



Carolina Power & Light Company  
P.O. Box 10429  
Southport, NC 28461-0429

February 13, 1998

SERIAL: BSEP 98-0038  
FILE: B09-13510C

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
MONTHLY OPERATING REPORT

Gentlemen:

In accordance with Technical Specification (TS) 6.9.1.11 for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, Carolina Power & Light Company is submitting the enclosed report of operating statistics and shutdown experience for the month of January 1998. This report is being submitted to the NRC by the 15th day of the month following the calendar month covered by the report as specified in TS 6.9.1.11. No regulatory commitments are contained in this letter.

Please refer any questions regarding this submittal to Mr. Warren J. Dorman, Supervisor - Licensing, at (910) 457-2068.

Sincerely,

Keith R. Jury  
Manager - Regulatory Affairs  
Brunswick Steam Electric Plant

DCH/dch

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Enclosures:

1. BSEP, Unit No. 1 Monthly Operating Report January 1998
2. BSEP, Unit No. 2 Monthly Operating Report January 1998

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cc (with enclosures):

U. S. Nuclear Regulatory Commission, Region II  
ATTN: Mr. Luis A. Reyes, Regional Administrator  
Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
Atlanta, GA 30303

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Charles A. Patterson, NRC Senior Resident Inspector  
8470 River Road  
Southport, NC 28461

U. S. Nuclear Regulatory Commission  
ATTN: Mr. David C. Trimble, Jr. (Mail Stop OWFN 14H22)  
11555 Rockville Pike  
Rockville, MD 20852-2738

The Honorable J. A. Sanford  
Chairman - North Carolina Utilities Commission  
P.O. Box 29510  
Raleigh, NC 27626-0510

Electricities of N.C., Inc.  
ATTN: Mr. Clarence C. Wells  
P.O. Box 29513  
Raleigh, NC 27626-0513

ENCLOSURE 1

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
MONTHLY OPERATING REPORT

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1  
MONTHLY OPERATING REPORT  
JANUARY 1998



# **APPENDIX A OPERATING DATA REPORT**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** February 4, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** January 1, 1998 to January 31, 1998  
**(Month/Year)**

	<b>MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
1. Design Electrical Rating: (MWe-Net)	167.0	N/A	N/A
2. Maximum Dependable Capacity: (MWe-Net)	820.0	N/A	N/A
3. Number of Hours the Reactor Was Critical:	744.00	744.00	120,329.04
4. Number of Hours the Generator Was On Line:	744.00	744.00	116,144.42
5. Unit Reserve Shutdown Hours:	0.00	0.00	0.00
6. Net Electrical Energy (MWh):	582,773	582,773	82,524,670

# APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-325  
UNIT NAME Brunswick Steam Electric Plant, Unit No. 1  
DATE February 4, 1998  
COMPLETED BY Frank Jefferson  
TELEPHONE (910) 457-2064

REPORTING PERIOD January 1 to January 31, 1998  
(Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS  COMMENTS
N/A						Unit No. 1 was not shutdown during January 1998.

## SUMMARY:

### (1) Reason

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training/License Examination
- F - Administrative
- G - Operational Error (Explain)
- H - Other (Explain)

### (2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)

ENCLOSURE 2

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324  
LICENSE NOS. DPR-71 AND DPR-62  
MONTHLY OPERATING REPORT

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2  
MONTHLY OPERATING REPORT  
JANUARY 1998



# **APPENDIX A OPERATING DATA REPORT**

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** February 4, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** January 1, 1998 to January 31, 1998  
 (Month/Year)

	<b>MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
1. Design Electrical Rating: (MWe-Net)	867.0	N/A	N/A
2. Maximum Dependable Capacity: (MWe-Net).	811.0	N/A	N/A
3. Number of Hours the Reactor Was Critical:	744.00	744.00	129,439.67
4. Number of Hours the Generator Was On Line:	744.00	744.00	123,718.15
5. Unit Reserve Shutdown Hours:	0.00	0.00	0.00
6. Net Electrical Energy (MWH):	612,292	612,292	83,005,005

# APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-324  
UNIT NAME Brunswick Steam Electric Plant, Unit No. 2  
DATE February 4, 1998  
COMPLETED BY Frank Jefferson  
TELEPHONE (910) 457-2064

REPORTING PERIOD January 1 to January 31, 1998  
(Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTION'S  COMMENTS
N/A						Unit No. 2 was not shutdown during January 1998.

## SUMMARY:

### (1) Reason

- A - Equipment Failure (Explain)
- B - Maintenance or Test
- C - Refueling
- D - Regulatory Restriction
- E - Operator Training/License Examination
- F - Administrative
- G - Operational Error (Explain)
- H - Other (Explain)

### (2) Method

- 1 - Manual
- 2 - Manual Trip/Scram
- 3 - Automatic Trip/Scram
- 4 - Continuation
- 5 - Other (Explain)