



Carolina Power & Light Company

Brunswick Nuclear Plant
P. O. Box 10429
Southport, NC 28461-0429
May 5, 1993

FILE: B09-13510C
BSEP/93-0067

U. S. Nuclear Regulatory Commission
Washington, DC 20555
Attn: Document Control Desk

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 Steam Electric Plant, Units 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of April 1993.

Very truly yours,

J. M. Brown, Plant Manager - Unit 1
Brunswick Nuclear Plant

RHR/agh
MSC/93-8524

Enclosures

cc: Mr. R. A. Anderson
Mr. T. C. Bell
Mr. R. M. Coats
Mr. S. D. Ebnetter
Mr. P. S. Gore
Mr. M. D. Hill
Mr. C. S. Hinnant
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Regulatory Compliance (Document File)

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PDR ADDCK 05003324
R PDR

cert # P 050 523 212

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CP&L CO
RUN DATE 05/03/93
RUN TIME 12:18:50

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 RONALD RUMPLE
TELEPHONE (919)457-2752

APRIL 1993

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

DOCKET NO. 050-0325
 COMPLETED BY RONALD RUMPLE
 TELEPHONE (919)457-2752

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1
2. REPORTING PERIOD: APRIL 93
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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	141311.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	.00	87881.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	.00	.00	84201.37
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	.00	183021943.70
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	.00	60019285.00
18. NET ELEC. ENERGY GENERATED (MWH)	-6474.00	-26292.00	57690914.00
19. UNIT SERVICE FACTOR	.00	.00	59.59
20. UNIT AVAILABILITY FACTOR	.00	.00	59.59
21. UNIT CAP. FACTOR (USING MDC NET)	-1.17	-1.19	51.90
22. UNIT CAP. FACTOR (USING DER NET)	-1.10	-1.11	49.73
23. UNIT FORCED OUTAGE RATE	.00	.00	16.07
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: 9/26/93
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY -----

INITIAL ELECTRICITY -----

COMMERCIAL OPERATION -----

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE May 1993
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1993

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
93-002	930308	S	719.0	C	6	N/A	ZZ	ZZZZZZ	Normal 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:
 Instruction 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 05/03/93
RUN TIME 12:18:50

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

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RPD39-000

DOCKET NO. 050-0324
COMPLETED BY RONALD RUMPLE
TELEPHONE (919)457-2752

APRIL 1993

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

CP&L CO
 RUN DATE 05/03/93
 RUN TIME 12:18:51

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 2

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DOCKET NO. 050-0324
 COMPLETED BY RONALD RUMPLE
 TELEPHONE (919) 457-2752

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | |
| 2. REPORTING PERIOD: APRIL 93 | |
| 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	153335.00
12. NUMBER OF HOURS REACTOR CRITICAL	34.30	34.30	92125.68
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	.00	87154.67
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	.00	184126854.86
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	.00	59550469.00
18. NET ELEC. ENERGY GENERATED (MWH)	-6642.00	-24390.00	57023170.00
19. UNIT SERVICE FACTOR	.00	.00	56.84
20. UNIT AVAILABILITY FACTOR	.00	.00	56.84
21. UNIT CAP. FACTOR (USING MDC NET)	-1.23	-1.12	47.36
22. UNIT CAP. FACTOR (USING DER NET)	-1.13	-1.03	45.30
23. UNIT FORCED OUTAGE RATE	.00	.00	13.51
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 2
 DATE May 1993
 COMPLETED BY Ronald Rumpke
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH April 1993

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
*93-001	920430	S	719.0	B	4 Continued from previous month	1-92-12	TG	XC	To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continued.

*This event was previously 92-025.

- | | | | | |
|---|--|--|--|--|
| 1: <u>Type</u>
F - Forced
S - Scheduled | 2: <u>Reason</u>
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: <u>Method</u>
1 - Manual
2 - Manual Scram
3 - Automatic scram
4 - Continuations
5 - Load reductions
6 - Other | 4: <u>System Code:</u>
Instruction for preparation of data entry sheets for Licensee Event Report (LEO) file from IEEE Standard 805-1983, per NUREG-1022, Section VI, Item 13.b | 5: <u>Component Code</u>
Instructions for preparation of data entry sheets for LER file from IEEE Standard 803A-1983, per NUREG-1022, Section VI, Item 13.c |
|---|--|--|--|--|