



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

JUL 15 1999

SERIAL: BSEP 99-0118

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  
JUNE 1999 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 June 1999. 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

DCH/dch

Enclosures:

1. BSEP Unit No. 1 Monthly Operating Report June 1999
2. BSEP Unit No. 2 Monthly Operating Report June 1999

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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 30303-3415

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. Allen G. Hansen (Mail Stop OWFN 8G9)  
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  
JUNE 1999



**APPENDIX A  
OPERATING DATA REPORT**

**DOCKET NO.** 50-325  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 1  
**DATE** July 13, 1999  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD**

June 1999

**(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:	720	4,313	131,825
4. Number of Hours the Generator Was On Line:	720	4,296	127,509
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	599,972	3,581,988	91,884,326

**CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES**

<b>DATE</b>	<b>SRV NUMBER</b>	<b>EVENT DESCRIPTION</b>
N/A	N/A	No Unit 1 Main Steam Safety / Relief Valve challenges occurred during the month of June.

**APPENDIX B  
UNIT SHUTDOWNS**

DOCKET NO. 50-325  
 UNIT NAME Brunswick Steam Electric Plant, Unit No. 1  
 DATE July 13, 1999  
 COMPLETED BY Frank Jefferson  
 TELEPHONE (910) 457-2064

**REPORTING PERIOD** \_\_\_\_\_ June 1999  
 (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 did not shut down during June 1999.

**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  
JUNE 1999



**APPENDIX A  
OPERATING DATA REPORT**

**DOCKET NO.** 50-324  
**UNIT NAME** Brunswick Steam Electric Plant, Unit No. 2  
**DATE** July 13, 1999  
**COMPLETED BY** Frank Jefferson  
**TELEPHONE** (910) 457-2064

**REPORTING PERIOD** June 1999  
 (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:	692	3,452	140,734
4. Number of Hours the Generator Was On Line:	676	3,358	134,872
5. Unit Reserve Shutdown Hours:	0	0	0
6. Net Electrical Energy (MWH):	545,104	2,650,342	92,906,532

**CHALLENGES TO MAIN STEAM SAFETY / RELIEF VALVES**

DATE	SRV NUMBER	EVENT DESCRIPTION
N/A	N/A	No Unit 2 Main Steam Safety / Relief Valve challenges occurred during the month of June.

**APPENDIX B  
UNIT SHUTDOWNS**

DOCKET NO. 50-324  
 UNIT NAME Brunswick Steam Electric Plant, Unit No. 2  
 DATE July 13, 1999  
 COMPLETED BY Frank Jefferson  
 TELEPHONE (910) 457-2064

**REPORTING PERIOD** June 1999  
 (Month/Year)

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN (2)	CAUSE/CORRECTIVE ACTIONS  COMMENTS
1	6/28/99 thru 6/30/99	F	28	H	3	Unit No. 2 was shut down 6/28 due to Circulating Water Intake Pump (CWIP) trips causing low condenser vacuum. The CWIP trips occurred due to high circulating water intake screen differential pressures. The high differential pressures were caused by a large school of fish blocking water flow through the circulating water intake screens.

**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)