



Carolina Power & Light Company  
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United States 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 Nuclear Plant, Units 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of December 1995.

If you have any questions regarding this report, please contact Ms. Frances Harrison at (910) 457-2756.

Very truly yours,

R. Lopriore  
Plant Manager  
Brunswick Nuclear Plant

FH/mcg  
MSC/93-8524  
Enclosures

cc: Mr. S. D. Ebnetter, Regional Administrator, Region II  
Mr. C. A. Patterson, NRC Senior Resident Inspector - Brunswick  
Mr. D. C. Trimble, NRR Project Manager - Brunswick  
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 01/09/96  
RUN TIME 07:21:44

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

DECEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	804	17	804
2	802	18	805
3	801	19	804
4	802	20	803
5	803	21	804
6	804	22	805
7	803	23	806
8	803	24	806
9	803	25	806
10	803	26	806
11	804	27	806
12	804	28	807
13	804	29	807
14	803	30	808
15	803	31	806
16	803		

CP&L CO.  
 RUN DATE 01/15/96  
 RUN TIME 10:34:41

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

- |   | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1  |       |
| 2. REPORTING PERIOD: DECEMBER 95  |       |
| 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	8760.00	164712.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	7521.42	103392.74
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	744.00	7394.18	99351.17
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1811682.43	17822843.94	219358570.83
17. GROSS ELEC. ENERGY GEN (MWH)	613320.00	5947055.00	72106780.00
18. NET ELEC. ENERGY GENERATED (MWH)	598363.00	5777679.00	69376718.00
19. UNIT SERVICE FACTOR	100.00	84.41	60.32
20. UNIT AVAILABILITY FACTOR	100.00	84.41	60.32
21. UNIT CAP. FACTOR (USING MDC NET)	104.86	85.99	53.73
22. UNIT CAP. FACTOR (USING DER NET)	97.96	80.34	51.30
23. UNIT FORCED OUTAGE RATE	.00	2.05	14.09
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

NONE.

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 01/09/96  
RUN TIME 07:21:44

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

PAGE 2  
RPD39-000

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

DECEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	616	17	543
2	612	18	542
3	601	19	538
4	603	20	535
5	600	21	534
6	596	22	533
7	595	23	527
8	595	24	525
9	348	25	526
10	579	26	522
11	554	27	519
12	559	28	518
13	554	29	516
14	550	30	509
15	551	31	509
16	543		

CP&L CO.  
 RUN DATE 01/15/96  
 RUN TIME 10:34:41

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

- |   | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 2  |       |
| 2. REPORTING PERIOD: DECEMBER 95  |       |
| 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	8760.00	176736.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	8760.00	113315.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	8760.00	107877.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1305828.52	19934668.87	232185005.37
17. GROSS ELEC. ENERGY GEN (MWH)	422940.00	6419100.00	75068721.00
18. NET ELEC. ENERGY GENERATED (MWH)	406806.00	6215958.00	72049217.00
19. UNIT SERVICE FACTOR	100.00	100.00	61.04
20. UNIT AVAILABILITY FACTOR	100.00	100.00	61.04
21. UNIT CAP. FACTOR (USING MDC NET)	72.52	94.11	52.19
22. UNIT CAP. FACTOR (USING DER NET)	66.60	86.43	49.65
23. UNIT FORCED OUTAGE RATE	.00	.00	11.20

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

*REFUELING OUTAGE, 2/2/96, 39 DAYS*

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 \_\_\_\_\_

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 - DECEMBER 1995

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

UNIT SHUTDOWNS AND POWER REDUCTIONS  
 REPORT MONTH December 1995

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	In progress	H	5	N/A	RC	ZZ	Core Coastdown.
95-065	951209	S	00	B	5	N/A	CB	PUMPXX	Reduced power to 25% for drywell entry to add oil to reactor recirculation pump.

- 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	



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Mr. William D. Travers, Director  
Spent Fuel Project Office  
Office of Nuclear Material Safety  
and Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555-0001

20555-0001

