



Brunswick Nuclear Plant
P. O. Box 10429
Southport, NC 28461-0429

MAR 10 1995

FILE: B09-13510C
BSEP/95-0122

U. S. 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. 1PR-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 February 1995.

Very truly yours,

W. Levis, Plant Manager - Unit 1
Brunswick Nuclear Plant

FH/mcg
MSC/93-8524

cc: Mr. S. D. Ebnetter, Regional Administrator, Region II
Mr. C. A. Patterson, Brunswick NRC Senior Resident Inspector
Mr. D. C. Trimble, NRR Project Manager - Brunswick Units 1 and 2
The Honorable H. Wells, Chairman - North Carolina Utilities Commission
File B-X-0520.2

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Enclosure
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
NONE	

CP&L CO
RUN DATE 03/06/95
RUN TIME 10:29:38

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

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DOCKET NO. 050-0.15
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

FEBRUARY 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	793	17	790
2	749	18	791
3	794	19	693
4	792	20	793
5	793	21	791
6	793	22	791
7	794	23	792
8	793	24	792
9	792	25	792
10	792	26	792
11	790	27	791
12	791	28	791
13	791		
14	792		
15	791		
16	790		

CP&L CO
RUN DATE 03/06/95
RUN TIME 10:29:39

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: FEBRUARY 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	672.00	1416.00	157368.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1416.00	97287.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	672.00	1416.00	93372.99
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1626526.94	3424452.79	204960179.68
17. GROSS ELEC. ENERGY GEN. (MWH)	543075.00	1143640.00	67303365.00
18. NET ELEC. ENERGY GENERATED (MWH)	528648.00	1112818.00	64711857.00
19. UNIT SERVICE FACTOR	100.00	100.00	59.33
20. UNIT AVAILABILITY FACTOR	100.00	100.00	59.33
21. UNIT CAP. FACTOR (USING MDC NET)	102.57	102.46	52.41
22. UNIT CAP. FACTOR (USING DER NET)	95.82	95.72	50.09
23. UNIT FORCED OUTAGE RATE	.00	.00	14.74
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Unit 1 is scheduled for 55 days Refueling Outage - 4/1/95-5/25/95.

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 March 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH February 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
95-011	2/19/95	F	0	A	5	N/A	CH	PUMPXX	Reduced power to 60% due to 1A Reactor Feed Pump Oil Leak. 1A Reactor Feed Pump was shut down to repair the failed oil line connection and refill the sump. Following repairs, 1A RFP was placed back in service.

- 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
RUN DATE 03/06/95
RUN TIME 10:29:38

PLANT 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

FEBRUARY 1995

DAY AVG. DAILY POWER LEVEL
(MWE-NET)

1	772
2	770
3	772
4	765
5	679
6	770
7	772
8	773
9	773
10	774
11	773
12	774
13	774
14	774
15	773
16	773

DAY AVG. DAILY POWER LEVEL
(MWE-NET)

17	773
18	774
19	772
20	774
21	773
22	773
23	773
24	773
25	772
26	765
27	772
28	771

CP&L CO
RUN DATE 03/06/95
RUN TIME 10:29:39

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 2

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OPERATING STATUS

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

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | |
| 2. REPORTING PERIOD: FEBRUARY 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	672.00	1416.00	169392.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1416.00	105971.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	672.00	1416.00	100533.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1628602.42	3424493.73	215674830.23
17. GROSS ELEC. ENERGY GEN. (MWH)	530625.00	1116355.00	69765976.00
18. NET ELEC. ENERGY GENERATED (MWH)	516619.00	1085712.00	66918971.00
19. UNIT SERVICE FACTOR	100.00	100.00	59.35
20. UNIT AVAILABILITY FACTOR	100.00	100.00	59.35
21. UNIT CAP. FACTOR (USING MDC NET)	101.96	101.69	50.50
22. UNIT CAP. FACTOR (USING DER NET)	93.64	93.39	48.12
23. UNIT FORCED OUTAGE RATE	.00	.00	11.93
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 II
 DATE March 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH February 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
95-008	2/4/95	S	0	B	5	N/A	SN	LCV	Reduced power to 60% for Large Valve Testing and 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 805-1903, 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