



Carolina Power & Light Company

Company Correspondence

Brunswick Nuclear Project
P. O. Box 10429
Southport, NC 28461-0429
January 5, 1993

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BSEP/93-0001

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 December 1992. The startup date for Unit 2 has been established per the Integrated Startup Plan dated November 17, 1992. The startup date for Unit 1 has been established per the Integrated Startup Plan dated December 30, 1992.

Very truly yours,

J. M. Brown, Plant Manager - Unit 2
Brunswick Nuclear Project

RHR/emr
93-8524

Enclosures

- cc: Mr. R. A. Anderson
- Ms. D. M. Aslett
- Mr. T. C. Bell
- Mr. R. M. Coats
- Mr. S. D. Ebnetter
- Mr. M. D. Hill
- Mr. N. B. Le
- Mr. R. E. Morgan
- Mr. W. R. Murray
- Mr. R. G. Oehl
- Mr. R. M. Parsons
- Mr. R. L. Prevatte
- Mr. D. B. Waters
- Mr. F. Yost

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

PAGE 1
RPD39-000

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

DECEMBER 1992

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

CP&L CO
 RUN DATE 01/04/93
 RUN TIME 09:27:44

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 1

PAGE 1
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DOCKET NO. 050-0325
 COMPLETED BY RONALD RUMPLE
 TELEPHONE (919)457-2752

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1
2. REPORTING PERIOD: DECEMBER 92
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 -There are 560 fuel bundles in the Reactor Core, 1090 BWR and 160 PWR spent fuel bundles in the Fuel Pool, and 108 fuel bundles in the new fuel storage vault.

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	744.00	8784.00	138432.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	2517.88	87881.32
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	.00	2487.31	84201.37
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	5896708.27	183021943.70
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1935805.00	60019285.00
18. NET ELEC. ENERGY GENERATED (MWH)	-6548.00	1823876.00	57717206.00
19. UNIT SERVICE FACTOR	.00	28.32	60.83
20. UNIT AVAILABILITY FACTOR	.00	28.32	60.83
21. UNIT CAP. FACTOR (USING MDC NET)	-1.15	27.07	52.97
22. UNIT CAP. FACTOR (USING DER NET)	-1.07	25.29	50.78
23. UNIT FORCED OUTAGE RATE	.00	31.04	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: 6/7/93
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 January 1993
 COMPLETED BY Ronald Rumpie
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH December, 1992

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
92-024	920530	S	744.0	B	4 Continued from previous month	1-92-12	N/A	N/A	To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continued.

- 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&E CO
RUN DATE 01/04/93
RUN TIME 09:27:43

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

PAGE 2
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DOCKET NO. 050-0324
COMPLETED BY RONALD RUMPLE
TELEPHONE (919)457-2752

DECEMBER 1992

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

CP&L CO
 RUN DATE 01/04/93
 RUN TIME 09:27:44

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 BRUNSWICK UNIT 2

PAGE 2
 RPD36-000

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

OPERATING STATUS

- | | |
|---|--|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | NOTES -There are 560 fuel bundles
in the Reactor Core, 1113 BWR and
144 PWR spent fuel bundles in the
fuel pool, and 0 fuel bundles in
the new fuel storage vault. |
| 2. REPORTING PERIOD: DECEMBER 92 | |
| 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	744.00	8784.00	150456.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	2378.33	92091.38
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	2201.18	87154.67
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	4196154.21	184126854.86
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1366375.00	59550469.00
18. NET ELEC. ENERGY GENERATED (MWH)	-3669.00	1257088.00	57047560.00
19. UNIT SERVICE FACTOR	.00	25.06	57.93
20. UNIT AVAILABILITY FACTOR	.00	25.06	57.93
21. UNIT CAP. FACTOR (USING MDC NET)	-.65	18.98	48.25
22. UNIT CAP. FACTOR (USING DER NET)	-.60	17.43	46.18
23. UNIT FORCED OUTAGE RATE	.00	18.45	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: 3/28/93
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPEFATION): FORECAST ACHIEVED

INITIAL CRITICALITY -----

INITIAL ELECTRICITY -----

COMMERCIAL OPERATION -----

DOCKET NO. D50-0324
 UNIT NAME Brunswick 2
 DATE January 1993
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH December, 1992

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
92-025	920430	S	744.0	B	4 Continued from previous month	1-92-12	TG	XC	To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continued.

- 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 (LEG) 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