



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

NOV 15 1995

FILE: B09-13510C
SERIAL: BSEP/95-0590

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 October 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

210005

9511210174 951031
PDR ADOCK 05000324
R PDR

JE24.1

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 11/07/95
RUN TIME 12:47:03

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

OCTOBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-14	17	800
2	15	18	800
3	459	19	801
4	768	20	800
5	768	21	799
6	795	22	800
7	796	23	800
8	795	24	799
9	797	25	799
10	797	26	798
11	797	27	798
12	798	28	798
13	797	29	800
14	797	30	801
15	798	31	802
16	800		

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

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1
2. REPORTING PERIOD: OCTOBER 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	745.00	7296.00	163248.00
12. NUMBER OF HOURS REACTOR CRITICAL	703.23	6057.42	101928.74
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	700.68	5930.18	97887.17
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1681892.35	14272138.14	215807865.03
17. GROSS ELEC. ENERGY GEN. (MWH)	562265.00	4745080.00	70904805.00
18. NET ELEC. ENERGY GENERATED (MWH)	546993.00	4505891.00	68204930.00
19. UNIT SERVICE FACTOR	94.05	81.28	59.96
20. UNIT AVAILABILITY FACTOR	94.05	81.28	59.96
21. UNIT CAP. FACTOR (USING MDC NET)	95.73	82.31	53.29
22. UNIT CAP. FACTOR (USING DER NET)	89.43	76.89	50.89
23. UNIT FORCED OUTAGE RATE	5.95	2.54	14.28
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 11/07/95
RUN TIME 12:47:03

PLANT 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

OCTOBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	681	17	705
2	682	18	702
3	677	19	701
4	673	20	695
5	670	21	689
6	642	22	689
7	327	23	688
8	524	24	684
9	635	25	681
10	667	26	679
11	559	27	676
12	705	28	672
13	718	29	672
14	706	30	671
15	708	31	667
16	708		

CP&L CO
 RUN DATE 11/07/95
 RUN TIME 12:47:04

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
2. REPORTING PERIOD: OCTOBER 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	745.00	7296.00	175272.00
12. NUMBER OF HOURS REACTOR CRITICAL	745.00	7296.00	111851.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	745.00	7296.00	106413.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1597090.32	17127724.53	229378061.03
17. GROSS ELEC. ENERGY GEN. (MWH)	512265.00	5508985.00	74158606.00
18. NET ELEC. ENERGY GENERATED (MWH)	493971.00	5339687.00	71172946.00
19. UNIT SERVICE FACTOR	100.00	100.00	60.71
20. UNIT AVAILABILITY FACTOR	100.00	100.00	60.71
21. UNIT CAP. FACTOR (USING MDC NET)	87.94	97.06	51.97
22. UNIT CAP. FACTOR (USING DER NET)	80.76	89.14	49.46
23. UNIT FORCED OUTAGE RATE	.00	.00	11.34
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 -----

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 - OCTOBER 1995

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH October 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
95-044	950930	F	61.35	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.
95-046	95-1004	F	00	A	5	N/A	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

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

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH October 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.
95-055	951006	S	00	B	5	N/A	AD	MO	Reduced power to 25% for drywell entry to add oil to reactor recirculation pump.
95-056	951110	S	00	B	5	N/A	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	