



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

OCT 13 1995

FILE: B09-13510C
SERIAL: BSEP/95-0538

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

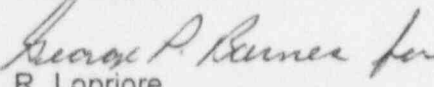
BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
MONTHLY OPERATING REPORT

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 September 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

100074

9510190186 950930
PDR ADOCK 05000324
R PDR

JE24

CP&L CO
RUN DATE 10/11/95
RUN TIME 12:11:57

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

SEPTEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	785	17	786
2	786	18	787
3	788	19	789
4	788	20	789
5	790	21	788
6	790	22	787
7	791	23	790
8	790	24	794
9	789	25	794
10	788	26	794
11	788	27	793
12	788	28	793
13	788	29	794
14	787	30	174
15	787		
16	786		

CP&L CO
 RUN DATE 10/11/95
 RUN TIME 12:11:58

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
2. REPORTING PERIOD: SEPTEMBER 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:

NOTES

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	720.00	6551.00	162503.00
12. NUMBER OF HOURS REACTOR CRITICAL	702.97	5354.19	101225.51
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	702.97	5229.50	97186.49
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1706745.40	12590245.79	214125972.68
17. GROSS ELEC. ENERGY GEN. (MWH)	568750.00	4182815.00	70342540.00
18. NET ELEC. ENERGY GENERATED (MWH)	553445.00	4058898.00	67657937.00
19. UNIT SERVICE FACTOR	97.63	79.83	59.81
20. UNIT AVAILABILITY FACTOR	97.63	79.83	59.81
21. UNIT CAP. FACTOR (USING MDC NET)	100.22	80.78	53.10
22. UNIT CAP. FACTOR (USING DER NET)	93.63	75.47	50.71
23. UNIT FORCED OUTAGE RATE	2.37	2.06	14.33
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 10/11/95
RUN TIME 12:11:57

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

PAGE 2
RPD39-000

DOCKET NO. 050- 4
COMPLETED BY FR. LES HARRISON
TELEPHONE (910)457-2756

SEPTEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	730	17	712
2	726	18	713
3	728	19	711
4	728	20	710
5	728	21	708
6	727	22	703
7	724	23	699
8	720	24	705
9	713	25	703
10	713	26	700
11	708	27	695
12	708	28	692
13	703	29	690
14	698	30	687
15	695		
16	614		

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 10/11/95
 RUN TIME 12:11:58

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 2

PAGE 2
 RPD36-000

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

OPERATING STATUS

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

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	720.00	6551.00	174527.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	6551.00	111106.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	6551.00	105668.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1655589.40	15530634.21	227780970.71
17. GROSS ELEC. ENERGY GEN. (MWH)	526545.00	4996720.00	73646341.00
18. NET ELEC. ENERGY GENERATED (MWH)	508579.00	4845710.00	70678975.00
19. UNIT SERVICE FACTOR	100.00	100.00	60.55
20. UNIT AVAILABILITY FACTOR	100.00	100.00	60.55
21. UNIT CAP. FACTOR (USING MDC NET)	93.68	98.10	51.83
22. UNIT CAP. FACTOR (USING DER NET)	86.04	90.10	49.33
23. UNIT FORCED OUTAGE RATE	.00	.00	11.41
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. 050-0325
 UNIT NAME Brunswick I
 DATE October 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH September 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
95-043	950930	S	00	B	5	N/A	HC	HTEXCH	Reduced power for scheduled water box maintenance.
95-044	950930	F	In progress	A	3	1-95-018	HH	PUMPXX	Rx Scram due to low vessel level caused by condensate system transient. The transient was a result of loss of condensate pump suction pressure caused by excessive air being admitted to the suction header of the condensate pump when a conductivity cell was being replaced during a schedule power reduction.

- 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

DOCKET NO. 050-0324
 UNIT NAME Brunswick 11
 DATE October 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH September 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	00	H	5	N/A	RC	ZZ	Core Coastdown.
95-053	950916	S	00	B	5	N/A	HC	HTEXCH	Reduced power to 60% for A-S, B-S, debris filter maint. Also initiated final feedwater temperature reduction.

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	