



Carolina Power & Light Company

Brunswick Nuclear Project  
P. O. Box 10429  
Southport, NC 28461-0429

AUG 10 1992

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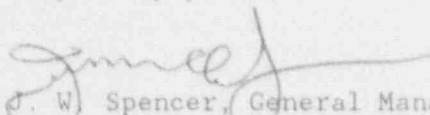
U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attn: Document Control Desk

BRUNSWICK STEAM ELECTRIC PLANT UNITS 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 6.9.1.11 for the Brunswick Steam Electric Plant, Units 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of July 1992.

Very truly yours,

  
J. W. Spencer, General Manager  
Brunswick Nuclear Project

RDR/mcg  
90-0041.MSC

Enclosures

cc: Ms. D. M. Aslett  
Mr. T. C. Bell  
Mr. R. M. Coats  
Mr. S. D. Ebnetter  
Mr. M. D. Hill  
Mr. N. B. Le  
Mr. W. R. Murray  
Mr. R. G. Oehl  
Mr. R. M. Parsons  
Mr. R. L. Prevatte  
Mr. R. B. Richey  
Mr. F. Yost  
INPO

9208170051 920731  
PDR ADOCK 05000324  
R PDR

CERT#  
PD50 523 214

TE24 1/1

GP&L CO  
RUN DATE 08/06/92  
RUN TIME 15:15:57

PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
BRUNSWICK UNIT 1

PAGE 1  
RPD39-000

DOCKET NO. 050-0325  
COMPLETED BY RONALD RUMPLE  
TELEPHONE (919) 457-2752

JULY 1992

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | -9                                  | 17  | -6                                  |
| 2   | -9                                  | 18  | -7                                  |
| 3   | -9                                  | 19  | -7                                  |
| 4   | -9                                  | 20  | -7                                  |
| 5   | -9                                  | 21  | -7                                  |
| 6   | -6                                  | 22  | -7                                  |
| 7   | -6                                  | 23  | -6                                  |
| 8   | -6                                  | 24  | -6                                  |
| 9   | -7                                  | 25  | -6                                  |
| 10  | -6                                  | 26  | -6                                  |
| 11  | -6                                  | 27  | -6                                  |
| 12  | -6                                  | 28  | -7                                  |
| 13  | -7                                  | 29  | -7                                  |
| 14  | -6                                  | 30  | -7                                  |
| 15  | -6                                  | 31  | -6                                  |
| 16  | -6                                  |     |                                     |

CP&L CO  
RUN DATE 08/06/92  
RUN TIME 15:15:58

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
BRUNSWICK UNIT 1

PAGE 1  
RPD36-000

DOCKET NO. 050-0325  
COMPLETED BY RONALD RUMPLE  
TELEPHONE (919)457-2752

OPERATING STATUS

- |   |  |
|---|--|
| 1. UNIT NAME: BRUNSWICK UNIT 1  | <div>-----<br/>NOTES - There are 560 fuel bundles in the Reactor Core, 1090 BWR and 160 PWR spent fuel bundles in the Fuel Pool, and 108 fuel bundles in the new fuel storage vault.<br/>-----</div> |
| 2. REPORTING PERIOD: JULY 92  |  |
| 3. LICENSED THERMAL POWER (MWT): 2436   |  |
| 4. NAMEPLATE RATING (GROSS MWE): 867.0  |  |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 821.0  |  |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 791.0   |  |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 767.0   |  |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: |  |

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):  
10. REASONS FOR RESTRICTION IF ANY:

|   | THIS<br>MONTH | YR TO<br>DATE | CUMUL<br>ATIVE |
|---|---------------|---------------|----------------|
| 11. HOURS IN REPORTING PERIOD   | 744.00        | 5111.00       | 134759.00      |
| 12. NUMBER OF HOURS REACTOR CRITICAL  | .00           | 2517.88       | 87881.32       |
| 13. REACTOR RESERVE SHUTDOWN HRS  | .00           | .00           | 1647.10        |
| 14. HOURS GENERATOR ON LINE   | .00           | 2487.31       | 84201.37       |
| 15. UNIT RESERVE SHUTDOWN HOURS   | .00           | .00           | .00            |
| 16. GROSS THERMAL ENERGY GEN. (MWH)   | .00           | 5896708.27    | 183021943.70   |
| 17. GROSS ELEC. ENERGY GEN. (MWH)   | .00           | 1935805.00    | 60019285.00    |
| 18. NET ELEC. ENERGY GENERATED (MWH)  | -5018.00      | 1855531.00    | 57748861.00    |
| 19. UNIT SERVICE FACTOR   | .00           | 48.67         | 62.48          |
| 20. UNIT AVAILABILITY FACTOR  | .00           | 48.67         | 62.48          |
| 21. UNIT CAP. FACTOR (USING MDC NET)  | -.88          | 47.33         | 54.41          |
| 22. UNIT CAP. FACTOR (USING DER NET)  | -.82          | 44.22         | 52.20          |
| 23. UNIT FORCED OUTAGE RATE   | .00           | 31.04         | 16.07          |
| 24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): |               |               |                |

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 11/25/92  
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

DOCKET NO. 050-0325  
 UNIT NAME Brunswick 1  
 DATE August 1992  
 COMPLETED BY Ronald Rumpie  
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH July 1992

| NO.    | DATE   | TYPE (1) | DURATION (HOURS) | REASON (2) | METHOD OF SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT NO. | SYSTEM CODE (4) | COMPONENT CODE (5) | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE  |
|--------|--------|----------|------------------|------------|-------------------------------------|---------------------------|-----------------|--------------------|--|
| 92-024 | 920530 | S        | 744.0            | B          | 4<br>Continued from previous month  | 1-92-12                   | N/A             | N/A                | To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continue. |

1: Type  
 F - Forced  
 S - Scheduled

2: 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)

3: Method  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic scram  
 4 - Continuations  
 5 - Load reductions  
 6 - Other

4: System Code:  
 Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b

5: Component Code  
 Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c

CP&L CO  
RUN DATE 08/06/92  
RUN TIME 15:15:57

PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
BRUNSWICK UNIT 2

PAGE 2  
RPD39-000

DOCKET NO. 050-0324  
COMPLETED BY RONALD RUMPLE  
TELEPHONE (919)457-2752

JULY 1992

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | -12                                 | 17  | -11                                 |
| 2   | -13                                 | 18  | -11                                 |
| 3   | -13                                 | 19  | -11                                 |
| 4   | -13                                 | 20  | -11                                 |
| 5   | -13                                 | 21  | -11                                 |
| 6   | -12                                 | 22  | -11                                 |
| 7   | -12                                 | 23  | -11                                 |
| 8   | -12                                 | 24  | -12                                 |
| 9   | -11                                 | 25  | -13                                 |
| 10  | -12                                 | 26  | -12                                 |
| 11  | -12                                 | 27  | -11                                 |
| 12  | -12                                 | 28  | -11                                 |
| 13  | -11                                 | 29  | -11                                 |
| 14  | -12                                 | 30  | -12                                 |
| 15  | -12                                 | 31  | -13                                 |
| 16  | -11                                 |     |                                     |



CP&L CO  
RUN DATE 08/06/92  
RUN TIME 15:15:58

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
BRUNSWICK UNIT 2

PAGE 2  
KPD36-000

DOCKET NO. 050-0324  
COMPLETED BY RONALD RUMPLE  
TELEPHONE (919) 457-2752

OPERATING STATUS

- |  |   |
|--|---|
| 1. UNIT NAME: BRUNSWICK UNIT 2<br>2. REPORTING PERIOD: JULY 92<br>3. LICENSED THERMAL POWER (MWT): 2436<br>4. NAMEPLATE RATING (GROSS MWE): 867.0<br>5. DESIGN ELECTRICAL RATING (NET MWE): 821.0<br>6. MAX DEPENDABLE CAPACITY (GROSS MWE): 782.0<br>7. MAX DEPENDABLE CAPACITY (NET MWE): 754.0<br>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: | NOTES - There are 560 fuel bundles in the Reactor Core, 1113 BWR and 144 PWR spent fuel bundles in the fuel pool, and 0 fuel bundles in the new fuel storage vault. |
|--|---|

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):  
10. REASONS FOR RESTRICTION IF ANY:

|   | THIS<br>MONTH | YR TO<br>DATE | CUMUL<br>ATIVE |
|---|---------------|---------------|----------------|
| 11. HOURS IN REPORTING PERIOD   | 744.00        | 5111.00       | 146783.00      |
| 12. NUMBER OF HOURS REACTOR CRITICAL  | .00           | 2378.33       | 92091.38       |
| 13. REACTOR RESERVE SHUTDOWN HRS  | .00           | .00           | .00            |
| 14. HOURS GENERATOR ON LINE   | .00           | 2201.18       | 87154.67       |
| 15. UNIT RESERVE SHUTDOWN HOURS   | .00           | .00           | .00            |
| 16. GROSS THERMAL ENERGY GEN. (MWH)   | .00           | 4196154.21    | 184126854.86   |
| 17. GROSS ELEC. ENERGY GEN. (MWH)   | .00           | 1366375.00    | 59550469.00    |
| 18. NET ELEC. ENERGY GENERATED (MWH)  | -8711.00      | 1290696.00    | 57081168.00    |
| 19. UNIT SERVICE FACTOR   | .00           | 43.07         | 59.38          |
| 20. UNIT AVAILABILITY FACTOR  | .00           | 43.07         | 59.38          |
| 21. UNIT CAP. FACTOR (USING MDC NET)  | -1.55         | 33.49         | 49.44          |
| 22. UNIT CAP. FACTOR (USING DER NET)  | -1.43         | 30.76         | 47.37          |
| 23. UNIT FORCED OUTAGE RATE   | .00           | 18.45         | 13.51          |
| 24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATL, AND DURATION OF EACH): |               |               |                |

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 10/11/92  
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

|                      |       |       |
|----------------------|-------|-------|
| INITIAL CRITICALITY  | ----- | ----- |
| INITIAL ELECTRICITY  | ----- | ----- |
| COMMERCIAL OPERATION | ----- | ----- |

DOCKET NO. 050-0324  
 UNIT NAME Brunswick 2  
 DATE August 1992  
 COMPLETED BY Ronald Rumble  
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH July 1992

| NO.    | DATE   | TYPE (1) | DURATION (HOURS) | REASON (2) | METHOD OF SHUTTING DOWN REACTOR (3) | LICENSEE EVENT REPORT NO. | SYSTEM CODE (4) | COMPONENT CODE (5) | CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE  |
|--------|--------|----------|------------------|------------|-------------------------------------|---------------------------|-----------------|--------------------|--|
| 92-025 | 920430 | S        | 744.0            | B          | 4<br>Continued from previous month  | 1-92-12                   | TG              | XC                 | To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continue. |

- 1: Type  
 F - Forced  
 S - Scheduled
- 2: 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)
- 3: Method  
 1 - Manual  
 2 - Manual Scram  
 3 - Automatic scram  
 4 - Continuations  
 5 - Load reductions  
 6 - Other
- 4: System Code:  
 Instructions for preparation of data entry sheets for Licensee Event Report (LER) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b
- 5: Component Code  
 Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c