

CP&L

Carolina Power & Light Company

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

JUN 09 1994

FILE: B09-13510C
BSEP/94-0209

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 May 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 Senior Project Manager
Mr. R. L. Prevatte, Brunswick NRC Senior Resident Inspector

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RUN DATE 06/01/94
RUN TIME 14:51:20

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

MAY 1994			
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	791	17	790
2	792	18	791
3	793	19	790
4	791	20	793
5	793	21	793
6	794	22	777
7	793	23	793
8	792	24	793
9	794	25	791
10	793	26	789
11	792	27	790
12	791	28	791
13	791	29	791
14	792	30	791
15	791	31	790
16	791		

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 RUN DATE 06/01/94
 RUN TIME 14:51:21

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 1

PAGE 1
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DOCKET NO. 050-0325
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-2756

OPERATING STATUS

- | | |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | NOTES |
| 2. REPORTING PERIOD: MAY 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	3623.00	150815.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2853.00	90734.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	744.00	2632.35	86833.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1809501.72	6196768.90	189218712.60
17. GROSS ELEC. ENERGY GEN. (MWH)	605210.00	2051195.00	62070480.00
18. NET ELEC. ENERGY GENERATED (MWH)	588608.00	1982989.00	59631938.00
19. UNIT SERVICE FACTOR	100.00	72.66	57.58
20. UNIT AVAILABILITY FACTOR	100.00	72.66	57.58
21. UNIT CAP. FACTOR (USING MDC NET)	103.15	71.36	50.34
22. UNIT CAP. FACTOR (USING DER NET)	96.36	66.67	48.16
23. UNIT FORCED OUTAGE RATE	.00	.41	15.67
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
RUN DATE 06/01/94
RUN TIME 14:51:20

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

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

MAY 1994			
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-5	17	-4
2	-5	18	-4
3	-6	19	-4
4	-6	20	-4
5	-5	21	-4
6	-5	22	-4
7	-5	23	-4
8	-5	24	-5
9	-5	25	-5
10	-5	26	-5
11	-5	27	-5
12	-5	28	-5
13	-4	29	-4
14	-5	30	-5
15	-5	31	-4
16	-5		

CP&L CO
 RUN DATE 06/01/94
 RUN TIME 14:51:21

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 2

PAGE 2
 RPD36-000

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

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2
2. REPORTING PERIOD: MAY 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	3623.00	162839.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	2029.13	100035.81
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	2019.00	94699.45
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	4795240.67	201692030.42
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1557640.00	65236954.00
18. NET ELEC. ENERGY GENERATED (MWH)	-3510.00	1505976.00	62530029.00
19. UNIT SERVICE FACTOR	.00	55.73	58.16
20. UNIT AVAILABILITY FACTOR	.00	55.73	58.16
21. UNIT CAP. FACTOR (USING MDC NET)	-.63	55.13	49.02
22. UNIT CAP. FACTOR (USING DER NET)	-.57	50.63	46.77
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: 6/19/94
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 June 1994
 COMPLETED BY Frances Bartleson
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH May 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	744.0	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 - Automatic 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