



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

MAY 08 1995

FILE: B09-13510C
BSEP/95-0213

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

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RPD39-000

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

APRIL 1995

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

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PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 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: APRIL 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	719.00	2879.00	158831.00
12. NUMBER OF HOURS REACTOR CRITICAL	4.70	2164.70	98036.02
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	4.70	2164.70	94121.69
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	18194.00	5239227.97	206774954.86
17. GROSS ELEC. ENERGY GEN. (MWH)	990.00	1742620.00	67902345.00
18. NET ELEC. ENERGY GENERATED (MWH)	-3029.00	1691170.00	65290209.00
19. UNIT SERVICE FACTOR	.65	75.19	59.26
20. UNIT AVAILABILITY FACTOR	.65	75.19	59.26
21. UNIT CAP. FACTOR (USING MDC NET)	-.55	76.59	52.40
22. UNIT CAP. FACTOR (USING DER NET)	-.51	71.55	50.07
23. UNIT FORCED OUTAGE RATE	.00	.00	14.64
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 May 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 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
95-017	950331	S	8.70	C	5	N/A	ZZ	ZZZZZZ	Reducing power in preparation for refueling outage.
95-018	950401	S	714.3	C	2	N/A	ZZ	ZZZZZZ	Manually scrammed Rx and manually tripped Main Turbine - start of Refueling Outage.

- 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

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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
COMPLETED BY FRANCES HARRISON
TELEPHONE (910)457-2756

APRIL 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	765	17	770
2	725	18	769
3	770	19	768
4	769	20	767
5	770	21	767
6	771	22	766
7	771	23	762
8	766	24	769
9	769	25	769
10	769	26	769
11	769	27	769
12	769	28	769
13	770	29	767
14	770	30	704
15	770		
16	755		

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PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 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: APRIL 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	719.00	2879.00	170855.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	2879.00	107434.70
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	719.00	2879.00	101996.71
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1743086.62	6970370.41	219220706.91
17. GROSS ELEC. ENERGY GEN. (MWH)	565810.00	2269395.00	70919016.00
18. NET ELEC. ENERGY GENERATED (MWH)	549627.00	2206081.00	68039340.00
19. UNIT SERVICE FACTOR	100.00	100.00	59.70
20. UNIT AVAILABILITY FACTOR	100.00	100.00	59.70
21. UNIT CAP. FACTOR (USING MDC NET)	101.38	101.63	50.92
22. UNIT CAP. FACTOR (USING DER NET)	93.11	93.33	48.51
23. UNIT FORCED OUTAGE RATE	.00	.00	11.77
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 May 1995
 COMPLETED BY Frances Harrison
 TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 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
95-022	950401	S	0	B	5	N/A	SN	LCV	Reduced power to 60% for Large Valve Testing & RPF Testing.
95-026	950430	S	0	B	5	N/A	SN	LCV	Reduced power to 60% for Large Valve Testing and RPF "A" Testing.

- 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

Attachment 3

List of Commitments

The following commitments were made in this interaction. There are no other commitments, expressed or implied.

Commitment	Resp group	Committed date or outage	FACTS#
1. NONE			
2.			
3.			
4.			
5.			