



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

MAR 14 1996

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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 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 February 1996.

Please refer any questions regarding this submittal to Ms. Frances Harrison at (910) 457-2756.

Sincerely,

R. P. Lopriore
Plant General Manager
Brunswick Nuclear Plant

FH/mcg
MSC/93-8524

Enclosures

cc: Mr. S. D. Ebner, Regional Administrator, Region II
Mr. D. C. Trimble, Jr., NRR Project Manager - Brunswick Units 1 and 2
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick Units 1 and 2
The Honorable H. Wells, Chairman - North Carolina Utilities Commission

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ENCLOSURE 1
BRUNSWICK STEAM ELECTRIC PLANT, UNITS NOS. 1 AND 2
DOCKET NOS. 50-325 & 50-324
LICENSE NOS. DPR-71 & DPR-62

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT

CP&L CO
RUN DATE 03/10/96
RUN TIME 11:17:04

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

PAGE 1
RPD39-000

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

FEBRUARY 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	805	17	806
2	805	18	806
3	806	19	806
4	806	20	805
5	806	21	804
6	806	22	803
7	806	23	803
8	806	24	802
9	805	25	803
10	805	26	802
11	805	27	802
12	805	28	801
13	806	29	800
14	806		
15	806		
16	806		

CP&L CO.
RUN DATE 03/12/96
RUN TIME 08:28:17

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 1

PAGE 1
RPD36-000

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1] NOTES]
2. REPORTING PERIOD: FEBRUARY 96]]
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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	696.00	1440.00	166152.00
12. NUMBER OF HOURS REACTOR CRITICAL	696.00	1410.52	104803.26
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	696.00	1394.03	100745.20
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1694695.97	3266067.98	222624638.81
17. GROSS ELEC. ENERGY GEN (MWH)	573330.00	1094040.00	73200820.00
18. NET ELEC. ENERGY GENERATED (MWH)	559906.00	1068060.00	70444778.00
19. UNIT SERVICE FACTOR	100.00	96.81	60.63
20. UNIT AVAILABILITY FACTOR	100.00	96.81	60.63
21. UNIT CAP. FACTOR (USING MDC NET)	104.88	96.70	54.10
22. UNIT CAP. FACTOR (USING DER NET)	97.99	90.34	51.64
23. UNIT FORCED OUTAGE RATE	.00	3.19	13.96
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 03/10/96
RUN TIME 11:17:04

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

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RPD39-000

DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

FEBRUARY 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	421	17	-3
2	396	18	-4
3	-14	19	-4
4	-9	20	-5
5	-8	21	-4
6	-8	22	-3
7	-7	23	-4
8	-6	24	-4
9	-6	25	-4
10	-5	26	-4
11	-5	27	-5
12	-5	28	-5
13	-5	29	-5
14	-4		
15	-4		
16	-4		

CP&L CO.
RUN DATE 03/12/96
RUN TIME 08:28:17

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 2

PAGE 2
RPD36-000

DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2] NOTES]
2. REPORTING PERIOD: FEBRUARY 96]]
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:		

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	696.00	1440.00	178176.00
12. NUMBER OF HOURS REACTOR CRITICAL	47.63	791.63	114107.33
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	47.63	791.63	108669.34
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	64339.63	1174366.37	233359371.74
17. GROSS ELEC. ENERGY GEN (MWH)	20670.00	381590.00	75450311.00
18. NET ELEC. ENERGY GENERATED (MWH)	16134.00	360288.00	72409505.00
19. UNIT SERVICE FACTOR	6.84	54.97	60.99
20. UNIT AVAILABILITY FACTOR	6.84	54.97	60.99
21. UNIT CAP. FACTOR (USING MDC NET)	3.07	33.18	52.04
22. UNIT CAP. FACTOR (USING DER NET)	2.82	30.48	49.50
23. UNIT FORCED OUTAGE RATE	.00	.00	11.13
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: 3/13/96
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED
INITIAL CRITICALITY _____

INITIAL ELECTRICITY _____

COMMERCIAL OPERATION _____

ENCLOSURE 2
BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2
DOCKET NOS. 50-325 & 50-324
LICENSE NOS. DPR-71 & DPR-62

UNIT SHUTDOWN AND POWER REDUCTION
REPORT - FEBRUARY 1996

DOCKET NO. 050-0324
 UNIT NAME Brunswick II
 DATE March 1996
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH February 1996

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
95-052	950827	S		H	5	N/A	RC	ZZ	Core Coastdown completed.
96-014	960202	S		C	2	N/A	RC	FUELXX	Manually scrambled the Rx and manually tripped the Main Turbine - start of 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:
 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

ENCLOSURE 3

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
NRC DOCKET NOS. 50-325 & 50-324
OPERATING LICENSE NOS. DPR-71 & DPR-62

LIST OF REGULATORY COMMITMENTS

The following table identifies those actions committed to by Carolina Power & Light Company in this document. Any other actions discussed in the submittal represent intended or planned actions by Carolina Power & Light Company. They are described to the NRC for the NRC's information and are not regulatory commitments. Please notify the Manager - Regulatory Affairs at the Brunswick Nuclear Plant of any questions regarding this document or any associated regulatory commitments.

Commitment	Committed date or outage
1. None	