



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

JAN 16 1996

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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

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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
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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	CUMUL ATIVE
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

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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
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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	CUMUL ATIVE
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	



P.O. Box 1671
Tahlequah, OK 74465



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

