

### **SUMMARY OF CLASS 2 EXAMINATIONS**

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3.0 SUMMARY OF CLASS 2 EXAMINATIONS

<u>Category</u>	<u>Item No.</u>	<u>System</u>	<u>Description</u>
C-A	C1.10	RHR	1 circumferential shell weld
C-C	C3.10	RHR	1 heat exchanger weld
C-F-2	C5.51	CRD	22 various piping welds
		CS	
		HP	
		MS	
		RHR	
	C5.81	RHR	1 piping weld

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## **SECTION 4.0**

### **SUMMARY OF SUPPORT EXAMINATIONS**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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**4.0 SUMMARY OF COMPONENT SUPPORT EXAMINATIONS**

**4.1 ASME Section XI Support Examinations (IWF-Credit)**

- 4.1.1 VT-3 and/or VT-4 examinations performed on various systems and component supports.

Category F-A 11

Category F-B 39

Category F-C 40

- 4.1.2 Snubber visual examination and functional testing for ASME Section XI IWF-5000 is satisfied by BSEP'S Technical Specification required testing. This frequency exceeds ASME Section XI IWF-5000 frequency. An additional three ASME non-Technical Specification snubbers were functionally tested per IWF-5000.

**4.2 Technical Specification Examinations**

- 4.2.1 VT-3 and VT-4 examinations were performed on various systems' hydraulic snubbers.

Category F-C 181

- 4.2.2 Fifty-five safety related Technical Specification snubbers were selected randomly and functionally tested with satisfactory results. Three ASME classed snubbers were functionally tested with satisfactory results.

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## **SECTION 5.0**

### **SUMMARY OF PRESSURE TESTING INTERVAL 2 - PERIOD 3**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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**5.0 SUMMARY OF PRESSURE TESTING**

CP&L notified the NRC by letter (NLS-92-300) dated December 22, 1993 of use of ASME Code Case N-498.

CP&L has been granted relief (Relief Request #10) from the hydrostatic pressure testing as detailed in IWA-4000 of the 1980 Edition through the Winter 1981 Addenda of ASME Section XI for certain Class 2 welded repairs. As detailed in the Relief Request, a System Leakage Test was performed to these welded repairs.

**5.1 SUMMARY OF CLASS 1 PRESSURE TESTING**

<u>Procedure</u>	<u>Test Type</u>	<u>Test Date</u>	<u>Description/System</u>
PT-80.1	INSERVICE	5/10/95	REACTOR PRESSURE VESSEL HYDROSTATIC TEST
PT-80.2	LEAKAGE	5/17/95	CLASS 1 CONDITIONAL SYSTEM LEAKAGE TEST
PT-6.2.5	HYDROSTATIC (CC N-498)	4/26/95	CLASS 1 STANDBY LIQUID CONTROL 10 YEAR HYDROSTATIC TEST PERFORMED AT NORMAL OPERATING PRESSURE PER CODE CASE N-498

**5.2 SUMMARY OF CLASS 2 PRESSURE TESTING**

<u>Procedure</u>	<u>Test Type</u>	<u>Test Date</u>	<u>Description/System</u>
PT-11.3.1	HYDROSTATIC	5/3/95	CLASS 2 DRYWELL FLOOR AND EQUIPMENT DRAIN 10 YEAR HYDROSTATIC TEST PERFORMED AT NORMAL OPERATING PRESSURE PER CODE CASE N-498
PT-3.1.25	HYDROSTATIC	5/10/95	CLASS 2 REACTOR RECIRCULATION 10 YEAR HYDROSTATIC TEST PERFORMED AT NORMAL OPERATING PRESSURE PER CODE CASE N-498



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5.2 SUMMARY OF CLASS 2 PRESSURE TESTING

<u>Procedure</u>	<u>Test Type</u>	<u>Test Date</u>	<u>Description/System</u>
PT-6.2.5	HYDROSTATIC (CC N-498)	4/26/95	CLASS 2 STANDBY LIQUID CONTROL 10 YEAR HYDROSTATIC TEST PERFORMED AT NORMAL OPERATING PRESSURE PER CODE CASE N-498

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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## **SECTION 6.0**

### **ABSTRACT OF CONDITIONS NOTED AND CORRECTIVE ACTIONS TAKEN**

CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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6.0 ABSTRACT OF CONDITIONS NOTED

6.1 WELD EXAMINATIONS

No Reportable Indications Noted.

6.2 CLASS 1 PRESSURE TESTS

<u>Component(s)</u>	<u>Conditions Noted</u>	<u>Disposition/Corrective Action</u>
Reactor Coolant Pressure Boundary	Leakage (VT-2)	Leakage from various mechanical connections (valve packing, flange connections, etc) was identified and documented and evaluated for repair. No through-wall failures were identified.

6.3 SNUBBER/COMPONENT SUPPORT EXAMINATIONS

<u>Component(s)</u>	<u>Conditions Noted</u>	<u>Disposition/Corrective Action</u>
Various	Loose Locking Devices/Parts, Missing/Leaking Fluid (Snubbers only), Hot/Cold Setting Adjustments, Mechanical Interferences, Rust, Paint, Debris, Improper Thread Engagement, Missing or chipped grout, and original fabrication marks.	Conditions were corrected/dispositioned per Work Request/Job Orders (WR/JOs), Engineering Service Requests (ESRs), and Engineering Evaluations.

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## **SECTION 7.0**

### **PROGRAM STATUS**

**ASME XI CREDIT - IWB, IWC, IWF**

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## **7.1 PROGRAM STATUS FOR IWB AND IWC - ASME XI**

**(INCLUDES PRESSURE TESTING)**

**INTERVAL 2, PERIOD 3**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
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ASME Section XI, 1980 Edition Through and  
Including the Winter 1981 Addenda  
Welds for 81W-02, Interval 2 and Period 3

Category: B-A PRESSURE RETAINING WELDS IN REACTOR VESSEL								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	35	14	9	64.3	5	100.0	100.0	100.0
Total	35	14	9	64.3	5	100.0	100.0	100.0

Category: B-DB FULL PENETRATION WELDS OF NOZZLES IN VESSELS - PROGRAM B (Note 1)								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	70	70	28	40.0	42	100.0	100.0	100.0
Total	70	70	28	40.0	42	100.0	100.0	100.0

Category: B-E PRESSURE RETAINING PARTIAL PENETRATION WELDS IN VESSELS (Note 2)								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	181	47	181	385.1	181	770.2	100.0	100.0
CRD	137	35	137	391.4	137	782.1	100.0	100.0
Total	318	82	318	387.8	318	775.6	100.0	100.0



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Category: B-F PRESSURE RETAINING PARTIAL DISSIMILAR METAL WELDS								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CRD	1	1	1	100.0	0	100.0	100.0	100.0
CS	4	4	2	50.0	2	100.0	100.0	100.0
SLC	1	1	1	100.0	0	100.0	100.0	100.0
RCR	13	13	6	46.1	7	100.0	100.0	100.0
RPV	6	6	5	83.4	1	100.0	100.0	100.0
JPI	2	2	2	100.0	0	100.0	100.0	100.0
FW	8	8	8	100.0	0	100.0	100.0	100.0
RHR	2	2	2	100.0	0	100.0	100.0	100.0
RWC	2	2	2	100.0	0	100.0	100.0	100.0
Total	39	39	29	74.4	10	100.0	100.0	100.0

Category: B-G-1 PRESSURE RETAINING BOLTS GREATER THAN TWO INCHES IN DIAMETER (Note 3)								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	320	320	0	0.0	320	100.0	100.0	100.0
RCR	36	36	35	97.2	1	100.0	100.0	100.0
Total	356	356	35	9.8	321	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 155i, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

Category: B-G-2 PRESSURE RETAINING BOLTS TWO INCHES AND LESS IN DIAMETER

<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	1	1	1	100.0	0	100.0	100.0	100.0
MS	31	31	20	64.5	11	100.0	100.0	100.0
PCR	14	14	9	64.3	5	100.0	100.0	100.0
RHR	3	3	2	66.7	1	100.0	100.0	100.0
CS	2	2	2	100.0	0	100.0	100.0	100.0
FW	2	2	1	50.0	1	100.0	100.0	100.0
HP	1	1	0	0.0	1	100.0	100.0	100.0
RCI	3	3	2	66.6	1	100.0	100.0	100.0
RWC	1	1	0	0.0	1	100.0	100.0	100.0
SLC	1	1	1	100.0	0	100.0	100.0	100.0
CRD	137	137	137	100.0	0	100.0	100.0	100.0
Total	196	196	175	89.3	21	100.0	100.0	100.0

Category: B-H INTEGRAL ATTACHMENTS FOR VESSELS

<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	7	7	6	85.7	1	100.0	100.0	100.0
Total	7	7	6	85.7	1	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

Category: B-J PRESSURE RETAINING WELDS IN PIPING								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CS	49	13	9	69.2	2	84.6	100.0	100.0
FW	83	21	23	109.5	0	109.5	100.0	100.0
HP	35	9	8	88.9	0	88.9	100.0	100.0
JPI	2	1	0	0.0	0	0.0	100.0	100.0
MS	123	32	29	90.6	0	90.6	100.0	100.0
RCI	37	10	9	90.0	1	100.0	100.0	100.0
RCR	162	43	32	74.4	12	102.3	100.0	100.0
RHR	44	12	11	91.7	1	100.0	100.0	100.0
RPV	32	8	9	112.5	0	112.5	100.0	100.0
RWC	47	13	9	69.2	2	84.6	100.0	100.0
SLC	38	10	9	90.0	0	90.0	100.0	100.0
Total	652	163	148	90.8	18	101.8	100.0	100.0

Category: B-K-1 INTEGRAL ATTACHMENTS FOR PIPING, PUMPS, AND VALVES								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CS	2	2	2	100.0	0	100.0	100.0	100.0
FW	6	6	6	100.0	0	100.0	100.0	100.0
HP	3	3	3	100.0	0	100.0	100.0	100.0
MS	4	4	3	75.0	1	100.0	100.0	100.0
RCI	1	1	1	100.0	0	100.0	100.0	100.0
RCR	23	23	20	87.0	3	100.0	100.0	100.0
RWC	1	1	1	100.0	0	100.0	100.0	100.0
SLC	1	1	1	100.0	0	100.0	100.0	100.0
Total	41	41	37	90.2	4	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

Category: B-L-2		PUMP CASINGS (Note 4)						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RCR	2	2	0	0.0	0	0.0	0.0	100.0
Total	2	2	0	0.0	0	0.0	0.0	100.0

Category: B-M-2		VALVE BODIES (Note 5)						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CS	8	3	2	66.7	0	66.7	0.0	100.0
FW	6	3	3	100.0	0	100.0	0.0	100.0
HP	4	2	4	200.0	0	200.0	0.0	100.0
MS	18	2	4	200.0	0	200.0	0.0	100.0
RCR	6	4	0	0.0	0	0.0	0.0	100.0
RHR	11	2	6	300.0	0	300.0	0.0	100.0
RWC	3	2	2	100.0	0	100.0	0.0	100.0
Total	56	18	21	116.7	0	116.7	0.0	100.0

Category: B-V-1		REACTOR VESSEL INTERIOR						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	5	5	4	80.0	1	100.0	100.0	100.0
Total	5	5	4	80.0	1	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

Category: B-N-2 RV INTEGRALLY WELDED CORE SUPPORTS AND ATTACHMENTS (BWR) (Note 3)								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RPV	3	3	0	0.0	3	100.0	100.0	100.0
Total	3	3	0	0.0	3	100.0	100.0	100.0

Category: B-O PRESSURE RETAINING WELDS IN CONTROL ROD HOUSING								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CRD	72	8	7	87.5	1	100.0	100.0	100.0
Total	72	8	7	87.5	1	100.0	100.0	100.0

Category: C-A PRESSURE RETAINING WELDS IN PRESSURE VESSELS								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RHR	6	3	3	100.0	0	100.0	100.0	100.0
Total	6	3	3	100.0	0	100.0	100.0	100.0

Category: C-B PRESSURE RETAINING NOZZLE WELDS IN VESSELS								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
RHR	8	4	4	100.0	0	100.0	100.0	100.0
Total	8	4	4	100.0	0	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

Category: C-C		INTEGRAL ATTACHMENTS FOR VESSELS, PIPING, PUMPS, AND VALVES						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CS	4	4	0	0.0	4	100.0	100.0	100.0
HP	5	5	1	20.0	4	100.0	100.0	100.0
MS	4	4	3	75.0	1	100.0	100.0	100.0
RHR	23	19	13	68.4	6	100.0	100.0	100.0
Total	36	32	17	53.1	15	100.0	100.0	100.0

Category: C-D		PRESSURE RETAINING BOLTS GREATER THAN TWO INCHES IN DIAMETER						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
HP	17	17	10	58.8	7	100.0	100.0	100.0
Total	17	17	10	58.8	7	100.0	100.0	100.0

Category: C-F-2		PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING (Note 6)						
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<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date (%)</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled (%)</u>	<u>Minimum Required (%)</u>	<u>Maximum Allowed (%)</u>
CRD	39	3	3	100.0	0	100.0	100.0	100.0
CS	108	9	7	77.70	1	88.80	100.0	100.0
HP	127	10	10	100.0	1	110.0	100.0	100.0
MS	175	14	13	92.9	2	107.1	100.0	100.0
RCI	6	1	0	0.0	0	0.05	100.0	100.0
RHR	387	30	33	110.0	4	123.3	100.0	100.0
Total	842	67	66	98.5	8	110.4	100.0	100.0



**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

NOTES FOR WELDS FOR 81W-02, INTERVAL 2 AND PERIOD 3

- Note 1: Partial deferral of inspection to end of interval is permitted.
- Note 2: The required VT-2 visual examination is performed during the Class 1 leakage test. For efficiency due to close proximity of the examination areas, the examination areas are examined and credited at once thus creating the high percentages.
- Note 3: Deferral of inspection to end of interval is permitted.
- Note 4: The required VT-3 visual examinations are limited to one pump within each group of pumps in a system when disassembled for maintenance. Disassembly for maintenance has not occurred this interval thus creating the low percentages. (Relief Request #4)
- Note 5: The required VT-3 visual examinations are limited to one valve within each group of valves in a system when disassembled. Previous practice examined and credited more than one valve within each group of valves in a system thus creating the high percentages. (Relief Request #3)
- Note 6: Too many examinations were scheduled during the second inspection period, so additional examinations were scheduled for the third inspection period thus creating the high percentages.

7.1.1 The status of Category B-P and C-H for the current interval is as follows:

- Category B-P: The required pressure tests have been completed as required by Table IWB-2500-1.
- Category C-H: 23% (3/13) of the required pressure tests have been completed for the third period, and 14% (3/22) of the required pressure tests have been completed for the second interval as required by Table IWC-2500-1.

CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)

## **7.2 PROGRAM STATUS FOR IWF - ASME XI**

### **INTERVAL 2, PERIOD 3**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

ASME Section XI, 1980 Edition Through and  
Including the Winter 1981 Addenda  
Supports for 81W-02, Interval 2 and Period 3

**Category : F-A PLATE AND SHELL TYPE SUPPORTS**

<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date %</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled %</u>	<u>Minimum Required %</u>	<u>Maximum Allowed %</u>
CS	4	4	4	100.0	0	100.0	100.0	100.0
HP	3	3	3	100.0	0	100.0	100.0	100.0
MS	9	9	9	100.0	0	100.0	100.0	100.0
NB	12	12	11	91.6	1	100.0	100.0	100.0
RCI	1	1	1	100.0	0	100.0	100.0	100.0
RHR	12	12	11	91.6	1	100.0	100.0	100.0
RWC	1	1	1	100.0	0	100.0	100.0	100.0
SLC	1	2	2	100.0	0	100.0	100.0	100.0
SW	6	6	5	83.3	1	100.0	100.0	100.0
Total	49	49	46	93.8	3	100.0	100.0	100.0

**Category: F-B LINEAR TYPE SUPPORTS**

<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date %</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled %</u>	<u>Minimum Required %</u>	<u>Maximum Allowed %</u>
CRD	32	32	29	90.6	3	100.0	100.0	100.0
CS	4	4	4	100.0	0	100.0	100.0	100.0
HP	30	30	26	86.6	4	100.0	100.0	100.0
MS	14	14	13	92.8	1	100.0	100.0	100.0
NB	107	107	107	100.0	0	100.0	100.0	100.0
RCI	12	12	11	91.6	1	100.0	100.0	100.0
RCR	6	6	5	83.3	1	100.0	100.0	100.0
RHR	118	118	99	83.9	19	100.0	100.0	100.0
RWC	7	7	7	100.0	0	100.0	100.0	100.0
SLC	2	2	2	100.0	0	100.0	100.0	100.0
SW	94	94	71	75.5	23	100.0	100.0	100.0
Total	426	426	374	87.8	52	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

ASME Section XI, 1980 Edition Through and  
Including the Winter 1981 Addenda  
Supports for 81W-02, Interval 2 and Period 3

Category: F-C COMPONENT STANDARD SUPPORTS								
<u>System</u>	<u>Total Components</u>	<u>Total Requiring Examination</u>	<u>Examined To Date</u>	<u>Examined To Date %</u>	<u>Scheduled To Be Examined</u>	<u>Examined &amp; Scheduled %</u>	<u>Minimum Required %</u>	<u>Maximum Allowed %</u>
CS	8	8	8	100.0	0	100.0	100.0	100.0
HP	20	20	17	85.0	3	100.0	100.0	100.0
MS	37	37	34	91.8	3	100.0	100.0	100.0
NB	43	43	39	90.7	4	100.0	100.0	100.0
RCI	5	5	5	100.0	0	100.0	100.0	100.0
RCR	21	21	18	85.7	3	100.0	100.0	100.0
RHR	70	70	58	82.8	12	100.0	100.0	100.0
RWC	5	5	4	80.0	1	100.0	100.0	100.0
SLC	4	4	3	75.0	1	100.0	100.0	100.0
SW	9	9	9	100.0	0	100.0	100.0	100.0
Total	222	222	195	87.8	27	100.0	100.0	100.0

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

## **SECTION 8.0**

### **INSPECTION REPORTS**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

**8.1 IWB AND IWC PROGRAM  
INSPECTION REPORTS**



Carolina Power & Light Company  
Brunswick Steam Electric Plant (BSEP) - Unit 1  
CP&L, POB 1551, RALEIGH, NC 27602  
BSEP, POB 10429, SOUTHPORT, NC 28461  
UNIT 1 COMMERCIAL SERVICE DATE 03/17/77 RPV NB3901  
Welds

Page: 1  
Date: 07/25/1995  
Revision: 00

Exam Requirement : 81W-02      Outage : 2-3-09  
Interval : 2      Period : 3

Category : B-A      PRESSURE RETAINING WELDS IN REACTOR VESSEL  
Item No. : B1.11      RV CIRCUMFERENTIAL SHELL WELDS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
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No exams were credited for Item Number B1.11 during this outage.

Carolina Power & Light Company  
 Brunswick Steam Electric Plant (BSEP) - Unit 1  
 CP&L, POB 1551, RALEIGH, NC 27602  
 BSEP, POB 10429, SOUTHPORT, NC 28461  
 UNIT 1 COMMERCIAL SERVICE DATE 03/17/77 RPV NB3901  
 Welds

Page: 2  
 Date: 07/25/1995  
 Revision: 00

Exam Requirement : 81W-02      Outage : 2-3-09  
 Interval : 2      Period : 3

Category : B-A      PRESSURE RETAINING WELDS IN REACTOR VESSEL  
 Item No. : B1.21T      RV CIRCUMFERENTIAL TOP HEAD WELDS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
2-1	RPV	1B11-RPV-B3	WCHW	C533-1	C533-1	D50011								
							045-B	W-00	04/27/1995	PASS	Y		NO INDIC	NO RESOL
							045-B	UT-45S	04/27/1995	PASS	Y		NO INDIC	NO RESOL
							045-B	UT-60S	04/27/1995	PASS	Y		NO INDIC	NO RESOL
							MT		04/26/1995	PASS	Y		NO INDIC	NO RESOL

Carolina Power & Light Company  
 Brunswick Steam Electric Plant (BSEF) - Unit 1  
 CP&L, POB 1551, RALEIGH, NC 27602  
 BSEP, POB 10429, SOUTHPORT, NC 28461  
 UNIT 1 COMMERCIAL SERVICE DATE 03/17/77 RPV NB3901  
 Welds

Page: 3  
 Date: 07/25/1995  
 Revision: 00

Exam Requirement : 81W-02      Outage : 2-3-09  
 Interval : 2      Period : 3

Category : B-A      PRESSURE RETAINING WELDS IN REACTOR VESSEL  
 Item No. : B1.40      RV HEAD-TO-FLANGE WELD

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
2-1	RPV	1B11-RPV-C3	WPTHW	C508-1	C533-1	D50011									
							045-B	UT-60	04/27/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/26/1995	PASS	Y			NO INDIC	NO RESOL
							045-B	UT-45S	04/27/1995	PASS	Y			NO INDIC	NO RESOL
							045-B	UT-00	04/27/1995	PASS	Y			NO INDIC	NO RESOL

Carolina Power & Light Company  
 Brunswick Steam Electric Plant (BSEP) - Unit 1  
 CP&L, POB 1551, RALEIGH, NC 27602  
 BSEP, POB 10429, SOUTHPORT, NC 28461  
 UNIT 1 COMMERCIAL SERVICE DATE 03/17/77 RPV NB3901

Page: 4  
 Date: 07/25/1995  
 Revision: 00

## Welds

Exam Requirement : 81W-02 Outage : 2-3-09  
 Interval : 2 Period : 3

Category : B-DB FULL PENETRATION WELDS OF NOZZLES IN VESSELS - PROGRAM B  
 Item No. : B3.100 RV NOZZLE INSIDE RADIUS SECTION - PROGRAM B

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication
				A	B		Standard							Resolution
1-1	RPV	1B11-RPV-N2E-IRS	WNIR	C508-1		D50011								
							057-B	UT-RVN	05/17/1995	PASS	Y		NO INDIC	NO RESOL
1-1	RPV	1B11-RPV-N4A-IRS	WNIR	C508-1		D50011								
							047-B	UT-IR	05/08/1995	PASS	Y		NO INDIC	NO RESOL
1-1	RPV	1B11-RPV-N4B-IRS	WNIR	C508-1		D50011								
							047-B	UT-IR	05/08/1995	PASS	Y		NO INDIC	NO RESOL
1-1	RPV	1B11-RPV-N4C-IRS	WNIR	C508-1		D50011								
							047-B	UT-IR	05/08/1995	PASS	Y		NO INDIC	NO RESOL
1-1	RPV	1B11-RPV-N4D-IRS	WNIR	C508-1		D50011								
							047-B	UT-IR	05/08/1995	PASS	Y		NO INDIC	NO RESOL

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Category : B-DB      FULL PENETRATION WELDS OF NOZZLES IN VESSELS - PROGRAM B  
Item No. : B3.90      RV NOZZLE-TO-VESSEL WELDS - PROGRAM B

ISI Drawing	System	Component Number	Component Description	Material A      B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI   TS	Relief Request	Indication Type	Indication Resolution
1-1	RPV	1B11-RPV-N2E	WNTVW	C508-1 C533-1	D50011	047-B	UT-RVN	05/17/1995	PASS	Y		NO INDIC	NO RESOL

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Category : B-F PRESSURE RETAINING DISSIMILAR METAL WELDS  
 Item No. : B5.10 RV NOZZLE-TO-SAFE END BUTT WELDS, NPS >= 4 INCHES

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Type	Indication Resolution
21-1	RCR	1B11N2C-RPV-FWABA	WSE WNOZ	H182-5	C508-1	D250181B		PT	04/29/1995	PASS	Y		NO INDIC	NO RESOL
							115-B	UT-45S	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-60L	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-45L	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
21-1	RCR	1B11N2D-RPV-FWABA	WSE WNOZ	H182-5	C508-1	D250181B		UT-60L	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-45S	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													BEAM REDIR	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
								PT	04/29/1995	PASS	Y		NO INDIC	NO RESOL
							115-B	UT-45L	04/30/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
22-1	RCR	1B11N2G-RPV-FWABA	WSE WNOZ	H182-5	C508-1	D250482A		UT-60L	05/03/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-45L	05/02/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
								PT	04/30/1995	PASS	Y		NO INDIC	NO RESOL
							115-B	UT-45S	05/02/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
35-1	CS	1B11N5A-RPV-FWRNA16A	WSE WNOZ	H182-5	C508-1	D2502402		UT-45S	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-45S	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK



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Category : B-F      PRESSURE RETAINING DISSIMILAR METAL WELDS  
 Item No. : B5.10      RV NOZZLE-TO-SAFE END BUTT WELDS, NPS >= 4 INCHES

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
35-1	CS	1B11N5A-RPV-FWRNA16A	WSE WNOZ	H182-5	C508-1	D2502402		PT	04/23/1995	PASS	Y		NO INDIC	NO RESOL
							115-B	UT-60L	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							115-B	UT-45L	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK

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Category : B-F PRESSURE RETAINING DISSIMILAR METAL WELDS  
 Item No. : B5.130 NOMINAL PIPE SIZE  $\geq$  4 IN. DISSIMILAR METAL PIPING BUTT WELD

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
35-1	CS	1E21FF-4-FW1E2180	PC,TRS WSE	C350-2	H182-5	D250402	054-B	UT-45S	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							054-B	UT-60L	04/28/1995	PASS	Y		BEAM REDIR	REF ONLY, OK
								PT	04/25/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							055-B	UT-60L	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							055-B	UT-45L	04/28/1995	PASS	Y		NO INDIC	NO RESOL
													GEOMETRIC	REF ONLY, OK
							054-B	UT-45L	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
							055-B	UT-45S	04/28/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													BEAM REDIR	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK

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Category : B-F      PRESSURE RETAINING DISSIMILAR METAL WELDS  
Item No. : B5.150      DISSIMILAR METAL PIPING SOCKET WELDS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
49-1	RWC	1G31A1-16-FWRWCUC153	PSW,T PSW,P	C106-1	H312-1	D25027		PT	05/09/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-P      PRESSURE RETAINING DISSIMILAR METAL WELDS  
 Item No. : B5.20      RV NOZZLE-TO-SAFE END BUTT WELDS, NPS < 4 INCHES

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
15-1	RPV	1B11N11A-RPV-SWAB	WNOZ PC,SE	C508-1	H336-1	D250222A		PT	04/23/1995	PASS	Y			NO INDIC	NO RESOL
16-1	RPV	1B11N11B-RPV-SWAB	WNOZ PC,SE	C508-1	H336-1	D250203A		PT	04/23/1995	PASS	Y			NO INDIC	NO RESOL
16-1	RPV	1B11N16B-RPV-SWAB	WNOZ PC,SE	C508-1	H336-1	D250203A		PT	04/26/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-G-1 PRESSURE RETAINING BOLTS GREATER THAN TWO INCHES IN DIAMETER  
 Item No. : B6.180 PUMP BOLTS AND STUDS (> 2")

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
25-1	RCR	1B32-ST-A-01	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-02	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-03	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-04	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-05	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-06	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-07	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-08	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-09	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-10	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-11	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-G-1 PRESSURE RETAINING BOLTS GREATER THAN TWO INCHES IN DIAMETER  
 Item No. : B6.180 PUMP BOLTS AND STUDS (> 2")

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
25-1	RCR	1B32-ST-A-12	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y		NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-13	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y		NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-14	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y		NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-15	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y		NO INDIC	NO RESOL
25-1	RCR	1B32-ST-A-16	BSTUD	C-		D250181B	026-B	UT-00	04/28/1995	PASS	Y		NO INDIC	NO RESOL



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Category : B-G-1      PRESSURE RETAINING BOLTS GREATER THAN TWO INCHES IN DIAMETER  
 Item No. : B6.200      PUMP NUTS, BUSHINGS, AND WASHERS      (> 2")

ISI Drawing	System	Component Number	Component	Material		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication	Indication
			Description	A	B									Type	Resolution
25-1	RCR	1B32-NT-A-(1-16)	BNUT	C-		D250181B									
								VT-1	04/25/1995	PASS	Y			NO INDIC	NO RESOL
25-1	RCR	1B32-PUMPA-FLGSURFACE	BLIG	H351-2		D250181B									
								VT-1	04/25/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-H INTEGRAL ATTACHMENTS FOR VESSELS  
 Item No. : B8.10 RV INTEGRALLY WELDED ATTACHMENTS

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
5-1	RPV	1B11-RPV-LUG225	WI, LUG	C-	C508-1	FP5098,560		MT	04/23/1995	PASS	Y			NO INDIC	NO RESOL
5-1	RPV	1B11-RPV-SKIRT240-360	WI, STVW	C533-1	C533-1	D50011		MT	04/12/1995	PASS	Y			NO INDIC	NO RESOL
							045-BR	UT-00	04/23/1995	PASS	Y			NO INDIC	NO RESOL
							045-BR	UT-45S	04/23/1995	PASS	Y			NO INDIC	NO RESOL
							045-BR	UT-60S	04/23/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-J PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11 CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
13-1	FW	1B21-1-X9APW5A	PC, PIPE PC, VLV	C333-1	C216-1	D250211C	017-B	UT-45S	05/03/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
								MT	05/03/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													NO INDIC	NO RESOL
13-1	FW	1B213-1-3-SWC	PC, PIPE PC, PIPE	C333-1	C333-1	D250211C	059-B	UT-45S	05/04/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
								MT	05/04/1995	PASS	Y		NO INDIC	NO RESOL
13-1	FW	1B213-1-3-SWD	PC, PIPE PELBOW	C333-1	C234-1	D250211C		MT	04/27/1995	PASS	Y		NO INDIC	NO RESOL
							059-B	UT-45S	04/28/1995	PASS	Y		GEOMETRIC	NO RESOL
13-1	FW	1B213-2-3-PWRFWA4	PELBOW PELBOW	C234-1	C234-1	D250211C		MT	04/27/1995	PASS	Y		NO INDIC	NO RESOL
							059-B	UT-45S	04/27/1995	PASS	Y		GEOMETRIC	NO RESOL
14-1	FW	1B214-2-4-SWD	PELBOW PC, PIPE	C234-1	C333-1	D250211C		MT	04/29/1995	PASS	Y		NO INDIC	NO RESOL
							017-B	UT-45S	04/29/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
14-1	FW	1B216-3-6-PWRN3A	PC, PIPE PC, PIPE	C333-1	C508-4	D250211C	059-B	UT-45S	04/23/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/23/1995	PASS	Y		NO INDIC	NO RESOL
							059-B	UT-45S	04/25/1995	PASS	Y		NO INDIC	NO RESOL
14-1	FW	1B216-3-6-SWB	PELBOW PC, PIPE	C234-1	C333-1	D250211C	059-B	UT-45S	04/23/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/23/1995	PASS	Y		NO INDIC	NO RESOL

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Category : B-J PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11 CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
19-1	RCR	1B32RECIRC-28-A-10	PC,PIPE PELBOW	H358-1	H403-1	D250181A		PT	05/04/1995	PASS	Y			NO INDIC	NO RESOL
							009-BR	UT-45S	05/04/1995	PASS	Y			NO INDIC	NO RESOL
19-1	RCR	1B32RECIRC-28-A-7	PC,PIPE PELBOW	H358-1	H403-1	D250181A		PT	05/04/1995	PASS	Y			NO INDIC	NO RESOL
							009-BR	UT-45S	05/04/1995	PASS	Y			NO INDIC	NO RESOL
20-1	RCR	1B32RECIRC-28-B-15	PELBOW PC,PIPE	H403-1	H358-1	D250482A		PT	04/30/1995	PASS	Y			NO INLC	NO RESOL
							009-BR	UT-45S	05/01/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
														GEOMETRIC	REF ONLY, OK
														GEOMETRIC	REF ONLY, OK
														BEAM REDIR	REF ONLY, OK

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 Item No. : B9.11      CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
20-1	RCR	1B32RECIRC-4-B-6	PBCC,T PC,VLV	H403-2	H351-3	D250482A	051-B	UT-45S	04/27/1995	PASS	Y		NO INDIC	NO RESOL
								PT	04/24/1995	PASS	Y		NO INDIC	NO RESOL
20-1	RCR	1B32RECIRC-4-B-7	PC,VLV PC,PIPE	H351-3	H312-2	D250482A		PT	04/25/1995	PASS	Y		NO INDIC	NO RESOL
							051-B	UT-45S	04/27/1995	PASS	Y		GEOMETRIC	REF ONLY, OK



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Category : B-J      PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11      CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE  $\geq$  4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
30-1	RHR	1E1175-118-FW104	PC,PIPE PC,PIPE	C106-1	C106-1	D250262B	066-B	UT-45S	04/15/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							066-B	UT-00	04/15/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/15/1995	PASS	Y		NO INDIC	NO RESOL
30-1	RHR	1E1176-118-FW105	PC,PIPE PC,PIPE	C106-1	C106-1	D250262B		MT	04/15/1995	PASS	Y		NO INDIC	NO RESOL
							066-B	UT-00	04/15/1995	PASS	Y		NO INDIC	NO RESOL
							066-B	UT-45S	04/15/1995	PASS	Y		GEOMETRIC	NO RESOL
30-1	RHR	1E1187-3-87-FWRHRB2	PELBOW PC,VLV	C234-1	C216-1	D250262B	066-B	UT-00	04/30/1995	PASS	Y		NO INDIC	NO RESOL
							066-B	UT-45S	04/30/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/30/1995	PASS	Y		NO INDIC	NO RESOL
35-1	CS	1E213-1-3-FWCSA6	PC,VLV PELBOW	C216-2	C234-1	D2502402		MT	04/17/1995	PASS	Y		NO INDIC	NO RESOL
							013-B	UT-45S	04/06/1995	PASS	Y		GEOMETRIC	REF ONLY, OK



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 Interval : 2      Period : 3

Category : B-J      PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11      CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
36-1	CS	1B21PF-8-FW1CS19	PELBOW PC,PIPE	C-	C333-1	D2502401	013-B	UT-45S	04/26/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
								MT	04/25/1995	PASS	Y			NO INDIC	NO RESOL
39-1	HP	1E413-1-3-FW1E41328	PC,PIPE PC,PIPE	C333-1	C333-1	D2502301		MT	04/10/1995	PASS	Y			NO INDIC	NO RESOL
							016-B	UT-45S	05/07/1995	PASS	Y			GEOMETRIC	NO RESOL
40-1	HP	1E414-5-4-FWHPCIA2	PELBOW PC,PIPE	C234-1	C333-1	D2502301	014-B	UT-45S	05/01/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
								MT	04/30/1995	PASS	Y			NO INDIC	NO RESOL
40-1	HP	1E414-6-4-FWHPCIA1-1	PELBOW PELBOW	C234-1	C234-1	D2502301	014-B	UT-45S	05/01/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/30/1995	PASS	Y			NO INDIC	NO RESOL
43-1	RCI	1E513-3-3-FWRCICB3	PELBOW PC,PIPE	C234-1	C106-1	D2502901		MT	04/19/1995	PASS	Y			NO INDIC	NO RESOL
							012-B	UT-45S	04/11/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
43-1	RCI	1E513-4-3-FWRCICB4	PC,PIPE PELBOW	C106-1	C234-1	D2502901		MT	04/19/1995	PASS	Y			NO INDIC	NO RESOL
							012-B	UT-45S	04/11/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-J      PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11      CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE  $\geq$  4 IN.

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
6-1	MS	1B21PS2A4-24-FWA4	PELBOW PC,PIPE	C234-1	C106-1	D250211B		MT	05/03/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	05/03/1995	PASS	Y			NO INDIC	NO RESOL
7-1	MS	1B21PS2B3-24-FWB3	PC,PB PELBOW	C106-1	C234-1	D250211B		UT-45S	04/28/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
							019-B	PT	04/27/1995	PASS	Y			NO INDIC	NO RESOL
7-1	MS	1B21PS2B3-24-SWA	PELBOW PC,PIPE	C234-1	C106-1	D250211B		UT-45S	04/28/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
							019-B	MT	04/27/1995	PASS	Y			NO INDIC	NO RESOL
7-1	MS	1B21PS2B3-6-SWJ	PBC,SWP PC,PIPE	C234-1	C106-1	D250211B		MT	04/27/1995	PASS	Y			NO INDIC	NO RESOL
							021-B	UT-45S	04/27/1995	PASS	Y			NO INDIC	NO RESOL
8-1	MS	1B21PS2C2-24-SWC	PC,PIPE PC,PIPE	C106-1	C106-1	D250211A		PT	05/01/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	04/27/1995	PASS	Y			NO INDIC	NO RESOL

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Category : B-J PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.11 CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI IS	Relief Request	Indication Type	Indication Resolution
8-1	MS	1B21PS2C4-24-SWE	PC.PIPE PC.PIPE	C106-1 C106-1	D250211A	019-B	MT UT-45S	04/30/1995 05/01/1995	PASS PASS	Y Y		NO INDIC NO INDIC	NO RESOL NO RESOL
9-1	MS	1B21PS2D5-24-SWB	PC.PIPE ELBOW	C106-1 C234-1	D250211A	019-B	MT UT-45S	05/01/1995 05/01/1995	PASS PASS	Y Y		NO INDIC NO INDIC	NO RESOL NO RESOL
9-1	MS	1B21PS2D5-24-SWC	ELBOW PC.PIPE	C234-1 C106-1	D250211A	019-B	UT-45S MT	04/29/1995 04/29/1995	PASS PASS	Y Y		NO INDIC NO INDIC	NO RESOL NO RESOL

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Category : B-J      PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.21      CIRCUMFERENTIAL WELDS IN PIPING, NOMINAL PIPE SIZE < 4 IN.

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief 7s Request	Indication Type	Indication Resolution
10-1	MS	1B2140-1-40-SWD	PBCC,T PBCC,T	C234-1	C234-1	D250211B		MT	04/29/1995	PASS	Y		NO INDIC	NO RESOL
27-1	SLC	1C41A1-9-FW'13	PBCC,T PC,SE	H182-1	H336-1	D2504701		PT	04/25/1995	PASS	Y		NO INDIC	NO RESOL
44-1	RCI	1B21PS2C2-4-FWC18	PBC,W PC,PIPE	C105-1	C106-1	D2502901		MT	04/27/1995	PASS	Y		NO INDIC	NO RESOL
44-1	RCI	1E514-5-4-FWRCICC3	PELBOW PC,PIPE	C234-1	C106-1	D2502901		MT	05/01/1995	PASS	Y		NO INDIC	NO RESOL
44-1	RCI	1E514-5-4-FWRCICC4A	PC,PIPE PC,VLV	C106-1	C216-1	D2502901		PT	05/01/1995	PASS	Y		NO INDIC	NO RESOL

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Exam Requirement : 81W-02 Outage : 2-3-09  
 Interval : 2 Period : 3

Category : B-J PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.31 BRANCH PIPE CONNECTION WELDS, NOMINAL PIPE SIZE >= 4 IN.

ISI Drawing	System	Component Number	Component Description	Material A B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI IS	Relief Request	Indication	
												Type	Resolution
7-1	MS	1B21PS2B1-24-SWH	PC PIPE PBC SWP	C106-1	C214-1	D250211B	MT	04/27/1995	PASS	Y		NO INDIC	NO RESOL
				C19-B			UT-45S	04/28/1995	PASS	Y		NO INDIC	NO RESOL



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Category : B-J PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.40 PIPE SOCKET WELDS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
15-1	RPV	1B21703-1.5-FW18	PSW, P PSW, E	H312-1	H182-1	D250222A		PT	04/26/1995	PASS	Y		NO INDIC	NO RESOL
15-1	RPV	1B21703-2-FW2	PSW, P PSW, RED	H312-1	H182-1	D250222A		PT	04/26/1995	PASS	Y		NO INDIC	NO RESOL
15-1	RPV	1B21704-2-FWRN8	PC, SE PSW, CPL	H336-1	H182-1	D250222A		PT	04/23/1995	PASS	Y		NO INDIC	NO RESOL
15-1	RPV	1B21708-2-FW2	PSW, P PSW, RED	H312-1	H182-1	D250202A		PT	04/26/1995	PASS	Y		NO INDIC	NO RESOL
16-1	RPV	1B21709-2-FW1	PSW, CPL PSW, P	H182-1	H312-1	D250203A		PT	04/25/1995	PASS	Y		NO INDIC	NO RESOL
22-1	RCR	1B32F043B-2-SWD	PSW, P PSW, VLV	H312-2	H351-3	D250482A		PT	04/30/1995	PASS	Y		NO INDIC	NO RESOL
22-1	RCR	1B32F043B-2-SWE	PSW, VLV PSW, P	H351-3	H312-2	D250482A		PT	04/30/1995	PASS	Y		NO INDIC	NO RESOL
24-1	RCR	1B32A3-26-FW16	PSW, E PSW, P	C105-1	C106-1	D250482A		PT	05/09/1995	PASS	Y		NO INDIC	NO RESOL
24-1	RCR	1B32A FW19	PSW, P PSW, E	C106-1	C105-1	D250482A		PT	05/19/1995	PASS	Y		NO INDIC	NO RESOL
27-1	SLC	1C41A4-9-FWSLCA127	PSW, T PSW, P	H182-1	H312-1	D2504701		PT	04/13/1995	PASS	Y		NO INDIC	NO RESOL
27-1	SLC	1C41A4-9-FWSLCA128	PSW, T PSW, RED	H182-1	H182-1	D2504701		PT	04/13/1995	PASS	Y		NO INDIC	NO RESOL



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Category : B-J      PRESSURE RETAINING WELDS IN PIPING  
 Item No. : B9.40      PIPE SOCKET WELDS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
27-1	SLC	1C41B2-9-FWSLCA117	PSW,E	PSW,P	H182-1	H312-1	D2504701	PT	04/26/1995	PASS	Y			NO INDIC	NO RESOL
27-1	SLC	1C41B2-9-FWSLCA118	PSW,P	PSW,E	H312-1	H182-1	D2504701	PT	04/24/1995	PASS	Y			NO INDIC	NO RESOL
49-1	RWC	1G31PC2-16-SWRWCU955	PSW,E	PSW,P	H182-4	H312-4	D25027	PT	04/28/1995	PASS	Y			NO INDIC	NO RESOL
49-1	RWC	1G31PC2-16-SWRWCU956	PSW,P	PSW,E	H312-4	H182-4	D25027	PT	04/28/1995	PASS	Y			NO INDIC	NO RESOL

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Exam Requirement : 81W-02 Outage : 2-3-09  
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Category : B-K-1 INTEGRAL ATTACHMENTS FOR PIPING, PUMPS, AND VALVES  
 Item No. : B10.10 PIPING INTEGRALLY WELDED ATTACHMENTS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
13-1	FW	1B213-1-3-FW3SS9	PI, LUGF PC, PIPE	C516-1	C333-1	D250211C		PT	05/02/1995	PASS	Y			NO INDIC	NO RESOL
14-1	FW	1B214-2-4-FW4CH15A	PI, LUGF PELBOW	C516-1	C234-1	D250211C		MT	04/26/1995	PASS	Y			NO INDIC	NO RESOL
19-1	RCR	1B32RECIRC-28-A-6HL-1	PI, HL PC, PIPE	H240-1	H358-1	D250181A		PT	05/03/1995	PASS	Y			NO INDIC	NO RESOL
20-1	RCR	1B32RECIRC-28-B-14HL	PI, HL PELBOW	H240-1	H403-1	D250482A		PT	04/30/1995	PASS	Y			NO INDIC	NO RESOL
22-1	RCR	1B32RECIRC-22-BM-1HL	PI, HL PC, PIPE	H240-1	H358-1	D250482A		PT	04/30/1995	PASS	Y			NO INDIC	NO RESOL
27-1	SLC	1C411X42-9-FWX42-2	PSW, P PP, ENDP	H312-1	H240-1	D2504701		PT	04/13/1995	PASS	Y			NO INDIC	NO RESOL
36-1	CS	1E21FF-8-FW1CS18	PI, HL PELBOW	C515-1	C420-1	D2502401		MT	04/26/1995	PASS	Y			NO INDIC	NO RESOL
39-1	HP	1E413-1-3-FW1E41350-357	PI, LUGN PC, PIPE	C036-1	C333-1	D2502301		PT	04/10/1995	PASS	Y			NO INDIC	NO RESOL
40-1	HP	1E414-5-4-FW4SS44	PI, LUGF PC, PIPE	C516-1	C333-1	D2502301		MT	04/27/1995	PASS	Y			SURF, ROUND	REF ONLY, OK
														SURF, ROUND	REF ONLY, OK

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 Interval : 2 Period : 3

Category : B-K-1 INTEGRAL ATTACHMENTS FOR PIPING, PUMPS, AND VALVES  
 Item No. : B10.10 PIPING INTEGRALLY WELDED ATTACHMENTS

ISI Drawing	System	Component Number	Component Description	Material A	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief IS	Request	Indication Type	Indication Resolution
9-1	MS	1B21PS-02-24-FWPSD23	PI.R	PC.PIPE	CS16-1	C106-1	D250211A	MT	04/25/1995	PASS	Y		NO INDIC	NO RESOL

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Category : B-K-1      INTEGRAL ATTACHMENTS FOR PIPING, PUMPS, AND VALVES  
 Item No. : B10.20      PUMP INTEGRALLY WELDED ATTACHMENTS

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication	
				A	B									Type	Resolution
19-1	RCR	1B32RBCIRC-28-A1PHL	UPUHL	H240-3	H351-2	D250482A		PT	04/25/1995	PASS	Y			NO INDIC	NO RESOL
19-1	RCR	1B32RBCIRC-28-A2PHL	UPUHL	H240-3	H351-2	D250482A		PT	04/25/1995	PASS	Y			NO INDIC	NO RESOL

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Exam Requirement : 81W-02      Outage : 2-3-C9  
Interval : 2      Period : 3

Category : B-N-1      INTERIOR OF REACTOR VESSEL  
Item No. : B13.10      RV VESSEL INTERIOR

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
1-1	RPV	1B11-RPV-INTERIOR-4	SINT	C-		D50011		VT-3	05/08/1995	PASS	Y				

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Exam Requirement : 81W-02      Outage : 2-3-09  
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Category : B-0      PRESSURE RETAINING WELDS IN CONTROL ROD HOUSING  
 Item No. : B14.10      RV WELDS IN PERIPHERAL CRD HOUSING

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication Type	Indication Resolution
				A	B									
26-1	CRD	1C11-CRD06-11-SW2	WCRDHW	H312-1	H312-1	D50011		PT	05/09/1995	PASS	Y		NO INDIC	NO RESOL
26-1	CRD	1C11-CRD06-15-SW2	WCRDHW	H312-1	H312-1	D50011		PT	05/09/1995	PASS	Y		NO INDIC	NO RESOL



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Exam Requirement : 81W-02 Outage : 2-3-09  
 Interval : 2 Period : 3

Category : C-A PRESSURE RETAINING WELDS IN PRESSURE VESSELS  
 Item No. : C1.10 PRESSURE VESSEL SHELL CIRCUMFERENTIAL WELDS

ISI Drawing	System	Component Number	Component Description	Material A B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI TS	Relief Request	Indication Type	Indication Resolution
75-1	RHR	1E11HX-1A-SWC4	WCSW	CS16-1 CS16-1	D250251A								
						071-B	UT-45S	04/15/1995	PASS	Y		NO INDIC	NO RESOL
						071-B	UT-60S	05/22/1995	PASS	Y		NO INDIC	NO RESOL
						072-B	UT-45S	04/15/1995	PASS	Y		SURF, LINEAR REF ONLY, OR	

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Exam Requirement : 81W-02      Outage : 2-3-09  
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Category : C-C	INTEGRAL ATTACHMENTS FOR VESSELS, PIPING, PUMPS, AND VALVES
Item No. : C3.10	PRESSURE VESSEL INTEGRALLY WELDED ATTACHMENTS

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
75-1	RHR	1E11HX-1A-SUP-180	WRH1A WI,LUG	CS16-1	C036-1	D250251A		MT	04/15/1995	PASS	Y			NO INDIC	NO RESOL

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Exam Requirement : 81W-02 Outage : 2-3-09  
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Category : C-F-2 PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51 PIPING CIRC. WELD  $\geq$  3/8" NOMINAL WALL THICKNESS & NPS  $>$  4

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TJ Request	Indication Type	Indication Resolution
105-1	HP	1E4112-59-SWA	PE,SR PC,PIPE	C234-1	C106-1	D2502302	031-B	UT-60S	04/15/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
							031-B	UT-00	04/14/1995	PASS	Y		NO INDIC	NO RESOL
							031-B	UT-45S	04/13/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/19/1995	PASS	Y		NO INDIC	NO RESOL
107-1	HP	1E4120-2-SWC	PE,LR PC,PIPE	C234-1	C106-1	D2502301		MT	04/11/1995	PASS	Y		NO INDIC	NO RESOL
							059-B	UT-00	04/14/1995	PASS	Y		NO INDIC	NO RESOL
							059-B	UT-60S	04/14/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
							059-B	UT-45S	04/14/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK

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Exam Requirement : 81W-02      Outage : 2-3-09  
 Interval : 2      Period : 3

Category : C-F-2      PRESSURE RETAINING WRLDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51      PIPING CIRC. WELD >= 3/8" NOMINAL WALL THICKNESS & NPS > 4

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
107-1	HP	1E4122A-2-FW31	PF,RFWN PC,PIPE	C105-1	C106-1	D2502301	075-B	UT-60S	04/14/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
							075-B	UT-45S	04/14/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
							075-B	UT-00	04/14/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/11/1995	PASS	Y			NO INDIC	NO RESOL
108-1	HP	1E4124-61-FW31A	PC,VLV PC,PIPE	C216-1	C106-1	D2502301		MT	04/11/1995	PASS	Y			NO INDIC	NO RESOL
							014-B	UT-45S	04/13/1995	PASS	Y			NO INDIC	NO RESOL
57-1	MS	1MS63-1-SWA	PC,PIPE PE,LR	C106-1	C234-1	D2002002		MT	04/13/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-00	04/13/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	04/15/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
														GEOMETRIC	REF ONLY, OK
57-1	MS	1MS64-1-FW43	PE,LR PC,PIPE	C234-1	C106-1	D2002002	019-B	UT-00	04/14/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	04/15/1995	PASS	Y			GEOMETRIC	NO RESOL
								MT	04/13/1995	PASS	Y			NO INDIC	NO RESOL
58-1	MS	1MS55-2-FW32	PC,PIPE PE,LR	C106-1	C234-1	D2002002	019-B	UT-00	04/14/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	04/14/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
								MT	04/13/1995	PASS	Y			NO INDIC	NO RESOL

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Exam Requirement : 81W-02      Outage : 2-3-09  
 Interval : 2      Period : 3

Category : C-P-2      PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51      PIPING CIRC. WELD >= 3/8" NOMINAL WALL THICKNESS & NPS > 4

ISI Drawing	System	Component Number	Component Description	Material A      B		Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Request	Indication Type	Indication Resolution
58-1	MS	1MS55-2-SWA	PE,LR PC,PIPE	C234-1	C106-1	D2002002	019-B	UT-00	04/14/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/13/1995	PASS	Y			NO INDIC	NO RESOL
							019-B	UT-45S	04/14/1995	PASS	Y			GEOMETRIC	NO RESOL
61-1	MS	1MS81-5-FW66	PC,PIPE PBCC,TR	C106-1	C234-1	D2002001	013-B	UT-45S	04/14/1995	PASS	Y			GEOMETRIC	NO RESOL
								MT	04/13/1995	PASS	Y			NO INDIC	NO RESOL
							013-B	UT-00	04/14/1995	PASS	Y			NO INDIC	NO RESOL
64-1	CRD	1C11D1-49-FW68	PBCC,T PC,PIPE	C234-1	C106-1	D250172B	091-B	UT-00	04/20/1995	PASS	Y			NO INDIC	NO RESOL
							091-B	UT-45S	04/20/1995	PASS	Y			GEOMETRIC	REF ONLY, OK
								MT	04/25/1995	PASS	Y			NO INDIC	NO RESOL
68-1	RHR	1E1121-8-SWA	PC,PIPE PF,RFWN	C105-1	C106-1	D250251B	082-B	UT-00	04/21/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/21/1995	PASS	Y			NO INDIC	NO RESOL
							082-B	UT-45S	04/21/1995	PASS	Y			GEOMETRIC	NO RESOL
69-1	RHR	1E1125-2-FW30	PC,PIPE PE,LR	C106-1	C234-1	D250262B	082-B	UT-60S	04/18/1995	PASS	Y			GEOMETRIC	NO RESOL
								MT	04/15/1995	PASS	Y			NO INDIC	NO RESOL
							082-B	UT-45S	04/18/1995	PASS	Y			NO INDIC	NO RESOL
							082-B	UT-00	04/18/1995	PASS	Y			NO INDIC	NO RESOL



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 Interval : 2 Period : 3

Category : C-F-2 PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51 PIPING CIRC. WELD >= 3/8" NOMINAL WALL THICKNESS & NPS > 4

ISI Drawing	System	Component Number	Component Description	Material		Boundary Drawing	Cal	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS Request	Indication	
				A	B		Standard						Type	Resolution
72-1	RHR	1E1144-15-FW56	PC,PUMP PE,LR	C-	C234-1	D250262B	031-B	UT-45S	04/16/1995	PASS	Y		MECHANICAL	REF ONLY, OK
													MECHANICAL	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
							031-B	UT-00	04/16/1995	PASS	Y		NO INDIC	NO RESOL
72-1	RHR	1E1145-15-FW58	PC,VLV PC,PIPE	C216-1	C106-1	D250262B		MT	04/21/1995	PASS	Y		NO INDIC	NO RESOL
							031-B	UT-45S	04/21/1995	PASS	Y		NO INDIC	NO RESOL
							031-B	UT-00	04/21/1995	PASS	Y		NO INDIC	NO RESOL
72-1	RHR	1E1146-15-FW60-2	PF,A PC,PIPE	C105-1	C106-1	D250262B	094-B	UT-00	04/20/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/24/1995	PASS	Y		NO INDIC	NO RESOL
							094-B	UT-45S	04/20/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							094-B	UT-60S	04/20/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
73-1	RHR	1E1148-20-SWA	PE,LR PC,PIPE	C234-1	C106-1	D250262A								
								MT	04/16/1995	PASS	Y		NO INDIC	NO RESOL



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Category : C-P-2 PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51 PIPING CIRC. WELD >= 3/8" NOMINAL WALL THICKNESS & NPS > 4

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Type	Indication Resolution
73-1	RHR	1E1148-20-SWA	PE,LR PC,PIPE	C234-1	C106-1	D250262A	096-B	UT-45S	04/18/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
							031-B	UT-00	04/18/1995	PASS	Y		NO INDIC	NO RESOL
76-1	RHR	1E1162-21-SWB	PC,PIPE PE,RED	C106-1	C234-1	D250262A	096-B	UT-00	04/19/1995	PASS	Y		NO INDIC	NO RESOL
							096-B	UT-45S	04/19/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/15/1995	PASS	Y		NO INDIC	NO RESOL
77-1	RHR	1E1173-30-FW102	PC,PIPE PC,VLV	C106-1	C216-1	D250262B	063-B	UT-00	04/19/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/15/1995	PASS	Y		NO INDIC	NO RESOL
							063-B	UT-60S	04/20/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
							063-B	UT-45S	04/19/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
78-1	RHR	1E1189-18-SWA	PE,LR PC,PIPE	C234-1	C106-1	D250251B	030-B	UT-45S	04/15/1995	PASS	Y		GEOMETRIC	REF ONLY, OK
													GEOMETRIC	REF ONLY, OK
								MT	04/14/1995	PASS	Y		NO INDIC	NO RESOL
							030-B	UT-00	04/15/1995	PASS	Y		NO INDIC	NO RESOL
97-1	CS	1E212-40-SWB	PC,PIPE PBCC,TR	C106-1	C234-1	D2502401	030-B	UT-45S	04/24/1995	PASS	Y		NO INDIC	NO RESOL
								MT	04/24/1995	PASS	Y		NO INDIC	NO RESOL

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Category : C-F-2 PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
 Item No. : C5.51 PIPING CIRC. WELD  $\geq$  3/8" NOMINAL WALL THICKNESS & NPS  $\geq$  4

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
97-1	CS	1E212-40-SWB	PC,PIPE PBCC,TR	C106-1	C234-1	D2502401	030-B	UT-00	04/24/1995	PASS	Y			NO INDIC	NO RESOL
97-1	CS	1E212-40-SWC	PBCC,TR PF,RPWN	C234-1	C105-1	D2502401	030-B	UT-00	04/24/1995	PASS	Y			NO INDIC	NO RESOL
								MT	04/24/1995	PASS	Y			NO INDIC	NO RESOL
							030-B	UT-45S	04/24/1995	PASS	Y			NO INDIC	NO RESOL

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Exam Requirement : 81W-02      Outage : 2-3-09  
Interval : 2      Period : 3

Category : C-F-2      PRESSURE RETAINING WELDS IN CARBON/LOW ALLOY STEEL PIPING  
Item No. : C5.81      PIPE BRANCH CONNECTION CIRCUMFERENTIAL WELD

ISI Drawing	System	Component Number	Component Description	Material A	Material B	Boundary Drawing	Cal Standard	Exam Type	Exam Date	Exam Result	Credit XI	Relief TS	Indication Request	Indication Type	Indication Resolution
69-1	RHR	1E1125-2-SWA	PC,PIPE PBC,W	C106-1	C105-1	D250262B		MT	04/19/1995	PASS	Y			NO INDIC	NO RESOL

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8.1 Abbreviations are utilized by the software for space considerations. The following listing of program abbreviations apply for the inspection checklists:

<u>Abbreviation</u>	<u>Description</u>
<b>Exam Requirement:</b>	
81W-02	Inservice examinations for ASME Section XI credit, 1980 Edition through the Winter 1981 Addenda, performed during the Second Ten Year Interval.
<b>Material Description:</b>	
C	"C###" indicates Carbon Steel material and its associated ASME/ASTM Grade Specification. "C- " indicates Carbon Steel material - Grade Unknown.
H	"H###" indicates High Alloy Steel material and its associated ASME/ASTM Grade Specification. "H- " indicates High Alloy Steel material - Grade Unknown.

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**8.2 IWF AND TECHNICAL SPECIFICATION SNUBBER  
INSPECTION REPORTS**

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-A	CS	1-X-227A	HANCW	D2502402	81W-02	VT-3	04/14/95	PASS	1	1
F-A	CS	1-X-227B	HANCW	D2502401	81W-02	VT-3	04/14/95	PASS	1	1
F-A	HP	1-E41-60A12	HANCW	D2502301	81W-02	VT-3	09/28/94	PASS	1	1
F-A	HP	1-X-226	HANCW	D2502302	81W-02	VT-3	04/14/95	PASS	1	1
F-A	MS	1-MS-4A6	HANCW	D2002001	81W-02	VT-3	04/24/95	PASS	1	1
F-A	MS	1-X-7A	HANCW	D250211B	81W-02	VT-3	04/22/95	PASS	0	K
F-A	NB	1-E11-RPV-SKIRT	SKIRT	C24004 5-1	81W-02	VT-3	04/26/95	PASS	1	1
F-A	RHR	1-E11-18A38	HANCM	D250251A	81W-02	VT-3	11/15/94	PASS	1	1
F-A	RHR	1-X-225A	HANCW	D250251B	81W-02	VT-3	04/14/95	PASS	1	1
F-A	RHR	1-X-225B	HANCW	D250262B	81W-02	VT-3	04/14/95	PASS	1	1
F-A	SLC	1-X-42	HANCW	D25047	81W-02	VT-3	04/22/95	PASS	1	1
F-B	CRD	1-BSEP-10-1	HSUPM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1
F-B	CRD	1-BSEP-10-10	HUBTM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1
F-B	CRD	1-BSEP-10-12	HSUPM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1
F-B	CRD	1-BSEP-10-19	HSUPM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1
F-B	CRD	1-BSEP-10-2	HRRSM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1

\* See legend



Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-B	CRD	1-BSEP-10-21	HRRSM	D250172B	81W-02	VT-3	09/12/94	PASS	1	1
F-B	CS	1-E21-40PG1	HSUPW	D2502401	81W-02	VT-3	10/11/94	PASS	1	1
F-B	HP	1-E41-2PG6	HGUDM	D2502301	81W-02	VT-3	09/28/94	PASS	1	1
F-B	HP	1-E41-3PG15	HGUDW	D2502302	81W-02	VT-3	04/08/95	PASS	1	1
F-B	HP	1-E41-3PG62	HVARM	D2502301	81W-02	VT-3	04/08/95	PASS	1	1
F-B	HP	1-E41-59PG24	HSUPM	D2502302	81W-02	VT-3	09/28/94	PASS	1	1
F-B	HP	1-E41-60FH58	HARSM	D2502301	81W-02	VT-3	09/28/94	PASS	1	1
F-B	MS	1-MS-2FH23	HUBTM	D2002001	81W-02	VT-3	04/24/95	PASS	1	1
F-B	MS	1-MS-2FH24	HUBTM	D2002001	81W-02	VT-3	04/24/95	PASS	1	1
F-B	NB	1-B11-RPV-LATSUP	LATER	C24004 5-1	81W-02	VT-3	04/22/95	PASS	1	1
F-B	RCI	1-E51-4PG44	HRRSM	D2502901	81W-02	VT-3	04/29/95	PASS	2	K
F-B	RCR	1-B32-26PG114	HUBTM	D250482A	ASX-02	VT-3	05/05/95	PASS	1	1
F-B	RCR	1-B32-26PG116	HUBTM	D250482A	81W-02	VT-3	04/29/95	PASS	1	1
F-B	RCK	1-B32-PS7488A	HSUPW	D250482B	81W-02	VIS	04/28/95	PASS	1	1
F-B	RHR	1-E11-109FS395	HSUPW	D250262B	81W-02	VT-3	09/21/94	PASS	1 G	W K
F-B	RHR	1-E11-113FH156	HSUPM	D250262B	81W-02	VT-3	09/20/94	PASS	1	1

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-B	RHR	1-E11-118PG78	HGUDM	D250262B	81W-02	VT-3	09/20/94	PASS	!	!
F-B	RHR	1-E11-14FS2	HSUPW	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-15FS18	HSUPW	D250262B	81W-02	VT-3	09/20/94	PASS	!	!
F-B	RHR	1-E11-18FH46	HSUPM	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-18PG290	HGUDM	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-21FS68	HSUPW	D250262B	81W-02	VT-3	09/21/94	PASS	!	!
F-B	RHR	1-E11-21PG69	HSUPM	D250262B	81W-02	VT-3	09/21/94	PASS	!	!
F-B	RHR	1-E11-2PG131	HGUDW	D250251B	81W-02	VT-3	10/18/94	PASS	!	!
F-B	RHR	1-E11-2PG150	HGUDW	D250262B	81W-02	VT-3	10/18/94	PASS	!	!
F-B	RHR	1-E11-46PG513	HSUPM	D250251A	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-68PG56	HSUPW	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-68PG57	HSUPW	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-75FH66	HSUPM	D250262B	81W-02	VT-3	09/22/94	PASS	!	!
F-B	RHR	1-E11-8PG145	HGUDW	D250251B	81W-02	VT-3	11/15/94	PASS	!	!
F-B	RHR	1-E11-95PG24	HRRSW	D250262A	81W-02	VT-3	09/20/94	PASS	!	!
F-B	RHR	1-RHR-PUMP1A	HGUDM	D250251B	81W-02	VT-3	11/15/94	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-B	RWC	1-G31-16FH110	HSUPM	D250271B	81W-02	VT-3	04/29/95	PASS	!	!
F-B	RWC	1-G31-16PG111	HGUDM	D250271B	81W-02	VT-3	04/29/95	PASS	!	!
F-C	CS	1-E21-3SS46	HHSBM	D2502402	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-3SS47	HHSBM	D2502402	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-3SS48	HHSBM	D2502402	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-3SS49	HHSBM	D2502402	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-3VH34	HVARM	D2502402	81W-02	VIS	09/13/94	PASS	!	!
F-C	CS	1-E21-7SS53	HHSBM	D2502401	T47-02	VIS	04/27/95	PASS	!	!
F-C	CS	1-E21-7SS54	HHSBM	D2502401	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-7SS55	HHSBM	D2502401	T47-02	VIS	04/23/95	PASS	!	W
F-C	CS	1-E21-7SS56	HHSBM	D2502401	T47-02	VIS	04/23/95	PASS	!	!
F-C	CS	1-E21-8CH57	HCONW	D2502401	81W-02	VIS	04/22/95	PASS	!	!
F-C	HP	1-E41-1PG252	HGUDM	D2502302	81W-02	VT-3	04/08/95	PASS	!	!
F-C	HP	1-E41-3PG250	HGUDM	D2502302	81W-02	VT-3	04/08/95	COND	!	H
F-C	HP	1-E41-4CH43	HCONM	D2502301	81W-02	VIS	04/24/95	PASS	!	!
F-C	HP	1-E41-4SS200	HHSBM	D2502301	T47-02	VIS	04/26/95	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	HP	1-E41-4SS44	HHSBM	D2502301	T47-02	VIS	04/24/95	PASS	!	!
F-C	HP	1-E41-4SS45	HHSEW	D2502301	T47-02	VIS	04/26/95	PASS	!	!
F-C	HP	1-E41-4SS47	HHSBM	D2502301	T47-02	VIS	04/25/95	PASS	!	!
F-C	HP	1-E41-4SS49	HHSBM	D2502301	T47-02	VIS	04/26/95	PASS	!	!
F-C	HP	1-E41-4SS51	HHSBM	D2502301	T47-02	VIS	04/29/95	PASS	!	!
F-C	HP	1-E41-61VH67	HVARM	D2502302	81W-02	VIS	02/13/95	PASS	!	!
F-C	HP	1-E41-61VS75	HVARM	D2502302	81W-02	VIS	09/28/94	PASS	!	!
F-C	HP	1-E41-6VH34	HVARM	D2502302	81W-02	VIS	09/28/94	PASS	!	!
F-C	HP	1-E41-VS78	HVARW	D2502301	81W-02	VIS	09/28/94	PASS	!	!
F-C	MS	1-MS-2VH28	HVARM	D2002001	81W-02	VIS	04/30/95	PASS	!	!
F-C	MS	1-MS-4VH3	HVARM	D2002001	81W-02	VIS	04/24/95	PASS	!	!
F-C	MS	1-PSN-A2SS30	HHSBM	D250211B	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-A2SS31	HHSBM	D250211B	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-A3SS292	HHSBM	D250211B	T47-02	VIS	04/24/95	PASS	!	!
F-C	MS	1-PSN-A3SS32	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	!	!
F-C	MS	1-PSN-A3SS33	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	MS	1-PSN-A3SS34	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-A3SS35	HHSBW	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-A4VH36	HVARW	D250211B	81W-02	VIS	04/30/95	PASS	I	I
F-C	MS	1-PSN-A5SS38	HHSBM	D250211B	T47-02	VIS	04/27/95	PASS	I	I
F-C	MS	1-PSN-B2SS40	HHSBM	D250211B	T47-02	VIS	04/23/95	PASS	I	I
F-C	MS	1-PSN-B2SS41	HHSBM	D250211B	T47-02	VIS	04/23/95	PASS	I	I
F-C	MS	1-PSN-B3CH45	HCONM	D250211B	81W-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B3SS190	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B3SS42	HHSBW	D250211B	T47-02	VIS	04/24/95	COND	Q	H
F-C	MS	1-PSN-B3SS43	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B3SS44	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B3SS46	HHSBM	D250211B	T47-02	VIS	04/24/95	PASS	I	I
F-C	MS	1-PSN-B3SS47	HHSBM	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B3SS48	HHSBW	D250211B	T47-02	VIS	04/26/95	PASS	I	I
F-C	MS	1-PSN-B4VH49	HVARW	D250211B	81W-02	VIS	04/30/95	PASS	I	I
F-C	MS	1-PSN-B4VH51	HHSBW	D250211B	T47-02	VIS	04/25/95	PASS	I	I

\* See legend



Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	MS	1-PSN-C2CH53	HCONW	D250211A	81W-02	VIS	04/22/95	PASS	!	!
F-C	MS	1-PSN-C2SS54	HHSRM	D250211A	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-C2SS55	HHSBM	D250211A	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-C3SS272	HHSBM	D250211A	T47-02	VIS	04/25/95	PASS	!	!
F-C	MS	1-PSN-C3SS56	HHSBW	D250211A	T47-02	VIS	04/25/95	PASS	!	!
F-C	MS	1-PSN-C3SS57	HHSBM	D250211A	T47-02	VIS	04/26/95	PASS	!	!
F-C	MS	1-PSN-C3SS58	HHSBM	D250211A	T47-02	VIS	04/26/95	PASS	!	!
F-C	MS	1-PSN-C3SS60	HHSBM	D250211A	T47-02	VIS	04/26/95	PASS	!	!
F-C	MS	1-PSN-C3SS61	HHSBM	D250211A	T47-02	VIS	04/28/95	PASS	!	!
F-C	MS	1-PSN-C3SS62	HHSBM	D250211A	T47-02	VIS	04/25/95	PASS	!	!
F-C	MS	1-PSN-C4VH63	HCONW	D250211A	81W-02	VIS	04/30/95	PASS	!	!
F-C	MS	1-PSN-C5SS64	HHSBM	D250211A	T47-02	VIS	04/29/95	PASS	!	!
F-C	MS	1-PSN-D2CH67	HCONW	D250211A	81W-02	VIS	04/22/95	PASS	!	!
F-C	MS	1-PSN-D2SS68	HHSBM	D250211A	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-D2SS69	HHSBM	D250211A	T47-02	VIS	04/23/95	PASS	!	!
F-C	MS	1-PSN-D3SS70	HHSBM	D250211A	T47-02	VIS	04/25/95	PASS	!	!

\* See legend



Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	MS	1-PSN-D3SS71	HHSBM	D250211A	T47-02	VIS	04/28/95	PASS	!	!
F-C	MS	1-PSN-D3SS72	HHSBM	D250211A	T47-02	VIS	04/23/95	PASS	\$	\$
F-C	MS	1-PSN-D3SS73	HHSBW	D250211A	T47-02	VIS	04/25/95	PASS	!	!
F-C	MS	1-PSN-D5SS76	HHSBM	D250211A	T47-02	VIS	04/29/95	PASS	!	!
F-C	MS	1-PSN-D5VH75	HVARM	D250211A	81W-02	VIS	04/29/95	PASS	!	!
F-C	NB	1-B21-1SS227	HHSBM	D250211C	T47-02	VIS	04/30/95	PASS	!	!
F-C	NB	1-B21-1SS228	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	!	!
F-C	NB	1-B21-2SS229	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-2SS230	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-2SS3	HHSBW	D250211C	T47-02	VIS	04/24/95	PASS	!	!
F-C	NB	1-B21-2SS4	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-3CH14	HCONW	D250211C	81W-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-3SS11	HHSBM	D250211C	T47-02	VIS	04/26/95	PASS	!	!
F-C	NB	1-B21-3SS12	HHSBM	D250211C	T47-02	VIS	04/26/95	PASS	!	!
F-C	NB	1-B21-3SS13	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-3SS231	HHSBM	D250211C	T47-02	VIS	04/26/95	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	NB	1-B21-3SS232	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	I	I
F-C	NB	1-B21-3SS233	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	I	I
F-C	NB	1-B21-3SS234	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	I	I
F-C	NB	1-B21-3SS235	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	I	I
F-C	NB	1-B21-3SS6	HHSBW	D250211C	T47-02	VIS	04/26/95	PASS	I	I
F-C	NB	1-B21-3SS9	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	I	I
F-C	NB	1-B21-44SS129	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-44SS131	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-44SS134	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-44SS136	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	Q	K
F-C	NB	1-B21-44SS137	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-44SS138	HHSBM	D250211C	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-44SS141	HHSBM	D250211C	T47-02	VIS	04/22/95	PASS	I	I
F-C	NB	1-B21-44SS142	HHSBM	D250211C	T47-02	VIS	04/22/95	COND	Q	W H
F-C	NB	1-B21-44SS143	HHSBM	D250211C	T47-02	VIS	04/22/95	PASS	I	I
F-C	NB	1-B21-44SS146	HHSBM	D250211C	T47-02	VIS	04/22/95	COND	Q	W H

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	NB	1-B21-44SS149	HHSBM	D250211C	T47-02	VIS	04/22/95	COND	Q	W H
F-C	NB	1-B21-44SS150	HHSBM	D250211C	T47-02	VIS	04/22/95	PASS	!	!
F-C	NB	1-B21-46SS147	HHSBM	D250211C	T47-02	VIS	04/22/95	PASS	!	!
F-C	NB	1-B21-47SS155	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-47SS156	HHSBM	D250211C	T47-02	VIS	04/22/95	PASS	!	!
F-C	NB	1-B21-47SS157	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-4CH15	HCONW	D250211C	81W-02	VIS	04/24/95	PASS	!	!
F-C	NB	1-B21-4SS236	HHSBM	D250211C	T47-02	VIS	04/30/95	PASS	!	!
F-C	NB	1-B21-4SS237	HHSBM	D250211C	T47-02	VIS	04/28/95	PASS	!	!
F-C	NB	1-B21-50SS109	HHSEB	D250211B	T47-02	VIS	04/29/95	PASS	!	!
F-C	NB	1-B21-50SS111	HHSBM	D250211B	T47-02	VIS	04/29/95	PASS	!	!
F-C	NB	1-B21-51SS103	HHSBM	D250211B	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-51SS105	HHSEB	D250211B	T47-02	VIS	04/27/95	PASS	!	!
F-C	NB	1-B21-51SS106	HHSBM	D250211B	T47-02	VIS	04/27/95	PASS	!	!
F-C	NB	1-B21-51SS113	HHSBM	D250211B	T47-02	VIS	04/27/95	PASS	!	!
F-C	NB	1-B21-51SS115	HHSEB	D250211B	T47-02	VIS	04/27/95	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	NB	1-B21-51SS118	HHSBM	D250211B	T47-02	VIS	04/27/95	PASS	!	!
F-C	NB	1-B21-5SS17	HHSBW	D250211C	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-5SS18	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-5SS238	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-5SS239	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-6CH28	HCONW	D250211C	81W-02	VIS	04/24/95	PASS	!	!
F-C	NB	1-B21-6SS20	HHSBW	D250211C	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-6SS23	HHSBM	D250211C	T47-02	VIS	04/26/95	PASS	!	!
F-C	NB	1-B21-6SS240	HHSBM	D250211C	T47-02	VIS	04/25/95	PASS	!	W
F-C	NB	1-B21-6SS241	HHSBM	D250211C	T47-02	VIS	04/24/95	PASS	!	!
F-C	NB	1-B21-6SS242	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-6SS243	HHSBM	D250211C	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-6SS244	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!
F-C	NB	1-B21-6SS25	HHSBM	D250211C	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-6SS26	HHSBM	D250211C	T47-02	VIS	04/25/95	PASS	!	!
F-C	NB	1-B21-6SS27	HHSBM	D250211C	T47-02	VIS	04/23/95	PASS	!	!

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	NB	1-B21-701SS164	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-701SS167	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	Q	K
F-C	NB	1-B21-701SS169	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-701SS170	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-701SS171	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-701SS172	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	Q	H
F-C	NB	1-B21-701SS175	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	Q	K
F-C	NB	1-B21-701SS177	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	Q	K
F-C	NB	1-B21-701SS178	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	Q	K
F-C	NB	1-B21-701SS179	HHSBM	D250222A	T47-02	VIS	04/02/95	PASS	I	I
F-C	NB	1-B21-702SS861	HHSBM	D250222A	T47-02	VIS	04/22/95	PASS	I	I
F-C	NB	1-B21-707SS862	HHSBM	D250203A	T47-02	VIS	04/22/95	PASS	I	I
F-C	NB	1-B21-PS-3570	HHSBM	D250203A	T47-02	VIS	04/23/95	PASS	I	I
F-C	RCC	1-RCC-19SS157	HHSBM	D2503801	T47-02	VIS	04/29/95	PASS	I	I
F-C	RCC	1-RCC-19SS160	HHSBM	D2503801	T47-02	VIS	04/29/95	PASS	I	I
F-C	RCC	1-RCC-60SS121	HHSBM	D2503801	T47-02	VIS	04/27/95	PASS	I	I

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	RCC	1-RCC-60SS122	HHSBM	D2503801	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCC	1-RCC-65SS128	HHSBM	D2503801	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCC	1-RCC-65SS129	HHSBM	D2503801	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCC	1-RCC-71SS139	HHSBM	D2503801	T47-02	VIS	04/25/95	PASS	1	1
F-C	RCC	1-RCC-73SS145	HHSBM	D2503801	T47-02	VIS	04/27/95	COND	\$	H
F-C	RCI	1-E51-3SS46	HHSBM	D2502901	T47-02	VIS	04/11/95	PASS	1	1
F-C	RCI	1-E51-3SS47	HHSBM	D2502901	T47-02	VIS	04/11/95	PASS	1	1
F-C	RCI	1-E51-3VH48	HVARW	D2502901	81W-02	VIS	04/27/95	PASS	1	1
F-C	RCI	1-E51-4SS45	HHSBM	D2502901	T47-02	VIS	04/29/95	PASS	1	1
F-C	RCI	1-E51-4SS66	HHSBM	D2502901	T47-02	VIS	04/25/95	PASS	1	1
F-C	RCI	1-E51-4SS68	HHSBM	D2502901	T47-02	VIS	04/25/95	PASS	1	1
F-C	RCI	1-E51-4SS69	HHSBM	D2502901	T47-02	VIS	04/24/95	PASS	1	1
F-C	RCI	1-E51-4SS70	HHSBM	D2502901	T47-02	VIS	04/25/95	PASS	1	1
F-C	RCI	1-E51-4SS71	HHSBM	D2502901	T47-02	VIS	04/30/95	PASS	1	1
F-C	RCI	1-E51-4SS72	HHSBM	D2502901	T47-02	VIS	04/29/95	PASS	1	1
F-C	RCI	1-E51-4SS73	HHSBM	D2502901	T47-02	VIS	04/29/95	PASS	1	1

\* See legend



Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	RCR	1-B32-26VH115	HVARM	D250482A	81W-02	VIS	04/29/95	FAIL	S	W K
F-C	RCR	1-B32-26VH226	HVARM	D250482A	ASX-02	VIS	05/06/95	PASS	I	I
F-C	RCR	1-B32-HA8	HCONM	D250482B	81W-02	VIS	04/28/95	PASS	I	I
F-C	RCR	1-B32-HB1	HVARM	D250181B	81W-02	VIS	04/29/95	PASS	I	I
F-C	RCR	1-B32-HB5	HCONW	D250181B	81W-02	VIS	04/29/95	PASS	I	I
F-C	RCR	1-B32-HB7	HCONW	D250181B	81W-02	VIS	04/29/95	PASS	I	I
F-C	RCR	1-B32-SSA1	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA10	HHSBM	D250482A	T47-02	VIS	04/23/95	PASS	\$	H W
F-C	RCR	1-B32-SSA11	HHSBM	D250482B	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA12A	HHSBM	D250482B	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA12B	HHSBM	D250482B	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA2	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA3	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA4	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA5	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I
F-C	RCR	1-B32-SSA6	HHSBW	D250482A	T47-02	VIS	04/27/95	PASS	I	I

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	RCR	1-B32-SSB1	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB11	HHSBM	D250181A	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB12A	HHSBM	D250181A	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB12B	HHSBM	D250181A	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB2	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB3	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB4	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB5	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB6	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB9A	HHSBW	D250181B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RCR	1-B32-SSB9B	HHSBW	D250181B	T47-02	VIS	04/25/95	PASS	1	1
F-C	RHR	1-E11-118VS77	HVARW	D250262B	81W-02	VIS	09/20/94	PASS	1	1
F-C	RHR	1-E11-118VS79	HVARW	D250262B	81W-02	VT-3	09/20/94	PASS	1	1
F-C	RHR	1-E11-17VH10	HVARM	D250251A	81W-02	VIS	11/15/94	PASS	1	1
F-C	RHR	1-E11-1SS302	HHSBW	D250251B	T47-02	VIS	04/29/95	PASS	1	1
F-C	RHR	1-E11-1SS303	HHSBW	D250251B	T47-02	VIS	04/29/95	PASS	1	1

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	RHR	1-E11-1SS305	HHSBM	D250251B	T47-02	VIS	04/27/95	PASS	1	1
F-C	RHR	1-E11-1SS306	HHSBM	D250251B	T47-02	VIS	04/21/95	PASS	1	1
F-C	RHR	1-E11-1VH307	HVARM	D250251B	81W-02	VIS	04/27/95	PASS	1	1
F-C	RHR	1-E11-2VS132	HVARW	D250251B	81W-02	VT-3	10/18/94	PASS	2	W
F-C	RHR	1-E11-46VH220	HVARM	D250251A	81W-02	VIS	11/15/94	PASS	1	1
F-C	RHR	1-E11-56VH14	HVARM	D250251A	81W-02	VIS	11/15/94	PASS	1	1
F-C	RHR	1-E11-58VH37	HVARW	D250262A	81W-02	VIS	09/20/94	PASS	1	1
F-C	RHR	1-E11-84SS309	HHSBW	D250251B	T47-02	VIS	04/21/95	PASS	1	1
F-C	RHR	1-E11-84SS311	HHSBW	D250251B	T47-02	VIS	04/28/95	PASS	1	1
F-C	RHR	1-E11-84SS312	HHSBW	D250251B	T47-02	VIS	04/28/95	PASS	1	1
F-C	RHR	1-E11-87SS315	HHSBM	D250262B	T47-02	VIS	04/28/95	PASS	1	1
F-C	RHR	1-E11-87SS317	HHSBM	D250262B	T47-02	VIS	04/28/95	PASS	5	H
F-C	RHR	1-E11-87SS318	HHSBM	D250262B	T47-02	VIS	04/21/95	COND	5	H
F-C	RHR	1-E11-8VS146	HVARW	D250251B	81W-02	VIS	11/15/94	PASS	1	1
F-C	RHR	1-E11-90SS267	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	1	1
F-C	RHR	1-E11-90SS268	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	1	1

\* See legend

Category	System	Component	Desc*	Boundary Drawing	Exam Req'd*	Exam Type	Exam Date	Results	Indications*	Resolutions*
F-C	RHR	1-E11-90SS271	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	!	!
F-C	RHR	1-E11-90SS274	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	!	!
F-C	RHR	1-E11-90SS275	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	!	!
F-C	RHR	1-E11-90SS388	HHSBM	D250262B	T47-02	VIS	04/22/95	PASS	!	!
F-C	RHR	1-E11-95VH236	HVARW	D250262A	81W-02	VIS	12/14/94	PASS	!	!
F-C	RHR	1-E11-95VH237	HVARM	D250262A	81W-02	VIS	12/14/94	PASS	Z 0	D
F-C	RWC	1-G31-16VH222	HVARM	D250271B	81W-02	VIS	04/29/95	PASS	!	!
F-C	RWC	1-G31-1SS3	HHSBM	D250271B	T47-02	VIS	04/23/95	PASS	!	!
F-C	SLC	1-C41-9SS10	HHSBM	D25047	T47-02	VIS	04/23/95	PASS	!	!
F-C	SLC	1-C41-9SS11	HHSBM	D25047	T47-02	VIS	04/23/95	PASS	!	!
F-C	SLC	1-C41-9SS12	HHSBM	D25047	T47-02	VIS	04/22/95	PASS	!	!
F-C	SLC	1-C41-9SS13	HHSBM	D25047	T47-02	VIS	04/23/95	PASS	!	!
F-C	SLC	1-C41-9SS4	HHSBM	D25047	T47-02	VIS	04/23/95	PASS	\$	H
F-C	SLC	1-C41-9SS5	HHSBM	D25047	T47-02	VIS	04/22/95	PASS	!	!
F-C	SLC	1-C41-9SS8	HHSBM	D25047	T47-02	VIS	04/23/95	PASS	!	!

\* See legend

#### Description Legend

HANCM	Anchor (mechanical attachment to component) restricts forces in 3 directions and rotational moments
HANCW	Anchor (welded attachment to component) restricts forces in 3 directions and rotational moments
HCONM	Constant (mechanical attachment to component) acts in tension only, spring/lever assembly provides constant restraining force
HCONW	Constant (welded attachment to component) acts in tension only, spring/lever assembly provides constant restraining force
HGUDM	Guide (mechanical attachment to component) restricts forces in 2 directions (tension & compression)
HGUDW	Guide (welded attachment to component) restricts forces in 2 directions (tension & compression)
HHSBM	Hydraulic snubber (mechanical attachment to component)
HHSBW	Hydraulic snubber (welded attachment to component)
HARSM	Adjustable rigid strut (mechanical attachment to component) restricts forces in 1 direction (along its axis), rigid in tension & compression
HRESM	Restraint (mechanical attachment to component) restricts forces in 1 direction (along its axis) rigid in tension & compression
HRRSM	Rigid rod strut (mechanical attachment to component) restricts forces in 1 direction (along its axis), rigid in tension & compression
HRRSW	Rigid rod strut (welded attachment to component) restricts forces in 1 direction (along its axis) rigid in tension & compression
HSUPM	Support (mechanical attachment to component) that acts in tension or compression only
HSUPW	Support (welded attachment to component) that acts in tension or compression only
HTWBM	2 way box restraint (mechanical attachment to component) restricts forces in 2 directions (tension & compression)
HVARM	Variable support (mechanical attachment to component), acts in tension only, spring assembly where restricting force is proportional to deflection
HVARW	Variable support (welded attachment to component), acts in tension only, spring assembly where restricting force is proportional to deflection
HUBTM	U-bolt (mechanical connection to component)
SKIRT	Reactor Pressure Vessel skirt support
LATER	Reactor Pressure Vessel lateral support
URCIC	Reactor Core Isolation Cooling pump support

#### Exam Type Legend

VIS	VT-3 and VT-4 performed
VT-3	VT-3 only performed

#### Indication Legend

I	No Indication
#	Fab marks, chipped/discolored paint, weld spatter, general scratches, and/or original fabrication conditions
\$	Low or missing hydraulic fluid indicated
0	Damaged hanger, tool marks, physical interference which impairs function
1	Loose connection/parts
2	Grout related problems, i.e., missing, chipped, too little
G	Corrosion
Q	Leaking fluid
S	Variable spring out of tolerance
Z	Thread damage or improper engagement
COND	Conditional, evaluated or repaired, but not a system operability concern

#### Resolution Legend

I	None
\$	Added hydraulic fluid to meet specified level
D	Acceptable through evaluation/analysis
H	Component replaced
K	Engineering evaluation/accept as it
W	Work request written to repair

#### Exam Req'd Legend

81W-02	- Required ASME Section XI 1980 Edition through Winter 1981 Addenda examination
ASX-02	- Sample expansion required by ASME Section XI examination
T47-02	- Required BSEP Technical Specification examination



Tech Spec Snubber Functionals - 55

1-B21-2SS3	1-E21-25SS91
1-B21-19SS192	
1-B21-19SS194	
1-B21-59SS325	1-E41-6SS27
1-B21-11SS223	1-E41-6SS37
1-B21-26SS208	1-G31-51SS194
1-B21-18SS215	
1-B21-34SS300	1-G41-12SS33
1-B21-6SS242	
1-B21-6SS27	
1-B21-51SS103	1-PSN-B5SS51
1-B21-1SS228	1-PSN-D3SS72
1-B21-2SS229	1-PSN-A3SS292
1-B21-44SS149	
1-B21-707SS862	
1-B21-44SS138	1-SW-142SS164
1-B21-701SS171	

1-B32-SSB9B  
 1-B32-SSA10

ASME Section XI Functionals- 3

	1-MS-1SS149
	1-MS-2SS134
	1-MS-11SS116
1-C41-9SS4	
1-C41-9SS26	
1-E11-113SS410	
1-E11-95SS417	
1-E11-89SS459	
1-E11-58SS565	
1-E11-58SS566	
1-E11-18SS48	
1-E11-21SS70	
1-E11-37SS184	
1-E11-60SS425	
1-E11-53SS464	
1-E11-53SS465	
1-E11-53SS466	
1-E11-21SS63	
1-E11-21SS71	
1-E11-58SS33	
1-E11-131SS255	
1-E11-21SS297	
1-E11-49SS330	
1-E11-49SS333	
1-E11-1SS306	
1-E11-84SS309	
1-E11-87SS318	
1-RCC-71SS139	
1-RCC-39SS80	
1-RCC-38SS81	

B21 = NB  
 G31 = RWC

B32 = RCR  
 G41 = FPC

C41 = SLC  
 MS = MS

E11 = RHR  
 PSN = PSN

E21 = CS  
 RCC = RCC

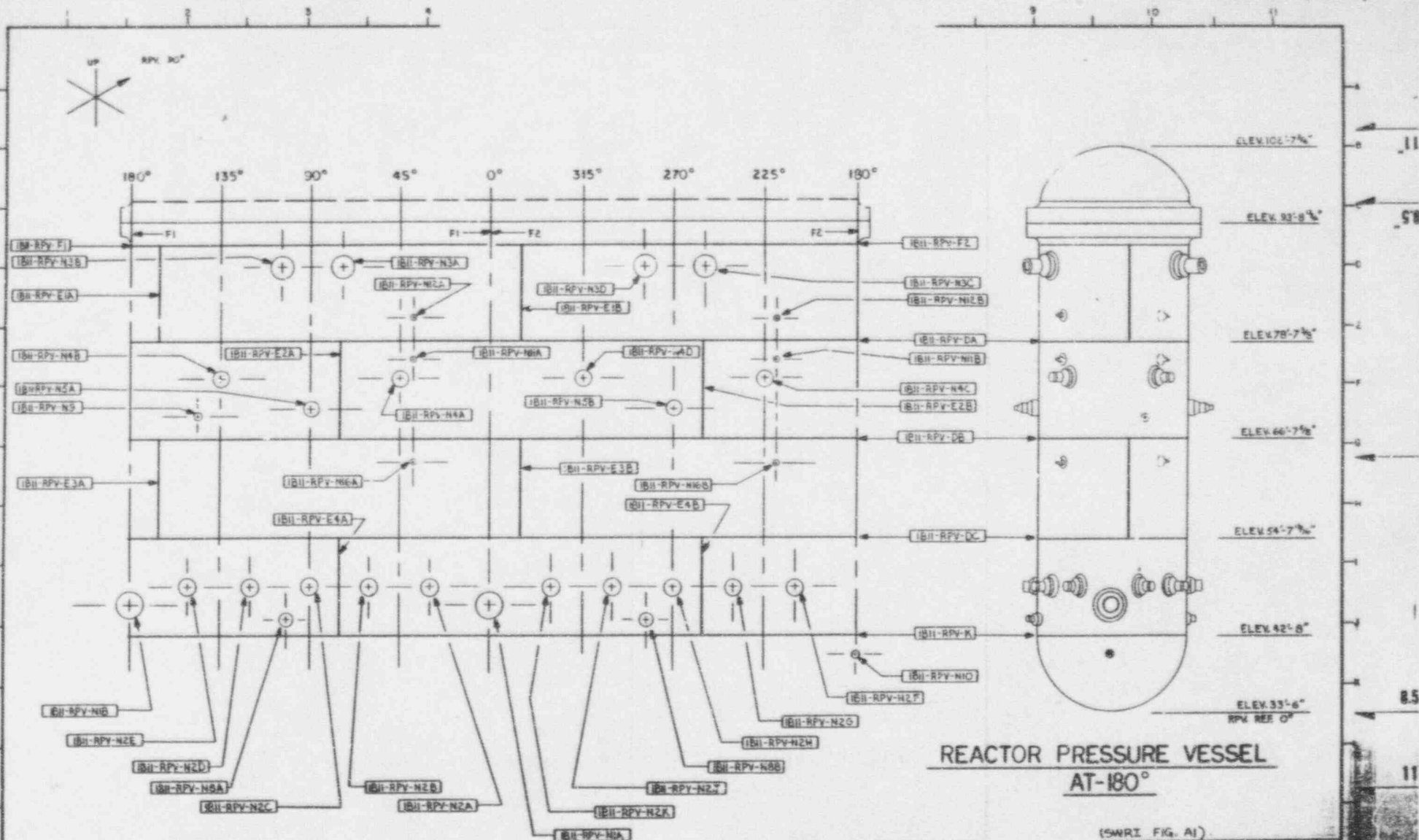
E41 = HP  
 SW = SW



**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

**SECTION 9.0**

**ISOMETRIC DRAWINGS**



NOTE:

- 1 VESSEL INTERNALS ARE DESIGNATED  
IBII-RPV-CORESUPPORT, IBII-RPV-INTBELT,  
IBII-RPV-INTERIOR & IBII-RPV-INTNONBELT.
- 2 NOZZLE INNER RADIUS IS DESIGNATED BY  
ADDING IRS TO NOZZLE IDENTIFICATION  
EXAMPLE: IBII-RPV-NIB-IRS

REACTOR PRESSURE VESSEL  
AT-180°

(SWRI FIG. A1)

1	REVISED PER RPV-800TH		
0	FIRST ISSUE PER SPECIFICATION		
REV. DATE	DESCRIPTION	REVISED BY	APPROVED BY

CAROLINA POWER & LIGHT CO.  
BRUNSWICK STEAM ELECTRIC PLANT

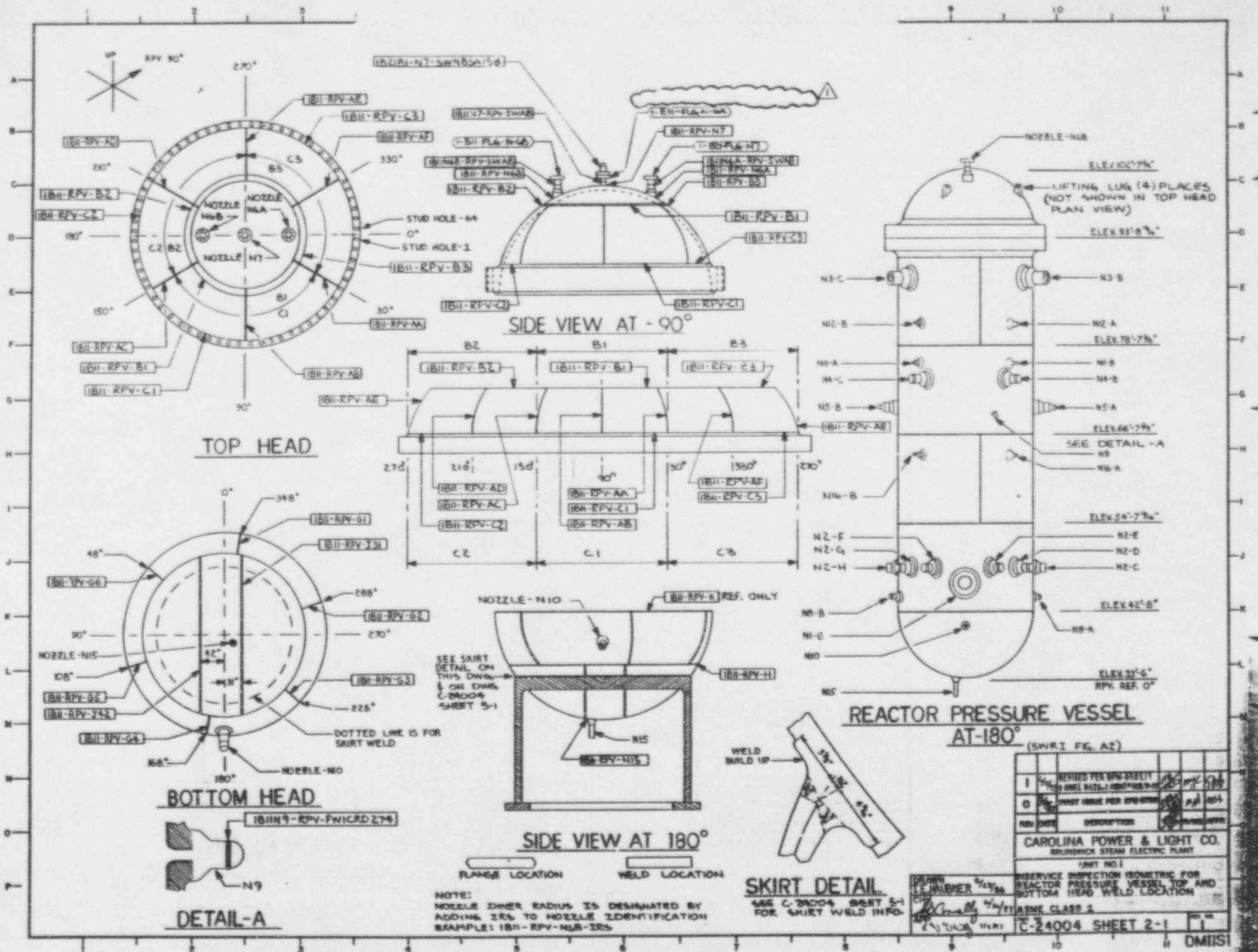
UNIT NO. 1

SERVICE INSPECTION ISOMETRIC FOR  
REACTOR PRESSURE VESSEL WELD AND  
NOZZLE LOCATION

ASME CLASS 2

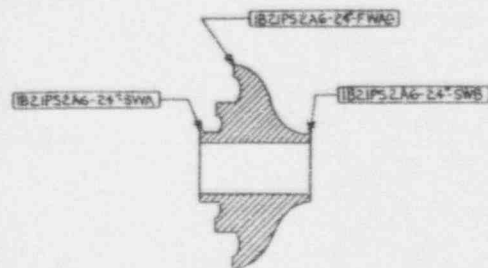
C-24004 SHEET 1-1

DMTISI



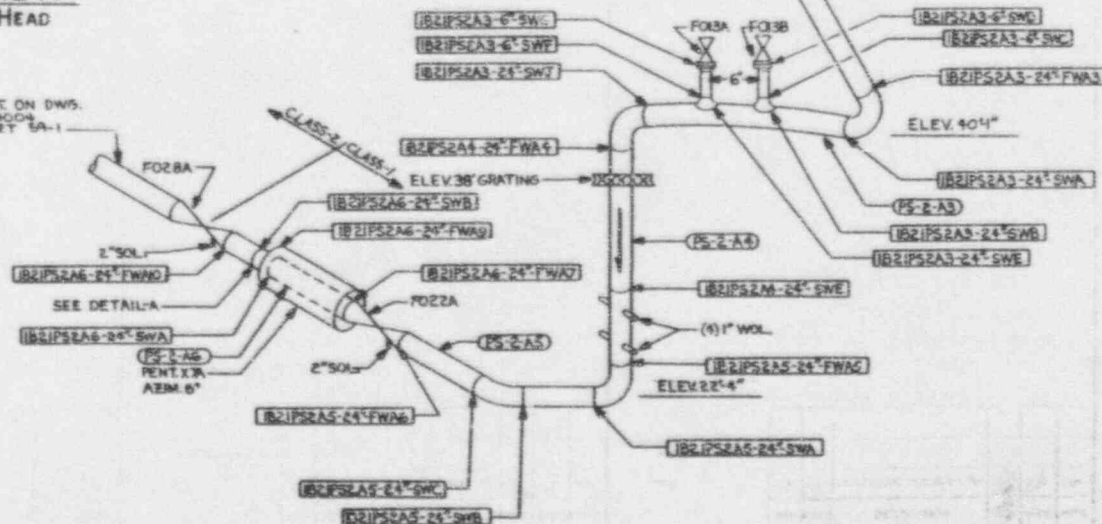




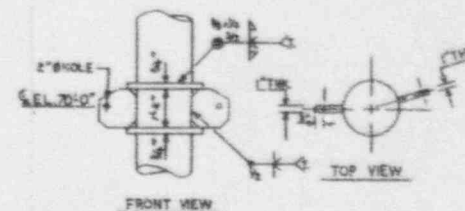


DETAIL-A  
FLUED-HEAD

CONT. ON DWG.  
C-2400A  
SHEET 5A-1



NOTE: VALVE DESIGNATION 1-B2I-XXXX  
EX: 1-B2I-FO2BA



DETAIL-B  
MARK NO. IPEN-AECH25

(SWRI FIG. A34A)

NO.	DESCRIPTION	DATE	BY
0	PRINT ISSUE FOR WELDING	6/1	WJ
1	DESCRIPTION	6/1	WJ
CAROLINA POWER & LIGHT CO. BRUNSWICK STEAM ELECTRIC PLANT			
LIGHT NO. 1			
RESERVE INSPECTION (ISOMETRIC FOR PRIMARY STEAM SYSTEM LOOP A)			
WELD LOCATION			
ASME CLASS 1			
C-2400A SHEET 6-1			

DATE: 6/1/80  
BY: E. HAUBNER  
CHK: M. A. R. L. HUBER

OMISI

DETAIL-A  
 FLUED-HEAD

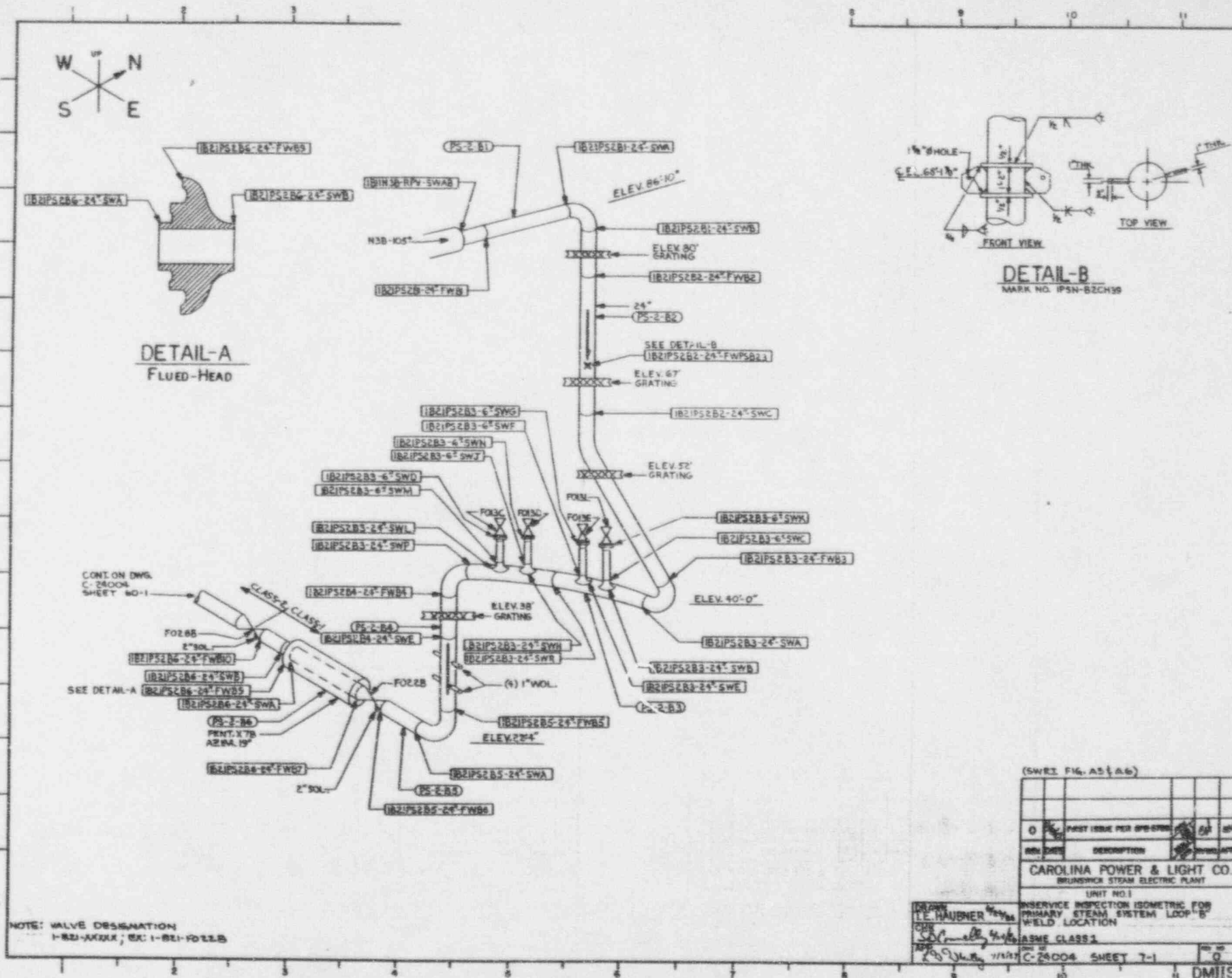
DETAIL-B  
 MARK NO. IPSN-BZCH39

NOTE: VALVE DESIGNATION  
 1-BZ-XXXX; 2-BZ-XXXX

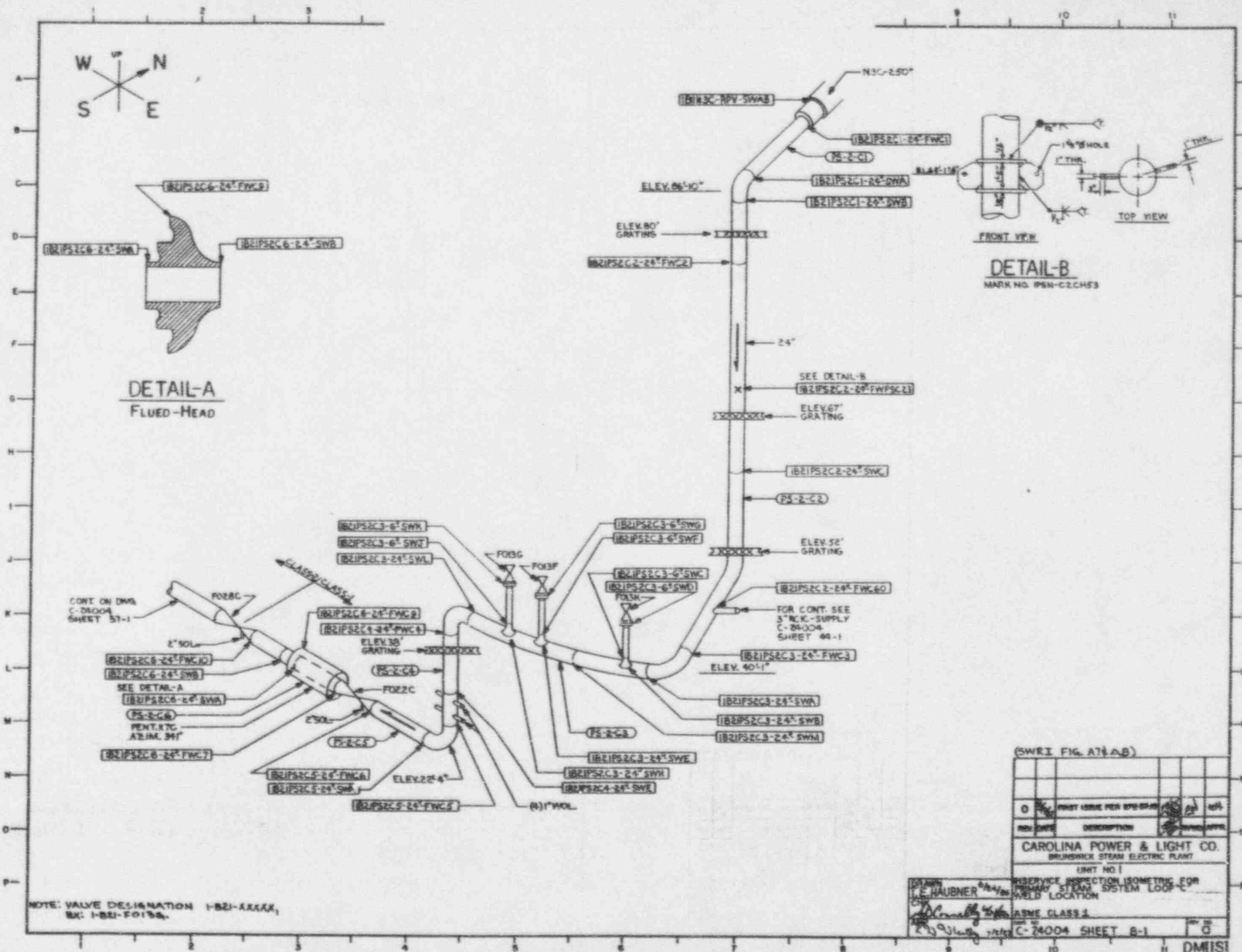
(SWRZ FIG. A5 & A6)

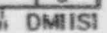
REV	DATE	DESCRIPTION	BY	CHK
0		ISSUE PER SPECIFICATION		
CAROLINA POWER & LIGHT CO.				
BRUNSWICK STEAM ELECTRIC PLANT				
UNIT NO. 1				
INSERVICE INSPECTION ISOMETRIC FOR				
PRIMARY STEAM SYSTEM LOOP-B				
WELD LOCATION				
CLASS 1				
C-24004 SHEET 7-1				

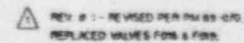
DATE 1/83  
 BY J. HAUBNER  
 CHK J. HAUBNER  
 APP J. HAUBNER





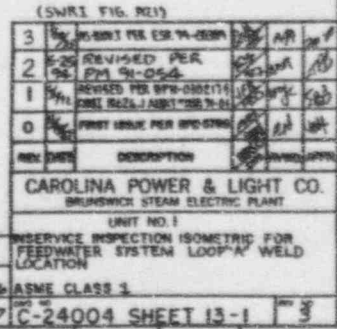




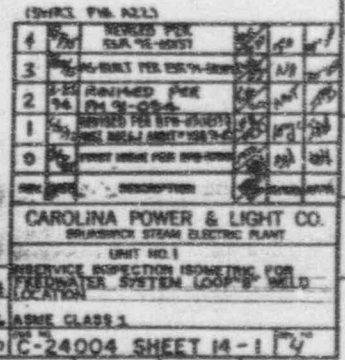


DWG. NO. C-24004 SHEET 10-1	REV. # 1
-----------------------------	----------

APPROVED BY S. D. CONNELLY 4/26/91 *SK*





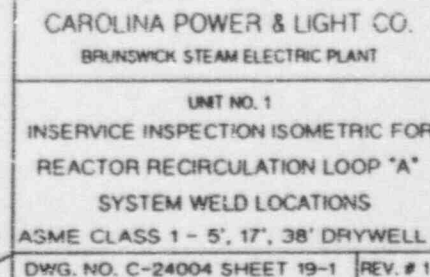




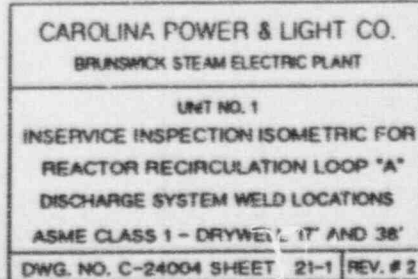
STANLEY  
E. HAUSER  
6/14/86  
IN-SERVICE PROTECTION ISOMETRIC FOR  
RIP IN INSTRUMENTATION SYSTEM WELD



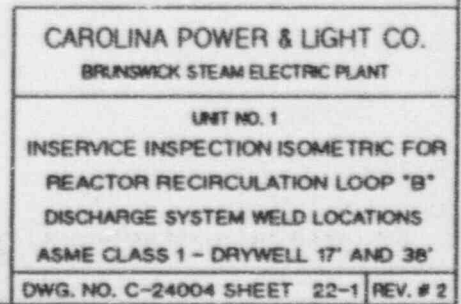






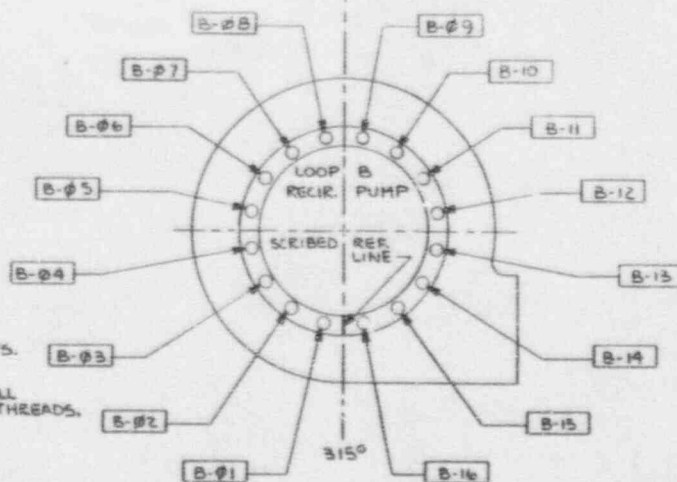
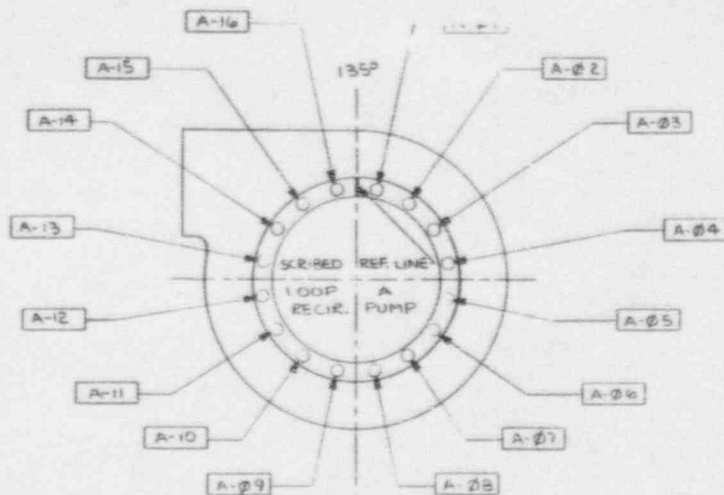
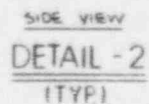












1. 1B32-ST-☐: THE STUDS ARE LISTED INDIVIDUALLY, EX. 1B32-ST-A-Q1, 1B32-ST-B-Ø1. B-24

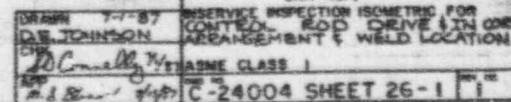
2. 1B32-NT-A-(-1-16)  
1B32-NT-B-(-1-16) } IDENTIFIES ALL NUTS. B-6

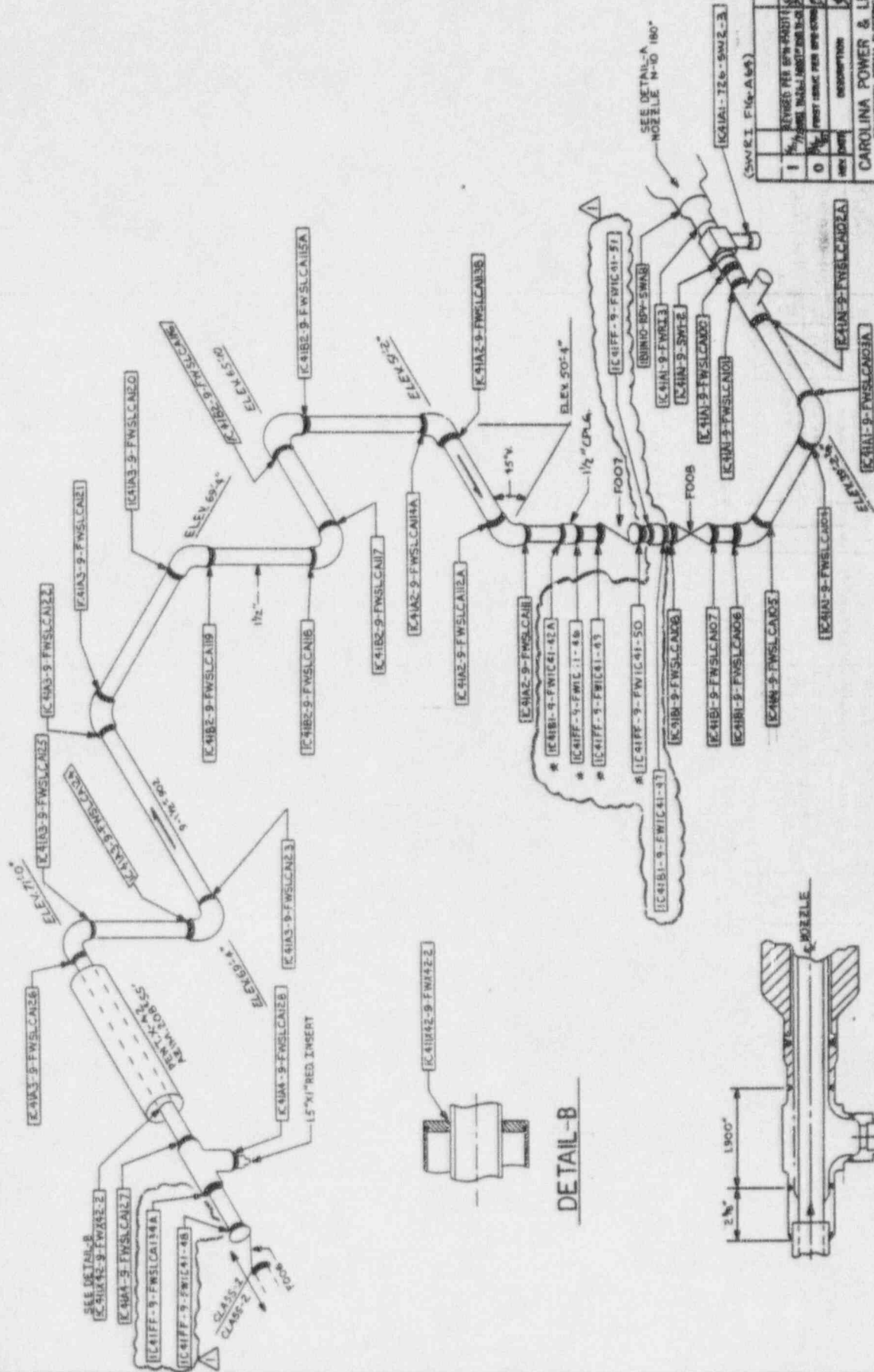
3. 1B32-PUMP A- FLA SURFACE } IDENTIFIES ALL  
1B32-PUMP B- FLA SURFACE } LIGAMENTS & THREADS.

4. 1B32 RECIE-2B-APUNT  
1B32 RECIE-2B-BPUNT } PUMP INTERNAL SURFACES

DETAIL - I

0	FIRST ISSUE PER SPECIES				
REV	DATE	DESCRIPTION			APPROVED
CAROLINA POWER & LIGHT CO.					
BRUNSWICK STEAM ELECTRIC PLANT					
UNIT NO. 1					
INSERVICE INSPECTION ISOMETRIC FOR REACTOR RECIRCULATION LOOP A & B PUMPS STUDS & NUTS LOCATION ASME CLASS 1					
DWG NO K-24-004		SHEET 25-1			REV NO 0



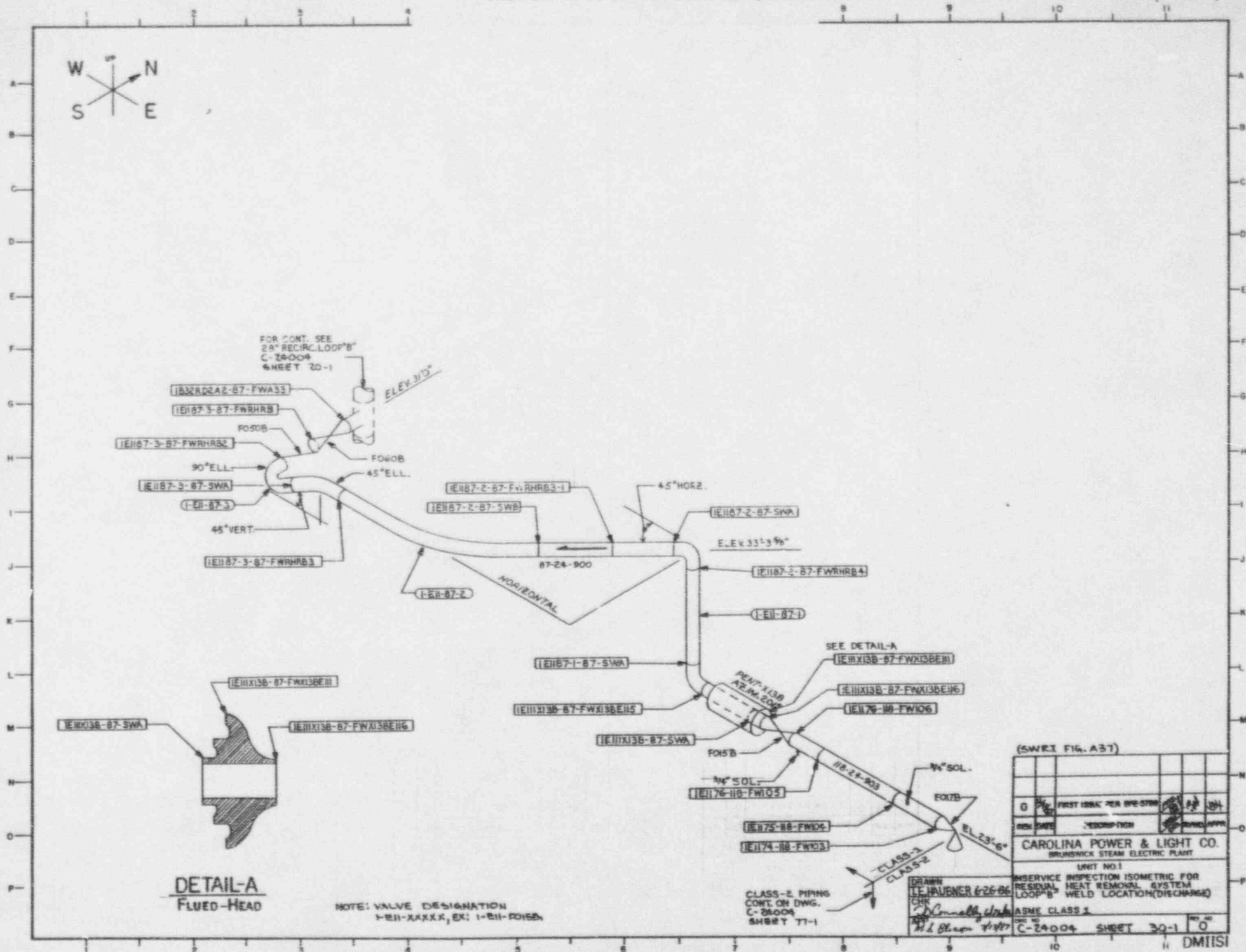


NOTE:  
COMPONENTS PREFIXED

DETAIL-A  
NOZZLE N-10

REF: DR 87-0101

UNIT NO. 1  
RESERVE INSPECTION MONITORING FOR  
STANDARD AND CONTROL SYSTEM  
WELD LOCATION







NOTE: VALUE DESIGNATION 1-23-1000  
SEE 1-23-1000

APPROVED BY

S. D. CONNELLY 02/08/91

CAROLINA POWER & LIGHT CO.  
BRUNSWICK STEAM ELECTRIC PLANT

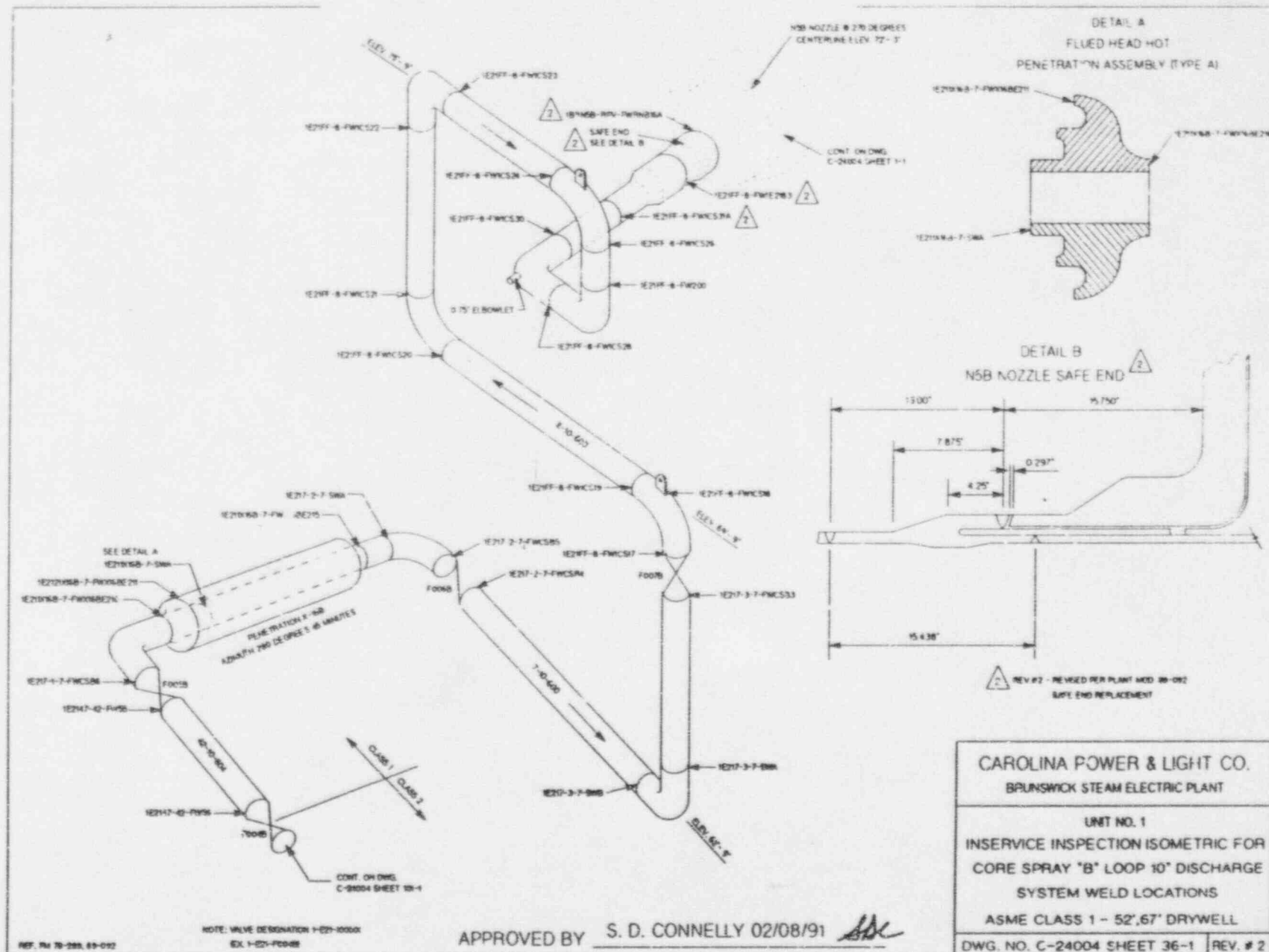
UNIT NO. 1

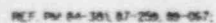
INSERVICE INSPECTION ISOMETRIC FOR  
CORE SPRAY "A" LOOP 10" DISCHARGE  
SYSTEM WELD LOCATIONS

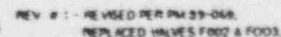
ASME CLASS 1 - 52'.67' DRYWELL

DWG. NO. C-24004 SHEET 35-1	REV. # 2
-----------------------------	----------



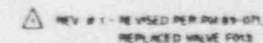






DWG. NO. C-24004 SHEET 40-1 REV. # 1

SSC



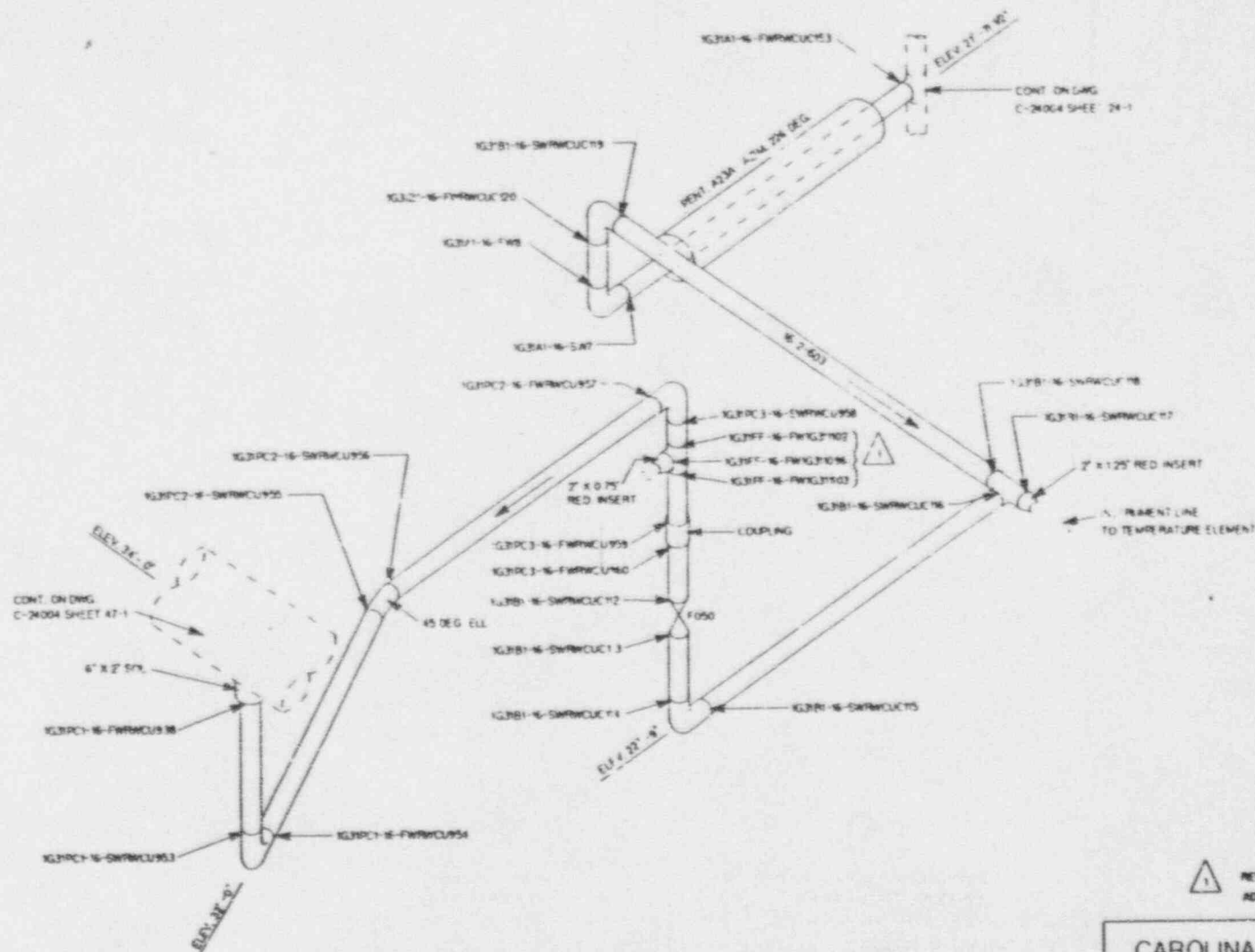
DWG. NO. C-24004 SHEET 43-1 REV. #1

APPROVED BY S. D. CONNELLY 4/26/91

SSC







REV. #1 - REVISED PER PM 89-072.  
 ADDED LLRT TEST CONNECTION.

CAROLINA POWER & LIGHT CO.  
 BRUNSWICK STEAM ELECTRIC PLANT

UNIT NO. 1  
 INSERVICE INSPECTION ISOMETRIC FOR  
 REACTOR WATER CLEAN-UP SYSTEM  
 WELD LOCATION

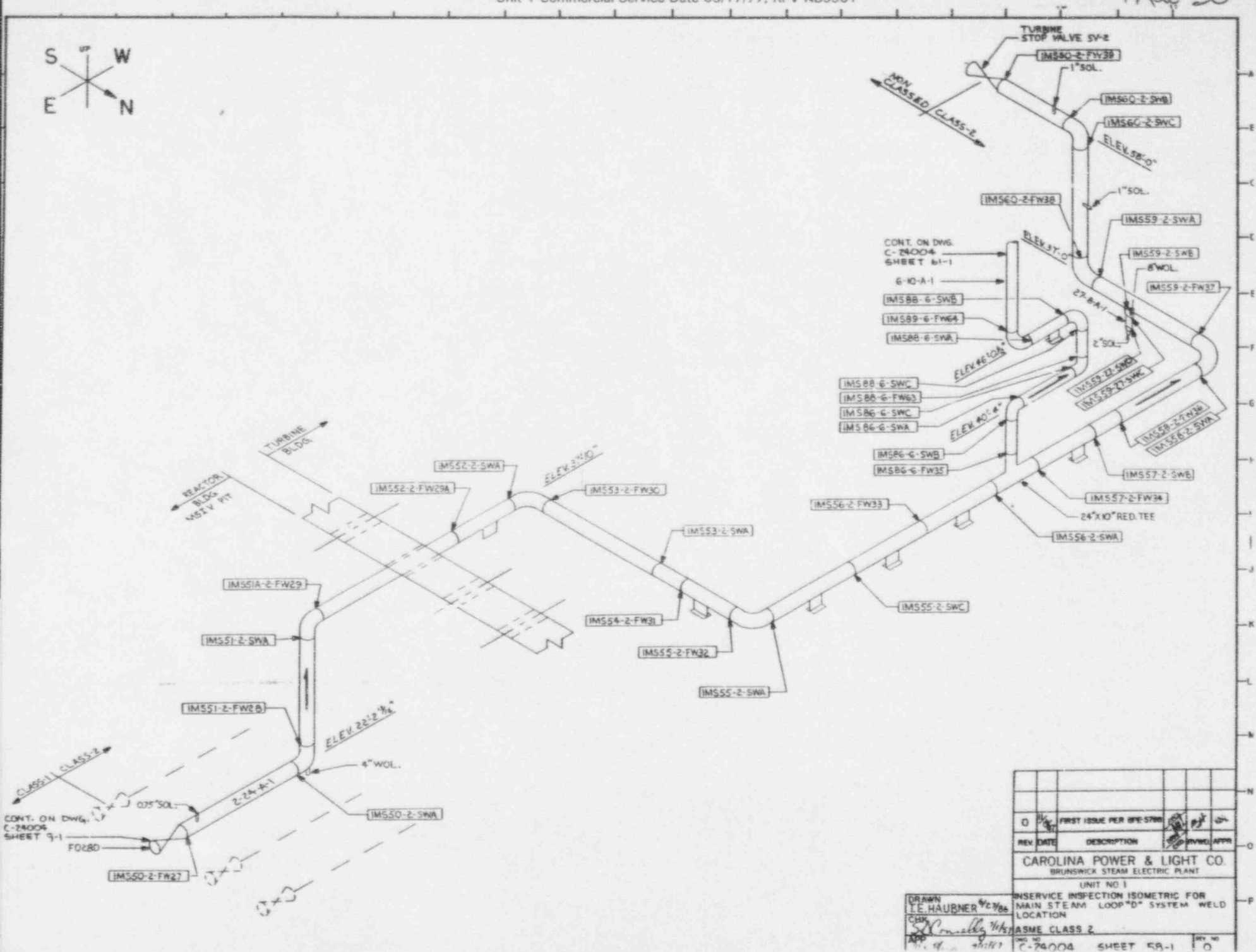
ASME XI CLASS 1 - 17' DRYWELL

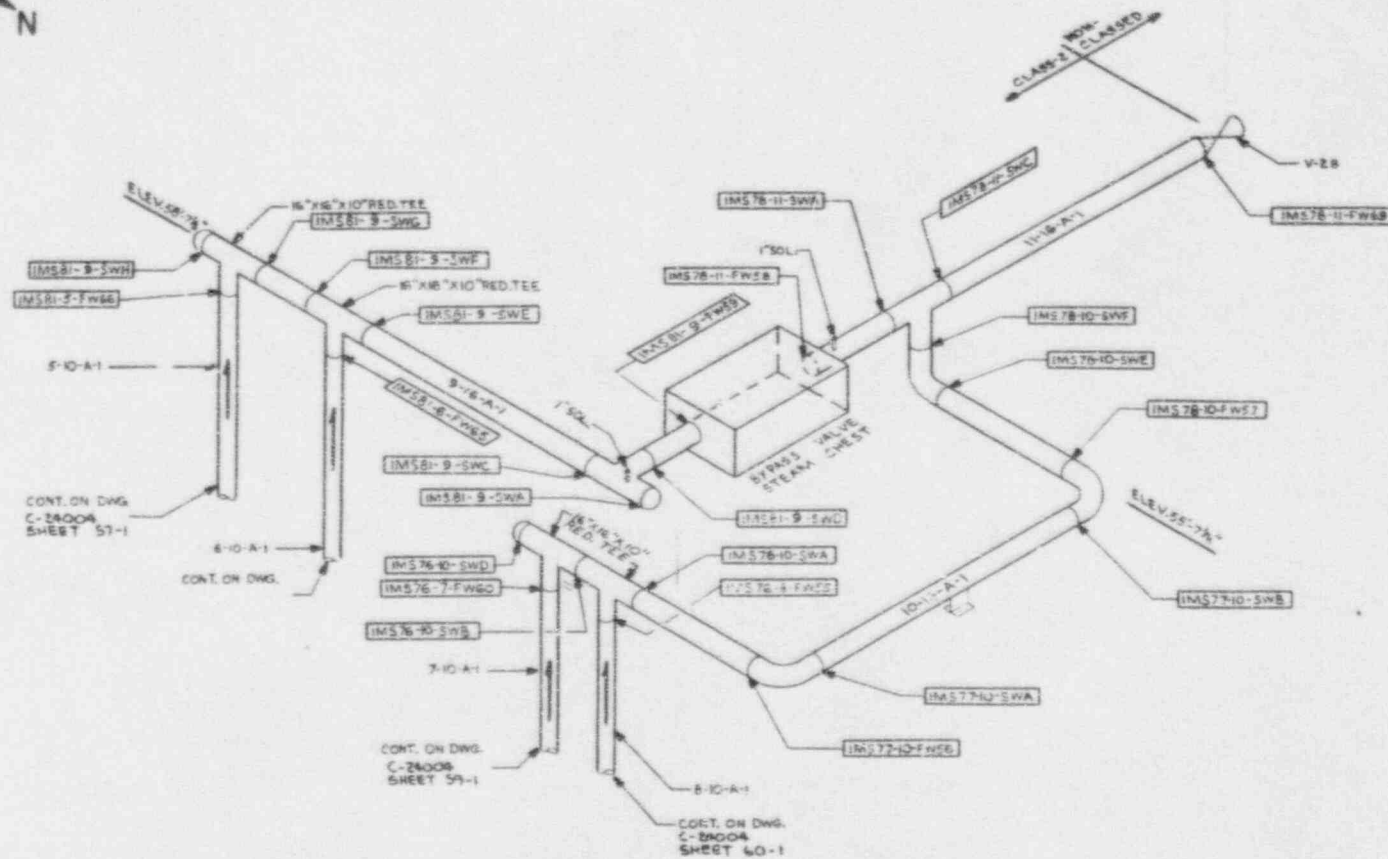
DWG. NO. C-24004 SHEET 49-1 REV. #1

NOTE: VALVE DESIGNATION  
 1-G31-1000, EX. 1-G31-F050

APPROVED BY S. D. CONNELLY 4/26/91 *SDC*

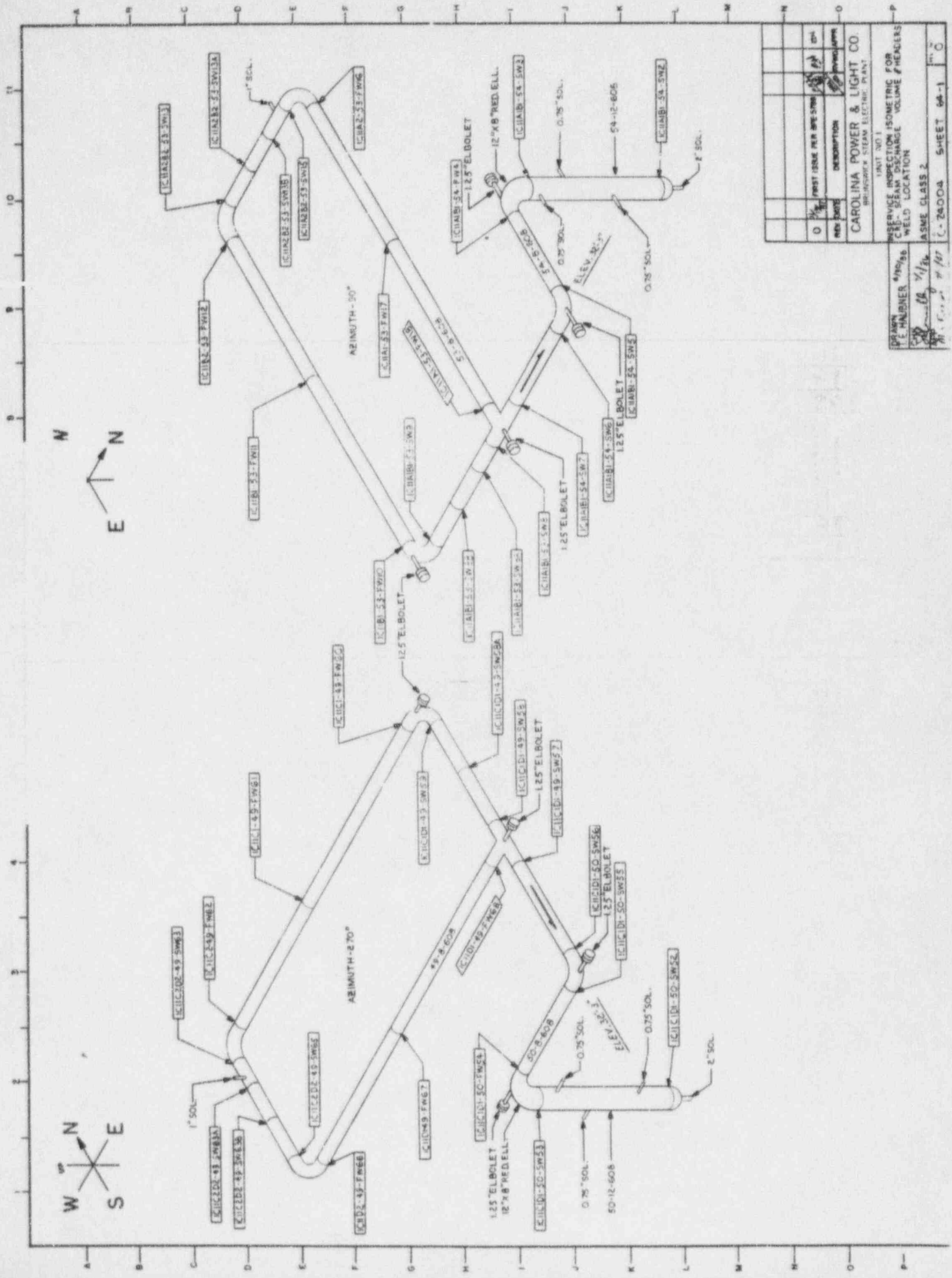






0	FIRST ISSUE PER SPEC				
REV	DATE	DESCRIPTION			
CAROLINA POWER & LIGHT CO.					
BRUNSWICK STEAM ELECTRIC PLANT					
UNIT NO 1					
INSERVICE INSPECTION ISOMETRIC FOR					
MAIN STEAM BY PASS CHEST PIPING					
SYSTEM WELD LOCATION					
ASME CLASS 2					
C-24004 SHEET 61-1				REV NO	0

DRAWN  
 T. E. HAUBNER  
 CHN  
 12/7/76  
 11/17/77

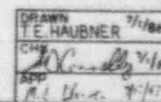


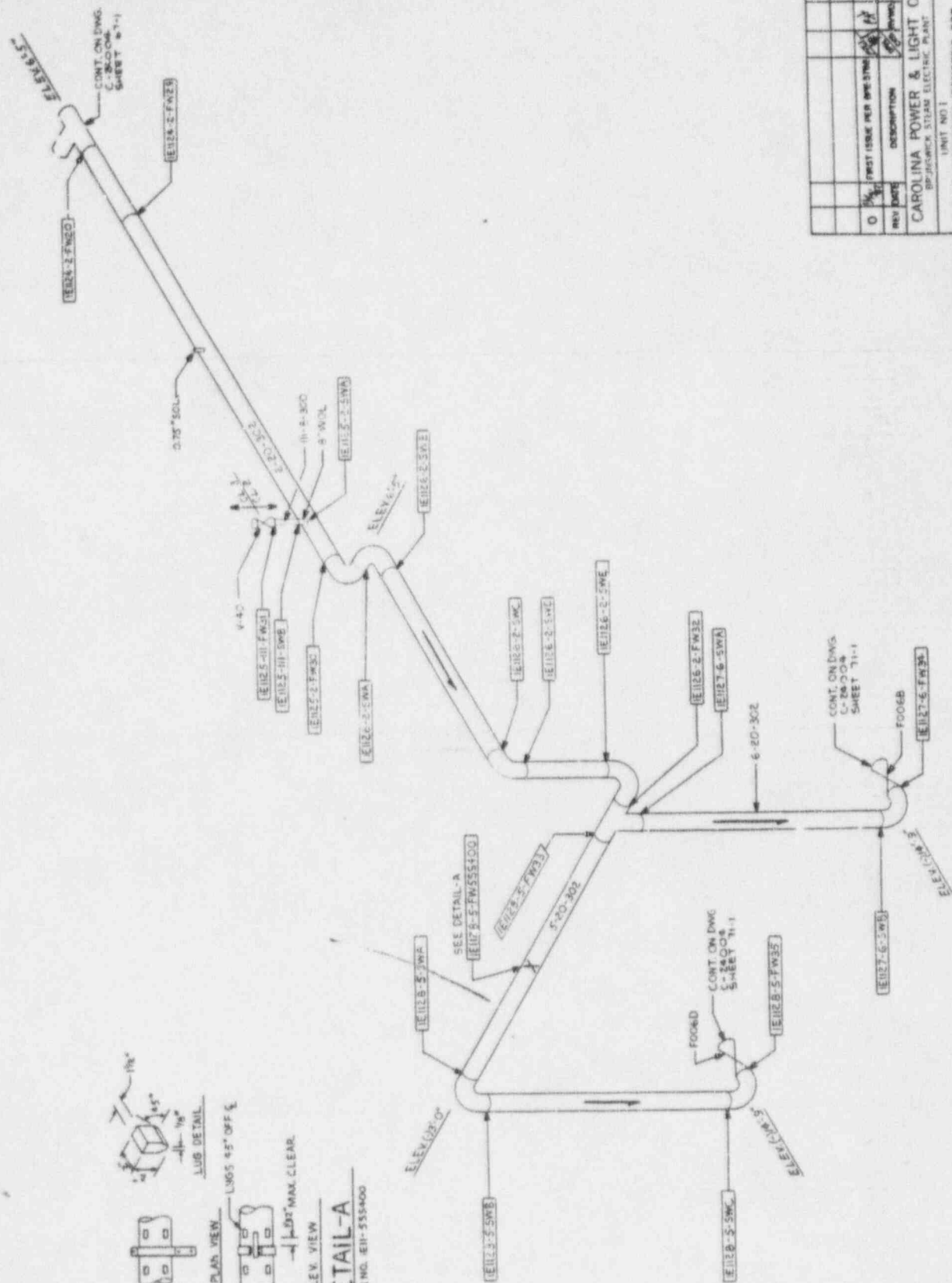
REV	DATE	DESCRIPTION	BY	CHK
0	10/1/76	FIRST ISSUE PER SHEET	W. H. HUBNER	W. H. HUBNER
1	11/1/76	REVISION	W. H. HUBNER	W. H. HUBNER

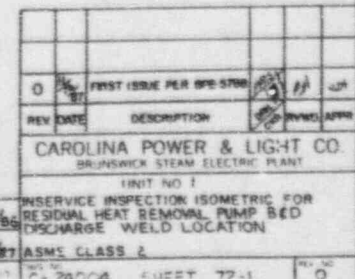
  

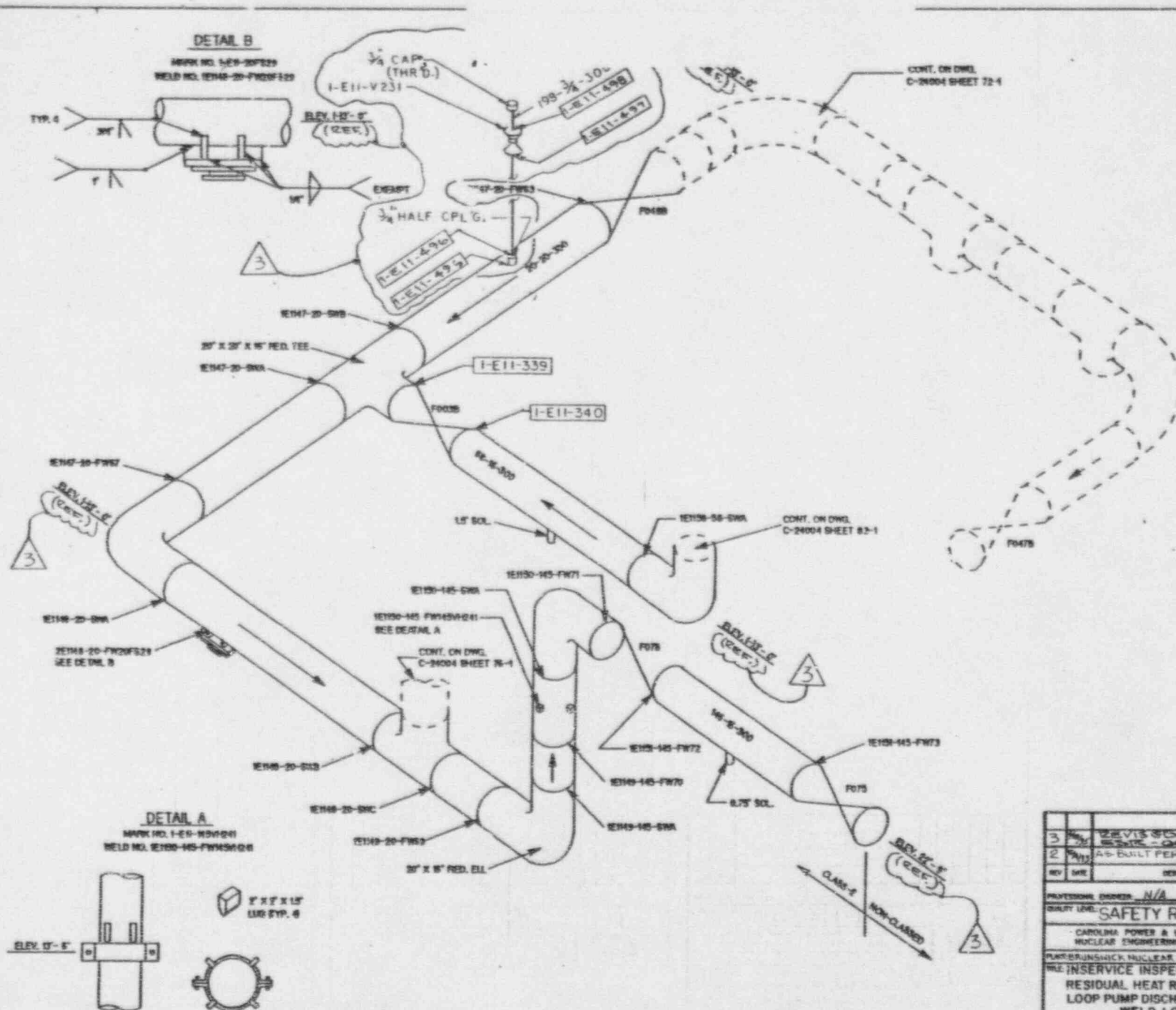
CAROLINA POWER & LIGHT CO.	
BRUNSWICK STEAM ELECTRIC PLANT	
UNIT NO. 1	INSERVICE INSPECTION ISOMETRIC FOR
WELD LOCATION	CR-1 STEAM DISCHARGE VOLUME
WASME CLASS 2	
DATE: 11/1/76	BY: W. H. HUBNER
CHECKED: 11/1/76	BY: W. H. HUBNER
DESIGNED: 11/1/76	BY: W. H. HUBNER
SHEET 68-1	OF 1





[illegible]



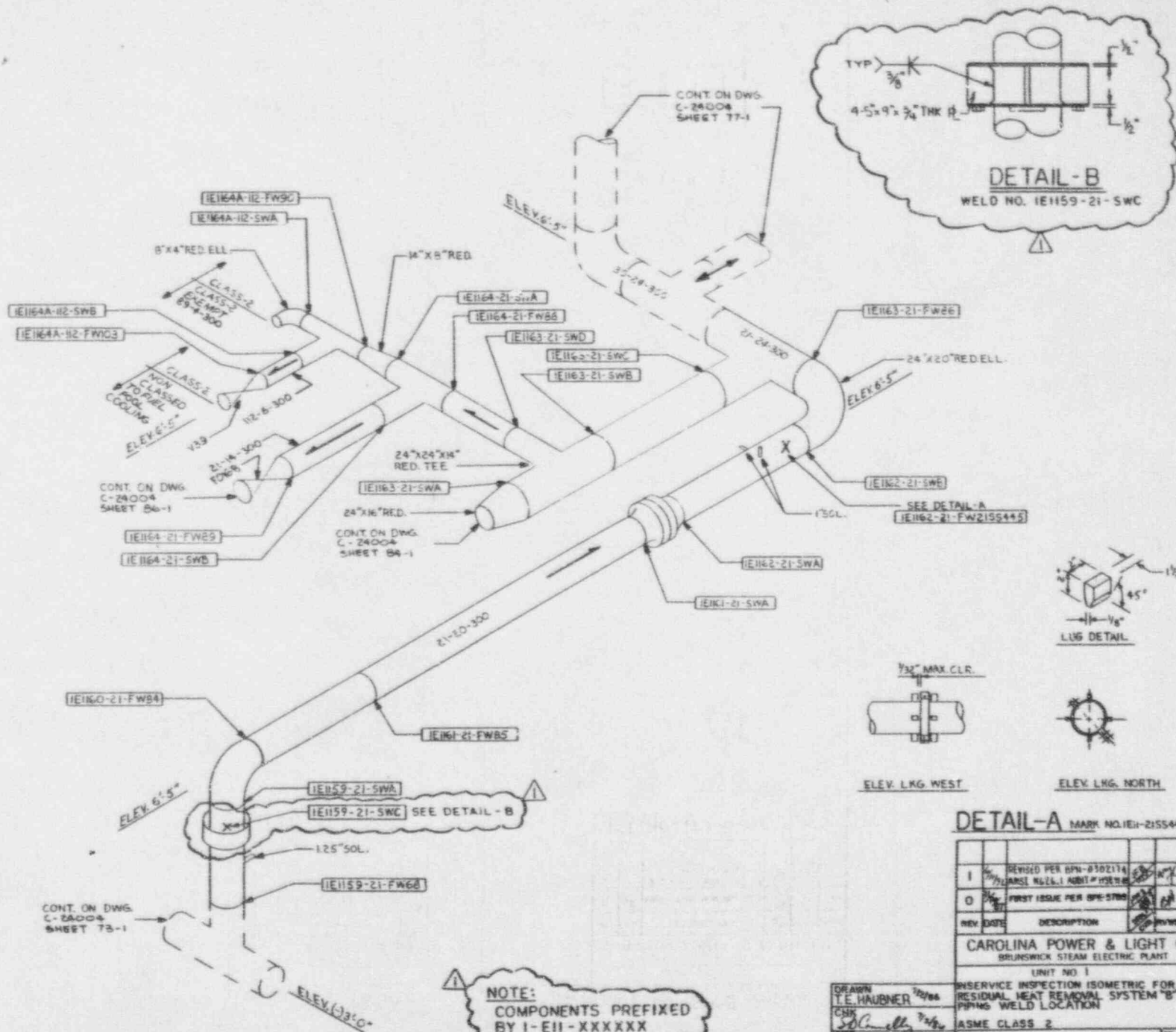


3	REVISED PER	DATE	BY	CHKD	APPD
2	AS-BUILT PER RM. 90-035	04-08-77	WJ	WJ	WJ
REV	DATE	DESCRIPTION	REVISION	DATE	BY
PROVISIONAL ENGINEER: N/A					
QUALITY LEVEL: SAFETY RELATED					
CAROLINA POWER & LIGHT COMPANY NUCLEAR ENGINEERING DEPARTMENT				CP&L	
PUMP-BRUNSWICK NUCLEAR PROJECT UNIT 1				PONE: N/A	
FILE: INSERVICE INSPECTION ISOMETRIC FOR RESIDUAL HEAT REMOVAL SYSTEM "B" LOOP PUMP DISCHARGE HEADER WELD LOCATION ASME CLASS 2 - RB - 17' B 20' ELEV.					
DWG. C-24004					

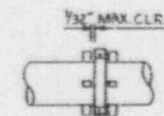
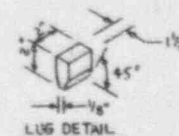








**DETAIL-B**  
 WELD NO. IE1159-21-SWC

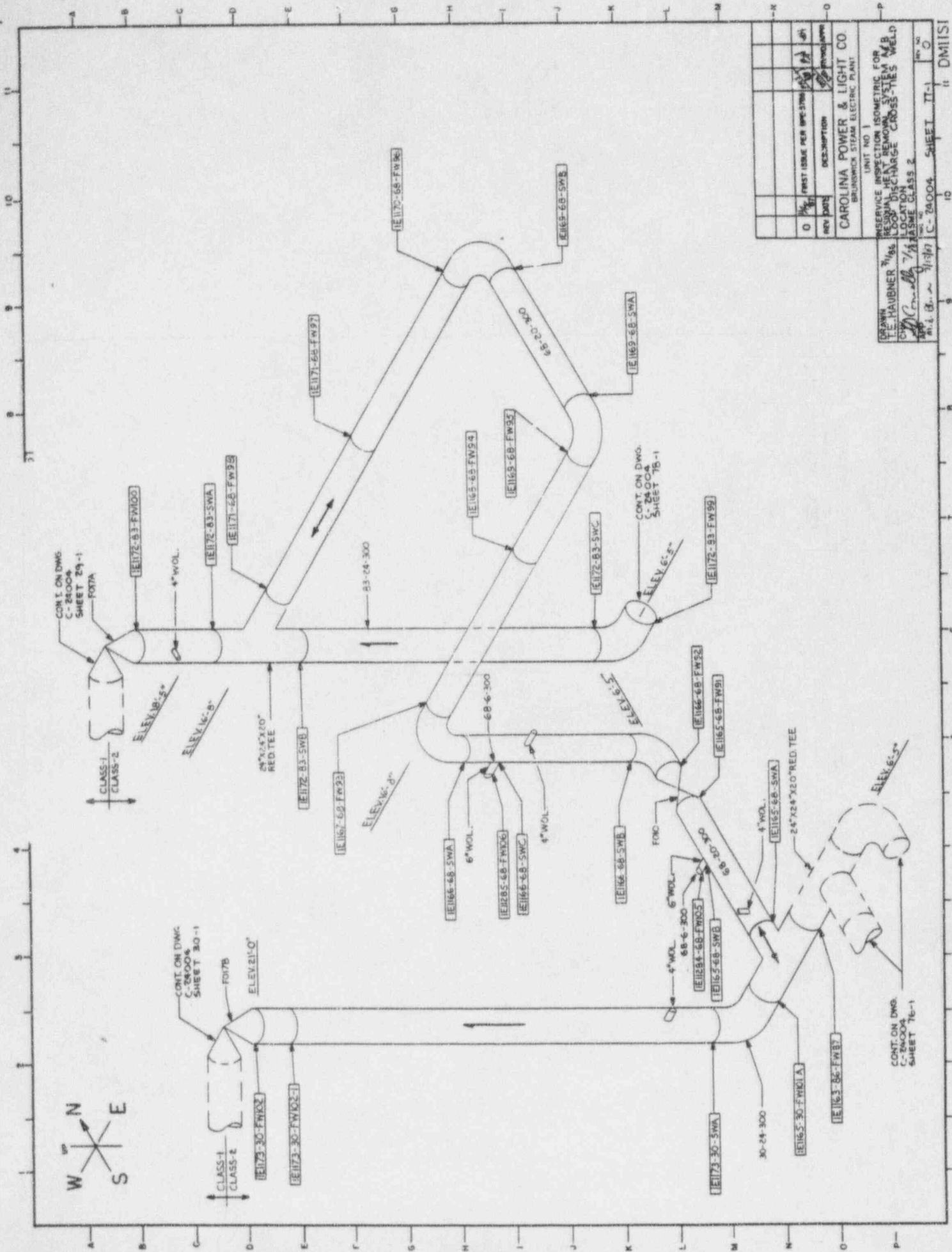


**DETAIL-A** MARK NO. IE11-215544-5

REV	DATE	DESCRIPTION	BY	APP
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0		FIRST ISSUE PER BPN-5780		
REV	DATE	DESCRIPTION	BY	APP
CAROLINA POWER & LIGHT CO.				
BRUNSWICK STEAM ELECTRIC PLANT				
UNIT NO. 1				
PRE-SERVICE INSPECTION ISOMETRIC FOR RESIDUAL HEAT REMOVAL SYSTEM B-LOOP PIPING WELD LOCATION				
ASME CLASS 2				
C-24004 SHEET 76-1				

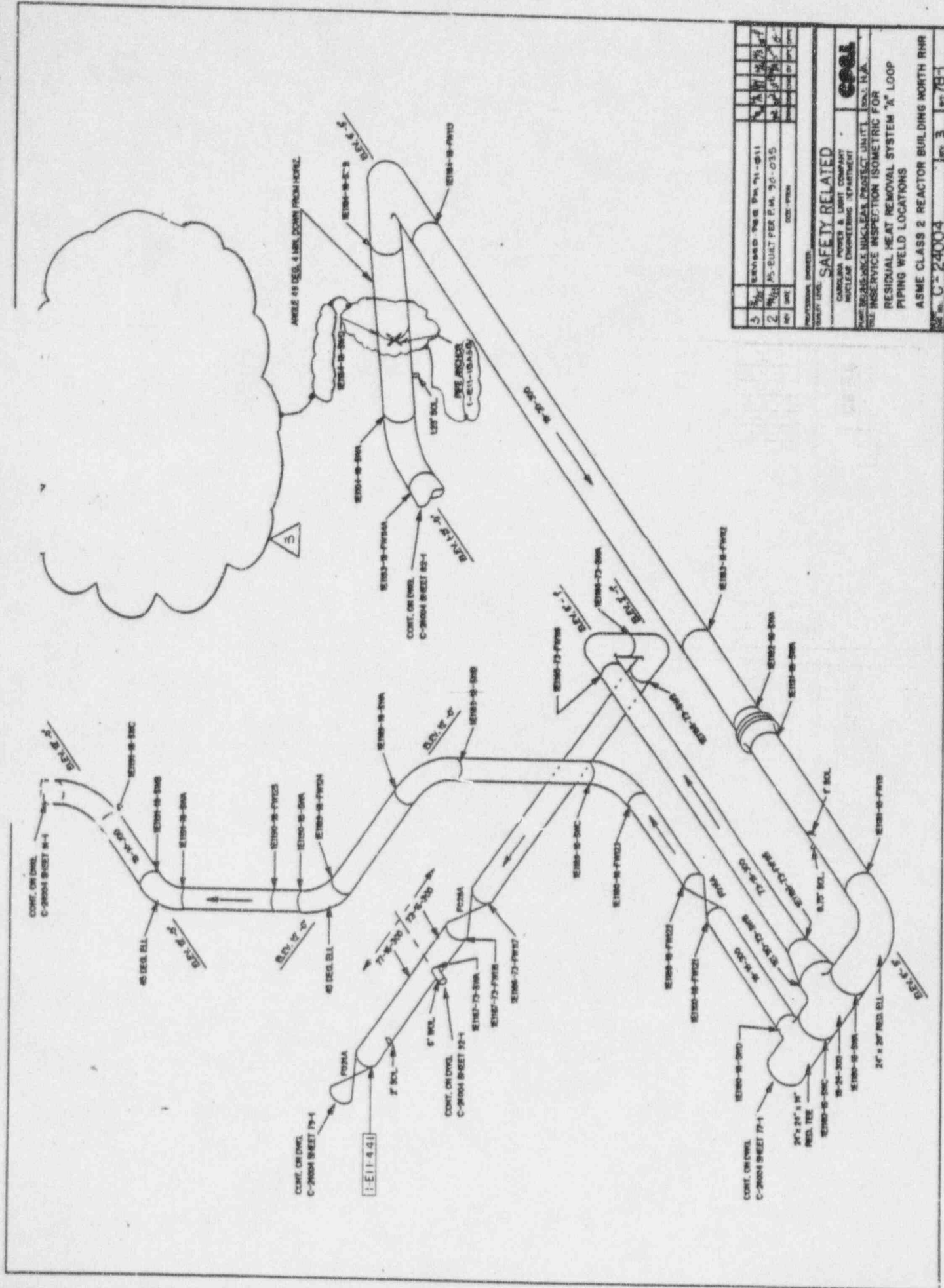
**NOTE:**  
 COMPONENTS PREFIXED  
 BY I-E11-XXXXXX

PAGE 39



REV	DATE	DESCRIPTION
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2	11/1/77	REVISIONS TO SPECIFICATION
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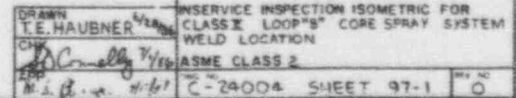
UNIT NO 1  
 CAROLINA POWER & LIGHT CO.  
 BRUNSWICK STEAM ELECTRIC PLANT  
 INSERVICE INSPECTION ISOMETRIC FOR  
 REMOVAL HEAT REMOVAL SYSTEM A/B  
 LOCATION DISCHARGE CROSS-TIES WELD  
 CLASS 2  
 C-24004 SHEET 11-1  
 DMI/ISI



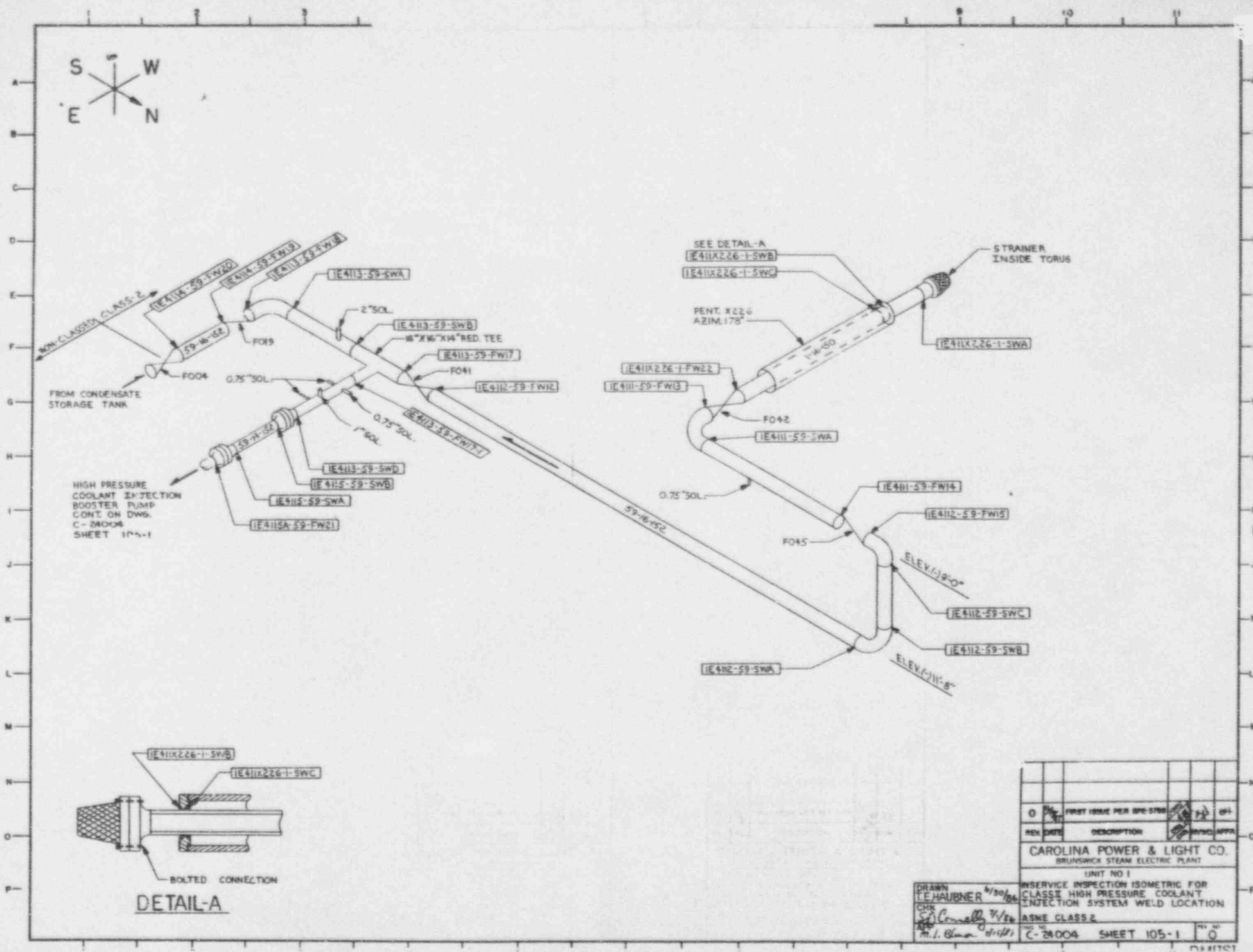
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2	AS-BUILT PER P.M. 70-035	DATE	BY
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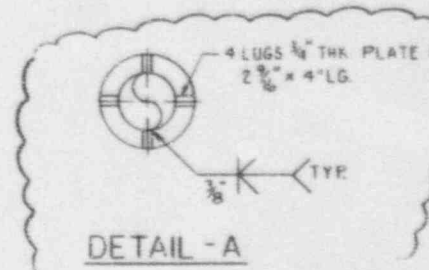
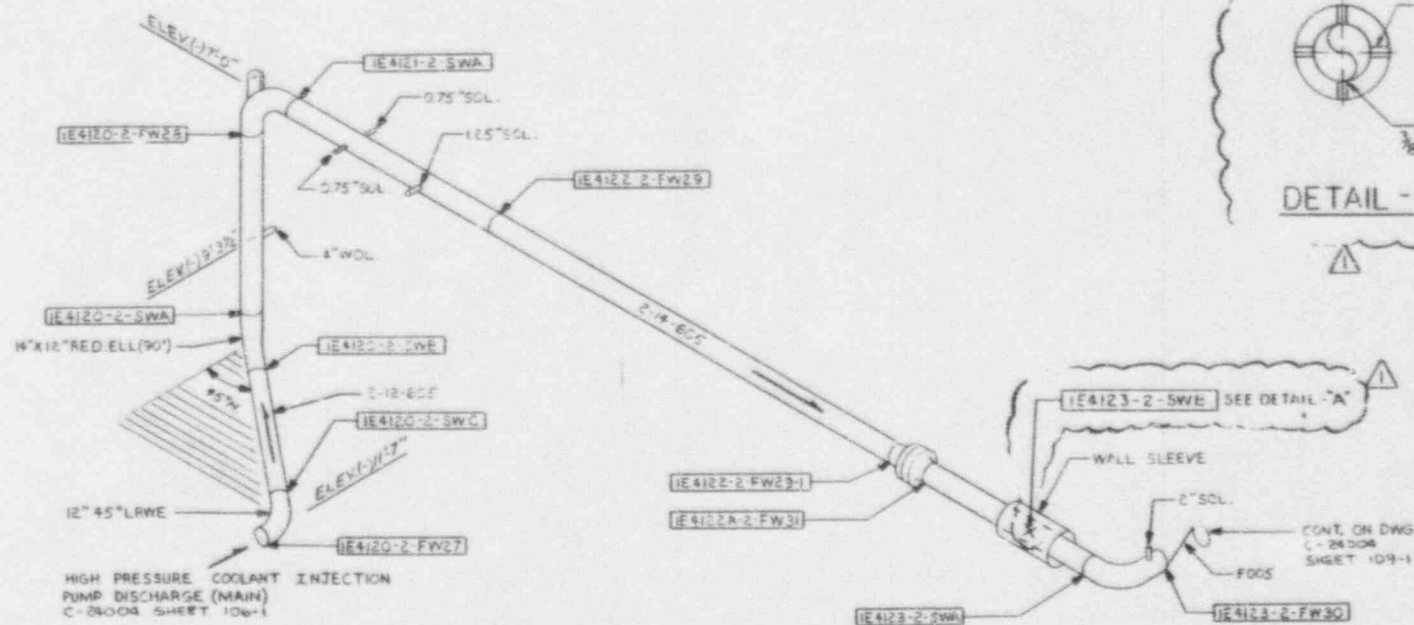


DETAIL-A

0	FIRST ISSUE PER SPEC	0	0
REV	DATE	DESCRIPTION	BY
CAROLINA POWER & LIGHT CO.			
BRUNSWICK STEAM ELECTRIC PLANT			
UNIT NO 1			
INSERVICE INSPECTION ISOMETRIC FOR			
CLASS II HIGH PRESSURE COOLANT			
INJECTION SYSTEM WELD LOCATION			
ASME CLASS 2			
C-28004 SHEET 105-1			

DRAWN  
 T. HUBNER 6/30/86  
 CHK  
 S. Connelly 7/1/86  
 M. J. Blum 11/1/81





NOTE:  
 COMPONENT PREFIXED  
 BY 1-E41-XXXXXX

REV	DATE	DESCRIPTION	BY	CHK
1		REVISED PER BPN-038176		
0		FIRST ISSUE PER BPN-038176		
CAROLINA POWER & LIGHT CO. BRUNSWICK STEAM ELECTRIC PLANT				
UNIT NO 1				
INSERVICE INSPECTION ISOMETRIC FOR CLASS II HIGH PRESSURE COOLANT INJECTION SYSTEM WELD LOCATION				
ASME CLASS 2				
C-24004 SHEET 107-1				1

DRAWN  
 T.E. HAUBNER  
 CHK  
 J.C. [Signature]  
 APP  
 M.L. [Signature]



CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602  
BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461  
UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)

**SECTION 10.0**

**NIS-2 FORMS**

**CAROLINA POWER AND LIGHT COMPANY, POB 1551, RALEIGH, NC 27602**  
**BRUNSWICK STEAM ELECTRIC PLANT, POB 10429, SOUTHPORT, NC 28461**  
**UNIT 1, COMMERCIAL SERVICE DATE 03/17/77, NB#3901(RPV)**

10.0 NIS-2 FORMS LISTING - 1 sheet each

Work Request/Job Order No.	Work Request/Job Order No.
94-ALGS1 & 94-ALGS2 (Fitting)	95-ADHR1 (Snubbers)
93-BAC11 (Support)	94-APYA1 (Snubber)
94-AJK1 (Snubber)	94-APWJ1 (Snubber)
94-AHTR1 (Fitting)	94-APXU1 (Snubber)
AHYT001 (Valve)	94-APWA1 (Snubber)
94-AHTS1 (Fitting)	94-APWF1 (Snubber)
94-AHTT1 (Fitting)	94-APXT1 (Snubber)
93-ASGQ1 (Snubber)	94-APWP1 (Snubber)
94-AKKL1 (Fitting)	94-APXP1 (Snubber)
93-BBDX1 (Snubber)	94-APXN1 (Snubber)
94-AHTC1 (Valve)	94-APWT1 (Snubber)
94-AECR1 (Valve)	94-APYJ1 (Snubber)
94-AGDN1 (Fitting & Screws)	95-ADJC1 (Snubber)
94-AJFN1 (Fitting & Screws)	95-ACTW1 (Fitting)
94-AECS1 (Fitting & Screws)	AJHZ001 (Fitting)
94-AECT1 (Fitting & Screws)	93-ASGP1 (Snubber)
94-AECU1 (Fitting & Screws)	94-APXW1 (Snubber)
94-AECW1 (Fitting & Screws)	
94-AECX1 (Fitting & Screws)	
94-AECY1 (Fitting & Screws)	
94-AEMP1 (Fitting & Screws)	
94-AEMQ1 (Fitting & Screws)	
94-AEMR1 (Fitting & Screws)	
94-AEMT1 (Fitting & Screws)	
94-AETB1 (Fitting & Screws)	
94-AFAZ1 (Fitting & Screws)	
94-AFBA1 (Fitting & Screws)	
94-AFBB1 (Fitting & Screws)	
94-AGDM1 (Fitting & Screws)	
94-AJMA1 (Fitting & Screws)	
94-AFBC1 (Fitting & Screws)	
94-AFLC1 (Fitting & Screws)	
94-AGDL1 (Fitting & Screws)	
94-AJUG1 (Fitting & Screws)	
94-AKQW1 (Fitting & Screws)	
94-ACAX1 (Valve)	
94-ANZP1 (Fitting & Screws)	
94-AQCK1 (Fitting & Screws)	
94-AGDL1 (Fitting & Screws)	
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94-AKQW1 (Fitting & Screws)	
94-AQDT1 (Fitting & Screws)	
95-AAIF1 (Fitting & Screws)	
95-ABLG1 (Fitting & Screws)	
95-ABLI1 (Fitting & Screws)	
95-ABLJ1 (Fitting & Screws)	
95-ACXK1 (Support)	
95-ADLK1 (Snubber)	
95-ADMH1 (Snubber)	
95-ADHA1 (Bolting)	
ANHU002 (Studs & nuts)	
94-APWS1 (Snubber)	
94-APXQ1 (Snubber)	
93-AQQH1 (Bolting)	
93-AQQI1 (Bolting)	
94-APYG1 (Snubber)	
94-APWN1 (Snubber)	
94-APYC1 (Snubber)	
94-APWG1 (Snubber)	
94-AMCRD (Torus Liner)	

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 2"x 3/4" Reducing Insert

1-94-100X

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

1. Owner Carolina Power & Light Company Date July 6, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 94-ALGS1 & 94-ALGS2  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Instrument Air
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Insert	Guyton Alloys	N/A	N/A	HT# 063B POB33900	1995	Replacement	No

7. Description of Work Replacement of insert for downsizing of pipe from 2" to 3/4"

8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☐  
Other ☐ Pressure 137.5 psi Test Temp. Ambient °F

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Class 2

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed Ken Gair IMPLEMENTATION COORDINATOR Date 7-1, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period 5/11/94 to 7/12/94, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Note: Exempt from IWA 7000 By Size 24" x 24" x 1/2" 7/1/95  
Inspector's Signature Garry L. [Signature] Commissions NO 930 N/A  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-44CH151

1-94-010

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 93-BAC11  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Support	Bergen Paterson	NA	NA	CP&L 739-949-31 PO #7K8418	1994	Replacement	No

7. Description of Work Replacement of bent support rod

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L. D. Dheaton PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Grady Young Commissions NC 990 PNI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/21 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-E21-40SS107

1-94-015

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AJIK1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Core Spray
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0819	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 92-ACKU1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Whalley PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Gary Young  
Inspector's Signature

Commissions NC 990 ABT  
National Board, State, Province, and Endorsements

Date 6/30 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-F055A

1-94-018

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AHTR1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal

5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flange	Dubose National Energy Service	HT #S1083	NA	CP&L 738-661-88 PO #8A0603	1994	Replacement	No

7. Description of Work Installation of blind flange per ESR 95-0210

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

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

FORM NIS-2 (Back)

9. Remarks None

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 L D Whalley PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Shack Spang Commissions NT 990 PAI  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 19 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-C41-F004A

1-94-019

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

1. Owner Carolina Power & Light Company Date June 12, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO AHYT001  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Standby Liquid Control
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Valve	General Electric	NA	NA	CP&L #697-664-67 PO #7N7388	1994	Replacement	Yes

7. Description of Work Replacement of squib valve assembly after firing per routine periodic test.
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks None

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 L. D. Whalley PMTR Developer Date June 12, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Herring Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date June 20 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-F055B

1-94-020

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

1. Owner Carolina Power & Light Company Date June 27, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AHTS1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flange	Dubose National Energy Services	HT #S1083	NA	CP&L #738-661-88 PO #8A0603	1994	Replacement	No

7. Description of Work Installation of blind flange per ESR 95-210

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks None

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 [Signature] PMTR Developer Date June 27, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/27 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-F097

1-94-021

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AHTT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B0W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flange	Dubose National Energy Services	HT #507WNF	NA	CP&L #740-139-21 PO #8A2704	1994	Replacement	No

7. Description of Work Installation of blind flange per ESR 95-0210

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

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

FORM NIS-2 (Back)

9. Remarks None

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 [Signature] PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 940 PVI  
Inspector's Signature National Board, State, Province, and Endorsements

Date June 14 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-89\$\$208

1-94-021A

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

1. Owner Carolina Power & Light Company Date July 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 93-ASGQ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal / RHR Service Water
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	1-E11-89\$\$208	1995	Repaired	No

7. Description of Work Removal of stiffener bars per EER 93-0429

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

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer'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 ASME Code, Section XI.  
repair or replacement

Type Code Symbol Stamp N/A

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

Signed L. D. D. Healy PMTR Developer Date July 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 7/07 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-SA-V448

1-94-025

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AKKL1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Service Air
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Pipe Cap	HUB Inc	HT #8099821	NA	CP&L #734-B36-B7 PO #B-34646	1987	Replacement	No

7. Description of Work Replacement of 1-SA-V448 with pipe cap per ESR 95-00212

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L D Wheatley PMTR Developer Date June 12, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Ernie Lanning Commissions NC 990 BAF  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/20 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-5SS17

1-94-026

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

1. Owner Carolina Power & Light Company Date July 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address

2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 93-BBDX1  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A

4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W21A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	None	1995	Repaired	NO

7. Description of Work Removal of spacer bar per EER 93-0554.

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

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer'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 ASME Code, Section XI. repair or replacement

Type Code Symbol Stamp N/A

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

Signed L. D. D'Arden PMTR Developer Date July 7, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-F013E

1-94-030

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

1. Owner Carolina Power & Light Company Date June 16, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AHTC<sup>1</sup>  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B0WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Target Rock	Model #600032-10	NA	Body Serial #142	1995	Replacement	No

7. Description of Work Replacement of SRV with refurbished spare

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks None

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 L. D. D. Heath PMTR Developer Date June 16, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Grady Huang  
Inspector's Signature

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/19 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-B21-F013J

1-94-031

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

1. Owner Carolina Power & Light Company Date June 16, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AECR1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Nuclear Boiler  
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Relief Valve	Target Rock	Model #6000062-10	NA	Body Serial #144	1995	Replacement	NA

7. Description of Work Replacement of SRV with refurbished spare

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L D Whittle PMTR Developer Date June 16, 19 95  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Andy Lawrence Commissions NC 990 DNT  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/19 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(38-39)

1-94-032

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AGDN1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A477B	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L D Whately PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Ludy L. L...

Commissions NC 990 ANI

National Board, State, Province, and Endorsements

Date 7/06 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(34-03)

1-94-034

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AJFN1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B0W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A8944	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Healey PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NP 990 PAI  
National Board, State, Province, and Endorsements

Date 7/06 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-B21-CRD(02-23)

1-94-035

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-AECS1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Nuclear Boiler  
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #2527	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JC 94-AKUS1

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 L. D. Wheatly PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young

Commissions NC 990 PWI  
National Board, State, Province, and Endorsements

Date 7/06 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(10-07)

1-94-036

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AECT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	N/A	NA	Flange #2580	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PD #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whately PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC990 PWT  
Date 7/05 19 95 National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(10-11)

1-94-037

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AECU1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3852	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Heather PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Grady Young Commissions NC 9930 API  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/85 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(10-39)

1-94-038

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-AECW1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A6366	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L D Whately PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Gudy Spring Commissions NC990 BNF  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/06 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(14-43)

1-94-039

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AECX1  
Address Owner Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3423	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Wheatley PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NBC 990 BWT  
Date 7/05 19 95  
National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(18-15)

1-94-040

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-AECY1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A8935	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. W. Healey PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady L. Young Commissions NC 990 DNT  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(18-51)

1-94-042

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AEMP1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3013	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. Whentley PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NC 990 BNI  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD (26-39)

1-94-043

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AEMQ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3438	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PD #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whittle PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Arady Hanning Commissions NC 990 ANT  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/7/ 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(30-47)

1-94-044

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AEMR1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80wP1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3977	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L 740-202-98 PD #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whitley PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Gladys Young Commissions NC990 BNI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/06 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(30-51)

1-94-045

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 94-AEMT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #9517	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whalley PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature]

Commissions NC 990 PWI  
National Board, State, Province, and Endorsements

Date 7/07 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(34-11)

1-94-046

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 94-AETB1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A9124	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed [Signature] PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC 990 ANI  
Date 7/07 1995 National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(38-47)

1-94-047

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AFAZ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #2783	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #85D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whately PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Garry Young Commissions NC 940 PNI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/10 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(42-39)

1-94-048

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

1. Owner Caroline Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AFBA1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #8644	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8505614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D D Heathers PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Shady Young

Commissions NI 990 BVI  
National Board, State, Province, and Endorsements

Date 7/06 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(42-47)

1-94-049

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AFBB1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 B6 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #6869	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PD #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Dheath PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period                      to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector 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 [Signature] Commissions NC 990  
National Board, State, Province, and Endorsements

Date 7/05 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(34-39)

1-94-050

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AGDM1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 B6 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #9285	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-2209B PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Whittle NTP Developer Date June 8, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NC 990 BNI  
National Board, State, Province, and Endorsements

Date 7/06 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(46-11)

1-94-051

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AJMA1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A9332	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #BD5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JD 94-AKUS1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L. Wheatley PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Shady Spang Commissions NC 940 ANI  
Date 7/07 19 95  
National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(46-19)

1-94-052

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JQ 94-AFBC1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #7236	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-9B PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L D Wheatley PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady L. Lamm Commissions NC 990 ANI  
Date 7/6 19 95 National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(18-31)

1-94-054

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AFLC1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #6589	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8505614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. D. Leath PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Leslie Young

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/30 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(34-07)

1-94-057

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AGDL1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A9004	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 conform 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 L. D. Whately PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Spang Commissions NT 990 PVI  
National Board, State, Province, and Endorsements

Date 7/17 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(18-03)

1-94-058

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AJUG1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3860	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JD 94-AKUS1

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 L D Whately PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 L D Whately Commissions NC990 ANI  
National Board, State, Province, and Endorsements

Date 7/05 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(50-23)

1-94-060

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AKOW1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3422	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKQW1

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 L. J. Wheatley PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period                      to                     , and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures described in this Owner's Report in accordance with the requirements of the ASME Code, Section XI.

By signing this certificate neither the Inspector 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.

Brady L. Jones Commissions NC 990 BVI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/06 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B32-F030

1-94-061

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

1. Owner Carolina Power & Light Company Date June 12, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461  
Address WR/JO 94-ACAX1  
Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461  
Address Authorization No. N/A  
Expiration Date N/A
4. Identification of System Reactor Recirculation
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
VALVE	Conval Inc	HT #A17293	NA	CP&L #931-534-96 PO #410487	1987	Replacement	No

7. Description of Work Valve replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks None

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 L. D. Whitley PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Shady Spring Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/23 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(10-47)

1-94-062

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-ANZP1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A5313	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-9B PO #BD5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 [Signature] PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC 990 ANI  
Date 7/05 19 95 National Board, State, Province, and Endorsements

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(46-23)

1-95-008

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AQCK1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A7558	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☒ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Healey PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Buddy Manning Commissions NC 99D ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/25 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(34-07)

1-95-014

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

1. Owner Carolina Power & Light Company Date June 15, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 94-AGDL1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case
- (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 30W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A9004	1995	Replacement	No
Cap Screws	General Electric	NA	NA	Lot #34399012 PO #8505614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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

ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L. D. Healey PMTR Developer Date June 15, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young

Commissions NC 990 ANI

National Board, State, Province, and Endorsements

Date 7/5 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(18-03)

1-95-016

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

1. Owner Carolina Power & Light Company Date June 15, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 94-AJUQ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3860	1995	Replacement	No
Cap Screws	General Electric	NA	NA	Lot #34399012 PO #B5D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JQ 94-AKUS1

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 L. D. Leath PMTR Developer Date June 15, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature]

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 7/15 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(50-23)

1-95-018

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

1. Owner Carolina Power & Light Company Date June 15, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-AKQW1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #3422	1995	Replacement	No
Cap Screws	General Electric	NA	NA	Lot #34399012 PO #8505614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 [Signature] PMTR Developer Date June 15, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/5 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(30-03)

1-95-025

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

1. Owner Caroline Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-AQDT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A3739	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-9B PO #BD5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L D Wheatle PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Andy Liang  
Inspector's Signature

Commissions NP 940 ANI  
National Board, State, Province, and Endorsements

Date 7/8/95 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD (18-07)

1-95-028

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 95-AA1F1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #4394	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Heasley PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Tracy Young Commissions NC 990 PVI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 7/07 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(30-19)

1-95-029

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

1. Owner Caroline Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ABLG1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A9132	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #8D5614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whately PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Shady Young

Commissions NC 990 API  
National Board, State, Province, and Endorsements

Date 7/06 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(38-31)

1-95-030

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ABLI1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #7593	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CPL #740-202-9B PD #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L D Whalley PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions N2990 PNI  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-CRD(42-43)

1-95-031

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JC 95-ABLJ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
CRD	General Electric	NA	NA	Flange #A3453	1995	Replacement	No
Cap Screws	General Electric	Lot #34399012	NA	CP&L #740-202-98 PO #805614	1995	Replacement	No

7. Description of Work Replacement of Control Rod Drive

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-AKUS1

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 L. D. Whately PMTR Developer Date June 8, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Shady Spang  
Inspector's Signature

Commissions NC 990 PWI  
National Board, State, Province, and Endorsements

Date 7/01 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E41-3PG250

1-95-032

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ACXK1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System High Pressure Coolant Injection
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Link Seal	Del Paggio & Co.	NA	NA	CP&L #698-890-55	1992	Replacement	No

7. Description of Work Replacement of link seal

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 [Signature] PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/21 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-RCC-73\$145

1-95-035

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ADLK1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Reactor Building Closed Water Cooling
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-1182	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BBKG1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Deally PMTR Developer Date June 8, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Grady Spung  
Inspector's Signature

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/30 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-87SS317

1-95-036

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

1. Owner Carolina Power & Light Company Date June 12, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ADMH1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-0326	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 92-BGXM1

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 L D D Heasley PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Stacy Young  
Inspector's Signature

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/27 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-CAC-V5

1-95-037

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ADHA1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Containment Atmospheric Control
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting	Mackson Inc.	HT #8887960	NA	CP&L #698-026-43 PO #383892	1995	Replacement	No

7. Description of Work Replacement of valve actuator mounting bolts per ACR N93-018

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L D Wheatley PMTR Developer Date June 13, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1994, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NBBO ANI  
National Board, State, Province, and Endorsements

Date 6/21 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-44-2-602

1-95-039

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

1. Owner Carolina Power & Light Company Date June 8, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO ANHU002  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Studs	Mackson Inc.	HT #680W155	NA	CP&L #734-97B-69 PO#6Q5079	1992	Replacement	No
Nuts	Dubose National Energy Services	HT #LAD	NA	CP&L #734-849-09 PO #8C0483	1993	Replacement	

7. Description of Work Replacement of flange fasteners on line 1-B21-44-2-602

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks None

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 L. D. D. Healey PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young

Commissions NC 540 ANI  
National Board, State, Province, and Endorsements

Date 6/21 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-C41-9S\$4

1-95-040

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

1. Owner Carolina Power & Light Company Date June 16, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-APWS1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Standby Liquid Control  
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-1852	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BB1H1

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 [Signature] PMTR Developer Date 6/16/95, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature]

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E21-25\$91

1-95-043

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

1. Owner Caroline Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APXQ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Core Spray
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0080	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BBIJ1

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 L. D. Wheatley PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Andy Lawrence  
Inspector's Signature

Commissions NC 990 PMI  
National Board, State, Province, and Endorsements

Date 6/27 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-CAC-V10

1-95-044

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

1. Owner Carolina Power & Light Company Date June 13, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 93-AQGH1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Containment Atmospheric Control  
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A  
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting	Texas Bolt	HT #50087	NA	PO #7H0807 CP&L #726-888-26	1995	Replacement	No

7. Description of Work Replacement of valve actuator mounting bolts per ACR N93-018

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

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] PMTR Developer Date June 13, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 940 PAI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/30 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-CAC-V16

1-95-045

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

1. Owner Carolina Power & Light Company Date June 13, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 93-AQQ11  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Containment Atmospheric Control
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Bolting	Mackson Inc.	HT #8887960	NA	CP&L #61B-026-43 PO #383892	1995	Replacement	No

7. Description of Work Replacement of valve actuator mounting bolts per ACR N93-018.

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks None

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 L. D. Whelan PMTR Developer Date June 13, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Stacy L. Goring Commissions NC 990 B N I  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/21 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-B21-44SS149

1-95-046

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APYG1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Nuclear Boiler  
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0346	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BBIA1

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 L. D. Whalley PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature]

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/27 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-6SS27

1-95-047

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWN1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-0359	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 93-BBJ11

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 L D D'Heath PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Spring Commissions NC 990 DNI  
National Board, State, Province, and Endorsements

Date 6/27 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
 2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
 3. Unit No. 1  
 4. Owner Certificate of Authorization: N/A  
 5. Commercial Date: 3/17/77  
 6. National Board: N/A  
 7. Component: 1-B21-707SS862

1-95-048

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
 Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
 Address  
 2. Plant Brunswick Steam Electric Plant Unit 1  
 Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APYC1  
 Address Repair Organization P.O. No., Job No., etc.  
 3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
 Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
 Address Expiration Date N/A  
 4. Identification of System Nuclear Boiler  
 5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-1725	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-AMMA1

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 L. Whalley PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1995 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Grady Young Commissions NC990 NNT  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/27 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-2SS3

1-95-049

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address

2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWG1  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A

4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0186	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-ADSN1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D Wheatley PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1995 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Glady Young  
Inspector's Signature

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/27 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
 2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
 3. Unit No. 1  
 4. Owner Certificate of Authorization: N/A 1-95-051  
 5. Commercial Date: 3/17/77  
 6. National Board: N/A  
 7. Component: Torus Liner

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

1. Owner Carolina Power & Light Company Date June 15, 1995  
 Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
 Address  
 2. Plant Brunswick Steam Electric Plant Unit 1  
 Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-AMCRD  
 Address Repair Organization P.O. No., Job No., etc.  
 3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
 Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
 Address Expiration Date N/A  
 4. Identification of System Primary Containment  
 5. (a) Applicable Construction Code ASME III 19 77 Edition, S78 Addenda Addenda, N/A Code Case  
 (b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A  
 6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Torus Liner	General Electric	NA	NA	Torus Liner Bays 4, 8, 10 and 14	1975	Repair	No

7. Description of Work Base metal repairs on torus liner after inspection per 1SP-94-109

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

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

FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer'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 ASME Code, Section XI.  
repair or replacement

Type Code Symbol Stamp N/A

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

Signed L. D. Whetley PMTR Developer Date June 15, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Buddy Lanning Commissions AINBIS NC 990  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 6/23 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-44\$\$\$142, 1-B21-44\$\$\$146

1-95-054B

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

1. Owner Carolina Power & Light Company Date June 13, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ADHR1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0071	1995	Replacement	No
Snubber	Bergen Patterson	NA	NA	0-BSEP-0289	1995	Replacement	No

7. Description of Work Snubber Replacements

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks 1-B21-44\$146 rebuilt under WR/JO 94-ALUR1  
Applicable Manufacturer's Date Reports to be attached  
1-B21-44\$142 rebuilt under WR/JO 94-ALTN1

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 L. D. Whately PMTR Developer Date June 13, 1995  
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 of  
Hartford, Connecticut have inspected the components described  
in this Owner's Report during the period March 11, 1995 to July 10, 1997, and state that  
to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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,

Eddy Lewis Commissions NC 990 NFI  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 6/30 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-RCC-71\$5139

1-95-056

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APYA1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Reactor Building Closed Water Cooling
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0092	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BBKQ1

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 L W Wheatley PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Shady Young Commissions Nº 990 ANI  
National Board, State, Province, and Endorsements

Date 6/26 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-51\$5103

1-95-059

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address

2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWJ1  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A

4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0351	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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.

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO S3-BBLF1

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 L D Wheatley PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Grady Young Commissions NC 990 DNE  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/28 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-PSN-A3\$292

1-95-061

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APXU1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-0204	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-ADTB1

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 L D Wheatley PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut

Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Andy Young

Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/28 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-B21-1S\$228

1-95-062

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWA1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-1768	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

(12/82)

This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 94-ALWB1

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed L. D. Whalley PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NC 990 BNE  
National Board, State, Province, and Endorsements

Date 6/29 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B21-255229

1-95-063

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address

2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWF1  
Address Repair Organization P.O. No., Job No., etc.

3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A

4. Identification of System Nuclear Boiler

5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0201	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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



FORM NIS-2 (Back)

9. Remarks Re-built under WR/JD 92-ABWH1

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 L. D. Wheat PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

L. D. Wheat  
Inspector's Signature

Commissions NC 940 ANI  
National Board, State, Province, and Endorsements

Date 6/30 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-G31-51\$194

1-95-064

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APXT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Reactor Water Clean-Up
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B0W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0539	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 93-BB1B1

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 L. D. D. Wheatley PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC990 DNI  
National Board, State, Province, and Endorsements

Date 6/29 1995

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-B32-SSA10

1-95-065

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

1. Owner Carolina Power & Light Company Date June 12, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWP1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Reactor Recirculation
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-85F-P-2026	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 92-BGX11

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 L. D. Whately PMTR Developer Date June 12, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Shady Spang Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/27 1995



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-875\$318

1-95-066

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JD 94-APXP1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-2165 PO #461240	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed L. D. Whitley PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Grady Young Commissions NC990 ANI  
National Board, State, Province, and Endorsements

Date 6/30 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602  
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461  
3. Unit No. 1  
4. Owner Certificate of Authorization: N/A  
5. Commercial Date: 3/17/77  
6. National Board: N/A  
7. Component: 1-E11-84\$5309

1-95-067

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address  
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APXN1  
Address Repair Organization P.O. No., Job No., etc.  
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A  
4. Identification of System Residual Heat Removal  
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	O-BSEP-2166	1995	Replacement	No

7. Description of Work Snubber Replacement

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

NOTE: Supplemental sheets in form of lists, sketches, or drawings may be used, provided (1) size is 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)

9. Remarks Re-built under WR/JO 92-BGXF1

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 L. D. Deakins PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Garth Young

Commissions NC 990 BNS  
National Board, State, Province, and Endorsements

Date 6/29 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-155306

1-95-068

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APWT1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-2164 PO# 461240	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



FORM NIS-2 (Back)

9. Remarks None

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 [Signature] PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

[Signature] Commissions NC 990 ANI  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/30 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-95\$417

1-95-071

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APYJ1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 B0WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0533	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-BBJY1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed [Signature] PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC 990 ANI  
National Board, State, Province, and Endorsements

Date 6/29 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-PSN-B3\$42

1-95-072

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ADJC1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0227	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 92-BGXP1

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 L. D. Whelan PMTR Developer Date June 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Gordon Young

Commissions NC990 PNE  
National Board, State, Province, and Endorsements

Date 6/29 19 95



1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E21-F0-D001A

1-95-075

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

1. Owner Carolina Power & Light Company Date June 15, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 95-ACTW1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Core Spray - A Loop
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80W81A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	Energy Supply & Steel Co.	NA	NA	CP&L #734-712-11 HT #713602	1992	Replacement	No

7. Description of Work Modification of flow orifice per ESR 95-00467

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

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L. D. D. Leath PMTR Developer Date June 15, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1995, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

Erady Young Commissions NC 99019 N I  
Inspector's Signature National Board, State, Province, and Endorsements

Date 6/23 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E21-FO-D001B

1-95-076

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

1. Owner Carolina Power & Light Company Date July 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO AJH2001  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Core Spray B Loop
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

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

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Flow Orifice	Energy Supply & Steel Co.	NA	NA	CP&L #734-712-11 HT #713602	1992	Replacement	No

7. Description of Work Modification of flow orifice per ESR 95-004678. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☒  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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

(12/82) This Form (E 00030) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

FORM NIS-2 (Back)

9. Remarks None

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 L. D. Dheally PMTR Developer Date July 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC990 NBI  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-E11-95\$20

1-95-077

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

1. Owner Carolina Power & Light Company Date July 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC, 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC, 28461 WR/JO 93-ASGP1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC, 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Residual Heat Removal/RHR Service Water
5. (a) Applicable Construction Code ASME III 19 86 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A
6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	1-E11-95\$20	1995	Repaired	No

7. Description of Work Removal of stiffener bar per EER 93-0429
8. Tests Conducted: Hydrostatic ☐ Pneumatic ☐ Nominal Operating Pressure ☐  
Other ☐ Pressure \_\_\_\_\_ psi Test Temp. \_\_\_\_\_ °F

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FORM NIS-2 (Back)

9. Remarks None

Applicable Manufacturer's Data Reports to be attached

CERTIFICATE OF COMPLIANCE

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

Type Code Symbol Stamp N/A

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

Signed [Signature] PMTR Developer Date July 7, 19 95  
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 of Hartford, Connecticut have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 [Signature] Commissions NC 990  
National Board, State, Province, and Endorsements

Date 7/07 19 95

1. CAROLINA POWER & LIGHT COMPANY, P.O. Box 1551, Raleigh, NC 27602
2. BRUNSWICK STEAM ELECTRIC PLANT, P.O. Box 10429, Southport, NC 28461
3. Unit No. 1
4. Owner Certificate of Authorization: N/A
5. Commercial Date: 3/17/77
6. National Board: N/A
7. Component: 1-PSN-B5\$51

1-95-078

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

1. Owner Carolina Power & Light Company Date June 7, 1995  
Name  
P.O. Box 1551, Raleigh, NC. 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 1  
Name  
P.O. Box 10429, Southport, NC. 28461 WR/JO 94-APXW1  
Address Repair Organization P.O. No., Job No., etc.
3. Work Performed by Mechanical Maintenance Type Code Symbol Stamp N/A  
Name  
BSEP - P.O. Box 10429, Southport, NC. 28461 Authorization No. N/A  
Address Expiration Date N/A
4. Identification of System Nuclear Boiler
5. (a) Applicable Construction Code ANSI B31.1 19 83 Edition, N/A Addenda, N/A Code Case  
(b) Applicable Edition of Section XI Utilized for Repairs or Replacements 19 80WB1A

6. Identification of Components Repaired or Replaced and Replacement Components

Name of Component	Name of Manufacturer	Manufacturer Serial No.	National Board No.	Other Identification	Year Built	Repaired, Replaced, or Replacement	ASME Code Stamped (Yes or No)
Snubber	Bergen Patterson	NA	NA	0-BSEP-0190	1995	Replacement	No

7. Description of Work Snubber Replacement

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

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

FORM NIS-2 (Back)

9. Remarks Re-built under WR/JO 93-ADSJ1

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 ASME Code, Section XI.

Type Code Symbol Stamp N/A

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

Signed L D D Healey PMTR Developer Date June 7, 1995  
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 of Hartford, Connecticut

have inspected the components described in this Owner's Report during the period March 11, 1994 to July 10, 1997, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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 Andy Hanning

Commissions NC 990 NBI  
National Board, State, Province, and Endorsements

Date 6/30 1995