



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

OCT 13 1998

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

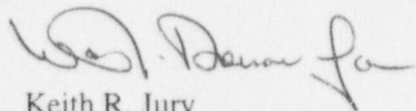
BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 1 AND 2  
DOCKET NOS. 50-325 AND 50-324 / LICENSE NOS. DPR-71 AND DPR-62  
SEPTEMBER 1998 MONTHLY OPERATING REPORT

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 Company is submitting the enclosed report of operating statistics and shutdown experience for the month of September 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 5.6.4. 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

*Jury*

KRJ/dch

Enclosures:

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

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  
SEPTEMBER 1998

**APPENDIX A  
OPERATING DATA REPORT**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** October 5, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** September 1, 1998 to September 30, 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:	720	5,718	125,303
4. Number of Hours the Generator Was On Line:	720	5,604	121,004
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	588,373	4,513,225	86,455,122

**APPENDIX B  
UNIT SHUTDOWNS**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** October 5, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** September 1 to September 30, 1998  
 (Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS  COMMENTS
						Unit No. 1 was not required to shut down in September 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

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

**APPENDIX A  
OPERATING DATA REPORT**

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** October 5, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** September 1, 1998 to September 30, 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:	720	6,377	135,073
4. Number of Hours the Generator Was On Line:	720	6,331	129,305
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	588,061	5,153,950	88,446,663

**APPENDIX B  
UNIT SHUTDOWNS**

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** October 5, 1998  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** September 1 to September 30, 1998  
 (Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS  COMMENTS
						Unit No. 2 was not required to shut down in September 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)