



Carolina Power & Light Company  
Brunswick Nuclear Plant  
P. O. Box 10429  
Southport, NC 28461

FEB 03 1995

SERIAL: BSEP 95-0042

U. S. Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2  
DOCKET NO. 50-324/LICENSE NO. DPR-62  
SUPPLEMENT TO ASME CODE RELIEF REQUEST  
NON-CODE REPAIR OF SERVICE WATER PIPING  
RELIEF REQUEST NO. RR-14, REV. O  
(NRC TAC NO. M89031)

Gentlemen:

By letter dated November 22, 1993 (Serial: BSEP 93-0199), Carolina Power & Light Company (CP&L) requested relief from the requirements of the American Society of Mechanical Engineers (ASME) Code, Section XI in order to perform a temporary non-Code repair to service water system piping for the Brunswick Steam Electric Plant, Unit No. 2. The request applied to a through-wall leak on the 2-inch Class 3 weldolet that is located just upstream of valve 2-SW-V47 on the nuclear service water header.

Repair of the weld in accordance with the ASME Code, Section XI, IWA/D-4000 was accomplished by replacing the 2-inch weldolet and flange with a 4-inch weldolet and flange. This replacement was completed on April 23, 1994, and this repair was documented in CP&L's September 22, 1994 (Serial: BSEP 94-0358) submittal of the Form NIS-2 Owner's Report For Repairs or Replacements for the Unit 2 Refuel Outage 10 (copy attached).

Please refer questions regarding this submittal to Mr. George Honma at (910) 457-4712.

Sincerely

R. P. Lopriore  
Manager  
Regulatory Affairs

100031  
9502130135 950203  
PDR ADOCK 05000324  
P PDR

Aool  
11/1

Document Control Desk  
BSEP 95-0042 / Page 2

WRM/wrm

Enclosure

cc: Mr. S. D. Ebnetter, Regional Administrator, Region II  
Mr. D. C. Trimble, Jr., NRC/NRR Project Manager (Acting) - Brunswick  
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick  
The Honorable H. Wells, Chairman - North Carolina Utilities Commission  
Mr. Billy Walker, Assistant Director - Boiler & Pressure Vessel Division

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. 2
4. Owner Certificate of Authorization: N/A 2-94-097
5. Commercial Date: 11/03/75
6. National Board: N/A
7. Component: 2-SW-103-30-157

**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 July 8, 1994  
Name  
P.O. Box 1551, Raleigh, NC 27602 Sheet 1 of 1  
Address
2. Plant Brunswick Steam Electric Plant Unit 2  
Name  
P.O. Box 10429, Southport, NC 28461 WR/JO 93-BCUJ1 PM 93-040 FR9  
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 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 80/81

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 #837BM	NA	CPL #723-987-87 PO #7C0791	1994	Replacement	No
Weldolet	Hub Inc.	HT #W255	NA	CPL #733-807-63 PO #6Q8927	1994	Replacement	No
Studs (8)	NOVA Machine Products	HT #C090572	NA	CPL # 727-548-31 PO #7E9801	1994	Replacement	No
Nuts (16)	Mackson Inc.	HT #6022894	NA	CPL # 734-849-09 PO #7L9473	1994	Replacement	No
Flange	Alaskan Copper Works	HT #FF-73	NA	CPL # 737-035-30 PO #B-30967	1994	Replacement	No

7. Description of Work Replacement of weldolet and blind flange per Plant Modification 93-040 Field Rev 9.

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 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. Weather PMTR Developer Date July 8, 19 94  
Owner or Owner's Designee, Title

CERTIFICATE OF INSERVICE INSPECTION

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 11/11/89 to 3/10/93, and state that to the best of my knowledge and belief, the Owner has performed examinations and taken corrective measures 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.

George S. [Signature] Commissions NC 990 AR113  
Inspector's Signature National Board, State, Province, and Endorsements  
Date 7/13 19 94