



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

JUN 15 1998

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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
MAY 1998 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 May 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

Enclosures:

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

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9806220238 980531
PDR ADOCK 05000324
R PDR

cc (with enclosures):

U. S. Nuclear Regulatory Commission, Region II
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Atlanta Federal Center
61 Forsyth Street, SW, Suite 23T85
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U. S. Nuclear Regulatory Commission
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8470 River Road
Southport, NC 28461

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Ms. Jo A. Sanford
Chair - North Carolina Utilities Commission
P.O. Box 29510
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ElectricCities of N.C., Inc.
ATTN: Mr. Clarence C. Wells
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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
MAY 1998

APPENDIX A OPERATING DATA REPORT

DOCKET NO. 50-325
UNIT NAME Brunswick Steam Electric Plant, Unit No. 1
DATE June 8, 1998
COMPLETED BY Frank Jefferson
TELEPHONE (910) 457-2064

REPORTING PERIOD May 1, 1998 to May 31, 1998

(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:	162.60	2,902.90	122,487.84
4. Number of Hours the Generator Was On Line:	78.60	2,816.50	118,216.92
5. Unit Reserve Shutdown Hours:	0.00	0.00	0.00
6. Net Electrical Energy (MWH):	24,000	2,228,507	84,170,404

APPENDIX B **UNIT SHUTDOWNS**

DOCKET NO. 50-325
UNIT NAME Brunswick Steam Electric Plant, Unit No. 1
DATE June 8, 1998
COMPLETED BY Frank Jefferson
TELEPHONE (910) 457-2064

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

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS COMMENTS
1	5/26/98	F	8.93	A	2	Unit No. 1 was starting up following scheduled refuel outage 12. On 5/26/98, after the reactor was critical, the unit had to be shut down to correct a problem with 1-MS-BPV-3. A manual scram was inserted to shut the reactor down at 1317 on 5/26/98. The problem was corrected and the reactor was critical at 2213 on 5/27/98.

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
MAY 1998

APPENDIX A OPERATING DATA REPORT

DOCKET NO. 50-324
UNIT NAME Brunswick Steam Electric Plant, Unit No. 2
DATE June 8, 1998
COMPLETED BY Frank Jefferson
TELEPHONE (910) 457-2064

REPORTING PERIOD May 1, 1998 to May 31, 1998
 (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:	744.00	3,623.00	132,318.67
4. Number of Hours the Generator Was On Line:	744.00	3,623.00	126,597.15
5. Unit Reserve Shutdown Hours:	0.00	0.00	0.00
6. Net Electrical Energy (MWH):	602,267	2,974,279	86,266,992

APPENDIX B UNIT SHUTDOWNS

DOCKET NO. 50-324
UNIT NAME Brunswick Steam Electric Plant, Unit No. 2
DATE June 8, 1998
COMPLETED BY Frank Jefferson
TELEPHONE (910) 457-2064

REPORTING PERIOD May 1 to May 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. 2 was not shut down during May 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)