



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

FEB 13 2001

SERIAL: BSEP 01-0014

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324 / LICENSE NOS. DPR-71 AND DPR-62  
JANUARY 2001 MONTHLY OPERATING REPORTS

Gentlemen:

In accordance with Technical Specification (TS) 5.6.4 for the Brunswick Steam Electric Plant (BSEP), Unit Nos. 1 and 2, Carolina Power & Light (CP&L) Company is submitting the enclosed Monthly Operating Reports for January 2001. These reports are being submitted to the NRC by the 15th day of the month following the calendar month covered by the reports, as specified in TS 5.6.4.

There are no regulatory commitments being made in this submittal. Please refer any questions regarding this submittal to Mr. Leonard R. Beller, Supervisor - Licensing, at (910) 457-2073.

Sincerely,

David C. DiCello  
Manager - Regulatory Affairs  
Brunswick Steam Electric Plant

WRM/wrm

Enclosures:

1. BSEP, Unit No. 1 Monthly Operating Report January 2001
2. BSEP, Unit No. 2 Monthly Operating Report January 2001

IE24

cc (with enclosures):

U. S. Nuclear Regulatory Commission, Region II  
ATTN: Mr. Luis A. Reyes, Regional Administrator  
Sam Nunn Atlanta Federal Center  
61 Forsyth Street, SW, Suite 23T85  
Atlanta, GA 30303-8931

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Theodore A. Easlick, NRC Senior Resident Inspector  
8470 River Road  
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission  
ATTN: Mr. Donnie J. Ashley (Mail Stop OWFN 8G9)  
11555 Rockville Pike  
Rockville, MD 20852-0510

Ms. Jo A. Sanford  
Chair - 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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 1  
MONTHLY OPERATING REPORT  
JANUARY 2001

# **APPENDIX A OPERATING DATA REPORT**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** February 5, 2001  
**COMPLETED BY** Kester M. Thompson  
**TELEPHONE** (910) 457-2754

**REPORTING PERIOD** January 2001  
**(Month/Year)**

	<b>MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
1. Design Electrical Rating: (MWe-Net)	867	N/A	N/A
2. Maximum Dependable Capacity: (MWe-Net)	820	N/A	N/A
3. Number of Hours the Reactor Was Critical:	744	744	144,960
4. Number of Hours the Generator Was On Line:	744	744	140,561
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	627,159	627,159	102,674,134

**APPENDIX B  
UNIT SHUTDOWNS**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** February 5, 2001  
**COMPLETED BY** Kester M. Thompson  
**TELEPHONE** (910) 457-2754

**REPORTING PERIOD** January 2001  
**(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 required to shut down during the month of January 2001.

**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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NO. 2  
MONTHLY OPERATING REPORT  
JANUARY 2001

**APPENDIX A  
OPERATING DATA REPORT**

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** February 5, 2001  
**COMPLETED BY** Kester M. Thompson  
**TELEPHONE** (910) 457-2754

**REPORTING PERIOD** January 2001  
**(Month/Year)**

	<b>MONTH</b>	<b>YEAR TO DATE</b>	<b>CUMULATIVE</b>
1. Design Electrical Rating: (MWe-Net)	867	N/A	N/A
2. Maximum Dependable Capacity: (MWe-Net)	811	N/A	N/A
3. Number of Hours the Reactor Was Critical:	744	744	154,384.4
4. Number of Hours the Generator Was On Line:	744	744	148,450.5
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	596,931	596,931	104,003,298

## APPENDIX B UNIT SHUTDOWNS

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** February 5, 2001  
**COMPLETED BY** Kester M. Thompson  
**TELEPHONE** (910) 457-2754

**REPORTING PERIOD** January 2001  
**(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. 2 was not required to shut down during the month of January 2001.

**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)