

CP&L

Carolina Power & Light Company

Brunswick Nuclear Plant
P. O. Box 10429
Southport, NC 28461-0429
April 7, 1994

FILE: B09-13510C
BSEP/94-0127

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

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 March 1994.

Very truly yours,



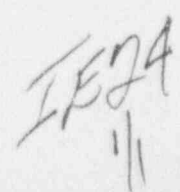
W. Levis, Plant Manager - Unit 1
Brunswick Nuclear Plant

RHR/emr
MSC/93-8524

cc: Mr. S. D. Ebnetter, Regional Administrator, Region II
Mr. P. D. Milano, NRR Project Manager - Brunswick Units 1 and 2
Mr. R. L. Prevatte, Brunswick NRC Senior Resident Inspector

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CP&L CO
RUN DATE 04/07/94
RUN TIME 13:23:10

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

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DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-2756

MARCH 1994

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	766	17	785
2	765	18	785
3	724	19	784
4	769	20	784
5	767	21	785
6	769	22	784
7	769	23	784
8	767	24	784
9	767	25	787
10	769	26	796
11	784	27	770
12	785	28	793
13	785	29	792
14	786	30	794
15	785	31	791
16	784		

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PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 1

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OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | |
| 2. REPORTING PERIOD: MARCH 94 | |
| 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 MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	149352.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	1390.00	89271.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	744.00	1169.35	85370.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1789027.63	2663929.70	185685873.40
17. GROSS ELEC. ENERGY GEN. (MWH)	596440.00	869900.00	60889185.00
18. NET ELEC. ENERGY GENERATED (MWH)	579288.00	834688.00	58483637.00
19. UNIT SERVICE FACTOR	100.00	54.14	57.16
20. UNIT AVAILABILITY FACTOR	100.00	54.14	57.16
21. UNIT CAP. FACTOR (USING MDC NET)	101.51	50.38	49.84
22. UNIT CAP. FACTOR (USING DER NET)	94.84	47.07	47.70
23. UNIT FORCED OUTAGE RATE	.00	.93	15.90
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:
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

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

CP&L CO
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RUN TIME 13:23:10

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

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DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-2756

MARCH 1994

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	770	17	768
2	770	18	768
3	770	19	765
4	770	20	766
5	770	21	765
6	768	22	764
7	769	23	763
8	768	24	680
9	770	25	512
10	769	26	11
11	769	27	-13
12	766	28	-9
13	768	29	-9
14	767	30	-8
15	767	31	-8
16	767		

CP&L CO
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 RUN TIME 13:23:11

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 2

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DOCKET NO. 050-0324
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 TELEPHONE (919)457-2756

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2
2. REPORTING PERIOD: MARCH 94
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): 782.0
7. MAX DEPENDABLE CAPACITY (NET MWE): 754.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS:

NOTES

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

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	161376.00
12. NUMBER OF HOURS REACTOR CRITICAL	613.13	2029.13	100035.81
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	603.00	2019.00	94699.45
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1437658.99	4795240.67	201692030.42
17. GROSS ELEC. ENERGY GEN. (MWH)	465795.00	1557640.00	65236954.00
18. NET ELEC. ENERGY GENERATED (MWH)	451448.00	1512500.00	62536553.00
19. UNIT SERVICE FACTOR	81.05	93.47	58.68
20. UNIT AVAILABILITY FACTOR	81.05	93.47	58.68
21. UNIT CAP. FACTOR (USING MDC NET)	80.48	92.87	49.45
22. UNIT CAP. FACTOR (USING DER NET)	73.91	85.29	47.20
23. UNIT FORCED OUTAGE RATE	.00	.00	12.57
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:
 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 April 1994
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH March 1994

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
94-017	940326	S	130.87	C	1	N/A	ZZ	ZZZZZZ	Normal refueling outage.

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
 Instruction 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