

# CP&L

Carolina Power & Light Company

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

SEP 3 1992

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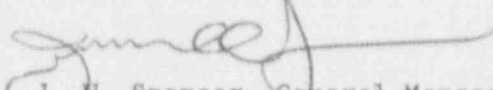
U.S. Nuclear Regulatory Commission  
Washington, DC 20555  
Attn: Document Control Desk

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 5.9.1.11 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 August 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. K. B. Richey  
Mr. F. Yost  
INPO

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RUN DATE 09/01/92  
RUN TIME 08:34:24

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

AUGUST 1992

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

CP&L CO  
 RUN DATE 09/01/92  
 RUN TIME 08:34:25

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

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. UNIT NAME: BRUNSWICK UNIT 1</li> <li>2. REPORTING PERIOD: AUGUST 92</li> <li>3. LICENSED THERMAL POWER (MWT): 2436</li> <li>4. NAMEPLATE RATING (GROSS MWE): 867.0</li> <li>5. DESIGN ELECTRICAL RATING (NET MWE): 821.0</li> <li>6. MAX DEPENDABLE CAPACITY (GROSS MWE): 791.0</li> <li>7. MAX DEPENDABLE CAPACITY (NET MWE): 767.0</li> <li>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:</li> </ol> | <p>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.</p> |
|--|---|

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

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5855.00	135503.00
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)	-4579.00	1850952.00	57744282.00
19. UNIT SERVICE FACTOR	.00	42.48	62.14
20. UNIT AVAILABILITY FACTOR	.00	42.48	62.14
21. UNIT CAP. FACTOR (USING MDC NET)	-.80	41.22	54.11
22. UNIT CAP. FACTOR (USING DER NET)	-.75	38.51	51.91
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: 12/14/92
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 September 1992  
 COMPLETED BY Ronald Rumble  
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH August 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 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  
 - 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-1987, per NUREG-1022, Section VI, Item 13.c

CP&L CO  
RUN DATE 09/01/92  
RUN TIME 08:34:24

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

AUGUST 1992

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

CP&L CO  
 RUN DATE 09/01/92  
 RUN TIME 08:34:25

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 BRUNSWICK UNIT 2

PAGE 2  
 RPD36-000

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

OPERATING STATUS

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. UNIT NAME: BRUNSWICK UNIT 2</li> <li>2. REPORTING PERIOD: AUGUST 92</li> <li>3. LICENSED THERMAL POWER (MWT): 2436</li> <li>4. NAMEPLATE RATING (GROSS MWE): 867.0</li> <li>5. DESIGN ELECTRICAL RATING (NET MWE): 821.0</li> <li>6. MAX DEPENDABLE CAPACITY (GROSS MWE): 782.0</li> <li>7. MAX DEPENDABLE CAPACITY (NET MWE): 754.0</li> <li>8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:</li> </ol> | <p>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.</p> |
|--|---|

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

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5855.00	147527.00
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)	-8560.00	1282136.00	57072608.00
19. UNIT SERVICE FACTOR	.00	37.59	59.08
20. UNIT AVAILABILITY FACTOR	.00	37.59	59.08
21. UNIT CAP. FACTOR (USING MDC NET)	-1.53	29.04	49.19
22. UNIT CAP. FACTOR (USING DER NET)	-1.40	26.67	47.12
23. UNIT FORCED OUTAGE RATE	.00	18.45	13.51
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: 11/5/92
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 September 1992  
 COMPLETED BY Ronald Rumble  
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH August 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 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