



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

SEP 15 1995

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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 August 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 09/06/95
RUN TIME 09:06:40

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

PAGE 1
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DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

AUGUST 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	776	17	787
2	745	18	787
3	789	19	788
4	788	20	790
5	789	21	790
6	688	22	789
7	789	23	789
8	791	24	787
9	791	25	787
10	791	26	790
11	791	27	791
12	790	28	791
13	788	29	789
14	788	30	786
15	788	31	785
16	754		

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

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1
2. REPORTING PERIOD: AUGUST 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

NOTES

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	5831.00	161783.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	4651.22	100522.54
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	744.00	4526.53	96483.52
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1798615.73	10883500.39	212419227.28
17. GROSS ELEC. ENERGY GEN. (MWH)	598765.00	361406.00	69773790.00
18. NET ELEC. ENERGY GENERATED (MWH)	582247.00	35054.00	67104492.00
19. UNIT SERVICE FACTOR	100.00	77.63	59.64
20. UNIT AVAILABILITY FACTOR	100.00	77.63	59.64
21. UNIT CAP. FACTOR (USING MDC NET)	102.03	78.38	52.89
22. UNIT CAP. FACTOR (USING DER NET)	95.32	73.22	50.52
23. UNIT FORCED OUTAGE RATE	.00	2.01	14.41
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 11
 DATE September 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH August 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
95-046	950814	F	00	A	5	N/A	HC	HIEXCH	Reduced power to 60% for B-N Waterbox Tube Leak.
95-047	950816	F	00	A	5	NA	HB	PIPEXX	MSR Drain Line Leak causing severe Condenser Air In-leakage.
95-050	950820	S	00	B	5	NA	RB	CONROD	Reduced power to 60% for rod improvement.

- 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	

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

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2
2. REPORTING PERIOD: AUGUST 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

NOTES

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	5831.00	173807.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5831.00	110386.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	5831.00	104948.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1632472.73	13875044.81	226125381.31
17. GROSS ELEC. ENERGY GEN. (MWH)	512805.00	4470175.00	73119796.00
18. NET ELEC. ENERGY GENERATED (MWH)	495402.00	4337137.00	70170396.00
19. UNIT SERVICE FACTOR	100.00	100.00	60.38
20. UNIT AVAILABILITY FACTOR	100.00	100.00	60.38
21. UNIT CAP. FACTOR (USING MDC NET)	88.31	98.65	51.66
22. UNIT CAP. FACTOR (USING DER NET)	81.10	90.60	49.17
23. UNIT FORCED OUTAGE RATE	.00	.00	11.48
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): RECAST ACHIEVED

INITIAL CRITICALITY -----

INITIAL ELECTRICITY -----

COMMERCIAL OPERATION -----

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

UNIT SHUTDOWN AND POWER REDUCTION
REPORT - AUGUST 1995

DOCKET NO. 050-0325
 UNIT NAME Brunswick I
 DATE September 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH August 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
95-041	950806	F	00	A	5	N/A	HF	FILTER	Reduced power to 70% - IC CWIP tripped due to high screen differential pressure. Reduced power to maintain condenser vacuum.
95-042	950816	S	00	F	5	NA	ZZ	ZZZZZZ	Reduced power to 60% in accordance with GP-12 - "Power Changes," due to the approach of Hurricane Felix.

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

CP&L CO
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
BRUNSWICK UNIT 2

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DOCKET NO. 050-0324
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TELEPHONE (910)457-2756

AUGUST 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	744	17	343
2	745	18	521
3	744	19	622
4	744	20	551
5	740	21	673
6	743	22	745
7	746	23	745
8	750	24	748
9	749	25	745
10	749	26	741
11	750	27	746
12	746	28	744
13	743	29	741
14	578	30	738
15	112	31	733
16	124		