



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

JAN 11 2001

SERIAL: BSEP 01-0004

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
DECEMBER 2000 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 December 2000. 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.

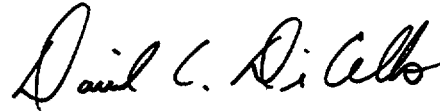
CP&L has determined that the Net Electrical Energy (MWH) value for BSEP, Unit 2, provided in the June 2000 monthly operating report submitted July 11, 2000 (Serial: BSEP 00-0096), is incorrect. The Net Electrical Energy (MWH) value for the month of June 2000 is actually 45 MWH less than was reported. This discrepancy is also reflected in the Year To Date and Cumulative values for Net Electrical Energy reported in the July 11, 2000, submittal, as well as subsequent monthly operating reports dated August 9, 2000 (Serial: BSEP 00-0116); September 13, 2000 (Serial: BSEP 00-0133); October 12, 2000 (Serial: BSEP 00-0146); November 7, 2000 (Serial: BSEP 00-0159); and December 11, 2000 (Serial: BSEP 00-0177). The Year To Date and Cumulative Net Electrical Energy values provided in Enclosures 1 and 2 of this letter have already been adjusted by 45 MWH to account for the discrepancy.

ML 01/01 80 427

IE24

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 December 2000
2. BSEP Unit No. 2 Monthly Operating Report December 2000

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

ElectricCities 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
DECEMBER 2000

**APPENDIX A
OPERATING DATA REPORT**

DOCKET NO. 50-325
UNIT NAME Brunswick Steam Electric Plant, Unit No. 1
DATE January 9, 2001
COMPLETED BY Kester M. Thompson
TELEPHONE (910) 457-2754

REPORTING PERIOD December 2000
(Month/Year)

	MONTH	YEAR TO DATE	CUMULATIVE
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	8,153	144,216
4. Number of Hours the Generator Was On Line:	744	8,122	139,817
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	628,947	6,746,479	102,046,975

APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-325
UNIT NAME Brunswick Steam Electric Plant, Unit No. 1
DATE January 9, 2001
COMPLETED BY Kester M. Thompson
TELEPHONE (910) 457-2754

REPORTING PERIOD December 2000
(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 December 2000.

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
DECEMBER 2000

APPENDIX A OPERATING DATA REPORT

DOCKET NO. 50-324
UNIT NAME Brunswick Steam Electric Plant, Unit No. 2
DATE January 9, 2001
COMPLETED BY Kester M. Thompson
TELEPHONE (910) 457-2754

REPORTING PERIOD December 2000
(Month/Year)

	MONTH	YEAR TO DATE	CUMULATIVE
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	8,642.6	153,640.4
4. Number of Hours the Generator Was On Line:	744	8,615.8	147,706.5
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	612,197	7,055,008*	103,406,367*

* Reflects 45 MWH correction identified to June 2000 report data.

APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-324
UNIT NAME Brunswick Steam Electric Plant, Unit No. 2
DATE January 9, 2001
COMPLETED BY Kester M. Thompson
TELEPHONE (910) 457-2754

REPORTING PERIOD December 2000
(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 December 2000.

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)