



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

SEP 12 1997

SERIAL: BSEP 97-0410  
FILE: B09-13510C

U. S. Nuclear Regulatory Commission  
ATTENTION: 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  
MONTHLY OPERATING REPORT

Gentlemen:

In accordance with Technical Specification (TS) 6.9.1.11 for the Brunswick Steam Electric Plant, Unit Nos. 1 and 2, Carolina Power & Light Company is submitting the enclosed report of operating statistics and shutdown experience for the month of August 1997. 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

WRM/wrm

Enclosures:

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

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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. C. 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

The Honorable J. A. Sanford  
Chairman - North Carolina Utilities Commission  
P.O. Box 29510  
Raleigh, NC 27626-0510

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  
MONTHLY OPERATING REPORT

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1  
MONTHLY OPERATING REPORT  
AUGUST 1997

# **APPENDIX A OPERATING DATA REPORT**

|                     |  |
|---------------------|--|
| <b>DOCKET NO.</b>   | 50-325                                     |
| <b>UNIT NAME</b>    | Brunswick Steam Electric Plant, Unit No. 1 |
| <b>DATE</b>         | September 8, 1997                          |
| <b>COMPLETED BY</b> | Frank Jefferson                            |
| <b>TELEPHONE</b>    | (910) 457-2064                             |

|                         |  |
|-------------------------|--|
| <b>REPORTING PERIOD</b> | <u>August 1, 1997 to August 31, 1997</u><br>(Month/Year) |
|-------------------------|--|

|  | <b>MONTH</b> | <b>YEAR<br/>TO<br/>DATE</b> | <b>CUMULATIVE</b> |
|--|--------------|-----------------------------|-------------------|
| 1. Design Electrical Rating:<br>(MWe-Net)        | 821.0        | N/A                         | N/A               |
| 2. Maximum Dependable Capacity:<br>(MWe-Net).    | 767.0        | N/A                         | N/A               |
| 3. Number of Hours the Reactor Was<br>Critical:  | 744.00       | 5831                        | 116,830.76        |
| 4. Number of Hours the Generator Was<br>On Line: | 744.00       | 5831                        | 112,673.37        |
| 5. Unit Reserve Shutdown Hours:                  | 0.00         | 0.00                        | 0.00              |
| 6. Net Electrical Energy (MWH):                  | 617,901      | 4,670,957                   | 79,755,827        |

# APPENDIX B UNIT SHUTDOWNS

DOCKET NO.  
UNIT NAME  
DATE  
COMPLETED BY  
TELEPHONE

50-325  
Brunswick Steam Electric Plant, Unit No. 1  
August 1997  
Frank Jefferson  
(910) 457-2064

REPORTING PERIOD August 1 to August 31, 1997  
(Month/Year)

| NO. | DATE | TYPE<br>F: FORCED<br>S: SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING<br>DOWN (2) | CAUSE/CORRECTIVE ACTIONS<br><br>COMMENTS |
|-----|------|-----------------------------------|---------------------|------------|-----------------------------------|--|
| N/A | 8/97 |                                   |                     |            |                                   | No unit shutdowns for August 1997.       |

## 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  
MONTHLY OPERATING REPORT

BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2  
MONTHLY OPERATING REPORT  
AUGUST 1997

# **APPENDIX A OPERATING DATA REPORT**

|                     |  |
|---------------------|--|
| <b>DOCKET NO.</b>   | 50-324                                     |
| <b>UNIT NAME</b>    | Brunswick Steam Electric Plant, Unit No. 2 |
| <b>DATE</b>         | September 8, 1997                          |
| <b>COMPLETED BY</b> | Frank Jefferson                            |
| <b>TELEPHONE</b>    | (910) 457-2064                             |

**REPORTING PERIOD** August 1, 1997 to August 31, 1997  
(Month/Year)

|  | <b>MONTH</b> | <b>YEAR<br/>TO<br/>DATE</b> | <b>CUMULATIVE</b> |
|--|--------------|-----------------------------|-------------------|
| 1. Design Electrical Rating:<br>(MWe-Net)        | 821.0        | N/A                         | N/A               |
| 2. Maximum Dependable Capacity:<br>(MWe-Net).    | 754.0        | N/A                         | N/A               |
| 3. Number of Hours the Reactor Was<br>Critical:  | 744.00       | 5831                        | 126,622.55        |
| 4. Number of Hours the Generator Was<br>On Line: | 744.00       | 5831                        | 120,988.02        |
| 5. Unit Reserve Shutdown Hours:                  | 0.00         | 0.00                        | 0.00              |
| 6. Net Electrical Energy (MWH):                  | 557,871      | 4,466,858                   | 81,704,193        |



# APPENDIX B UNIT SHUTDOWNS

|              |  |
|--------------|--|
| DOCKET NO.   | 50-324                                     |
| UNIT NAME    | Brunswick Steam Electric Plant, Unit No. 2 |
| DATE         | August 1997                                |
| COMPLETED BY | Frank Jefferson                            |
| TELEPHONE    | (910) 457-2064                             |

REPORTING PERIOD August 1 to August 31 1997  
(Month/Year)

| NO. | DATE | TYPE<br>F: FORCED<br>S: SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING<br>DOWN (2) | CAUSE/CORRECTIVE ACTIONS<br><br>COMMENTS |
|-----|------|-----------------------------------|---------------------|------------|-----------------------------------|--|
| N/A | 8/97 |                                   |                     |            |                                   | No unit shutdowns for August 1997.       |

## 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)