



Carolina Power & Light Company

Brunswick Nuclear Project
P. O. Box 10429
Southport, NC 28461-0429
December 3, 1992

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BSEP/92-0049

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 October 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 will be established in the Integrated Startup Plan to be submitted on December 30, 1992.

Very truly yours,

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

RHR/emr
90-0041.MSC

Enclosures

cc: Ms. D. M. Aslett
Mr. T. C. Bell
Mr. R. M. Coats
Mr. S. D. Ebnetter
Mr. M. D. Hill
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INPO

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PDR ADOCK 05000324
R PDR

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Let No 5050523209

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RUN TIME 11:58:00

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

NOVEMBER 1992

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

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RUN DATE 12/03/92
RUN TIME 11:58:01

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 1

PAGE 1
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OPERATING STATUS

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

- | | |
|--|---|
| 1. UNIT NAME: BRUNSWICK UNIT 1
2. REPORTING PERIOD: NOVEMBER 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 sWR 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8040.00	137688.00
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	283021943.70
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1935805.00	60019285.00
18. NET ELEC. ENERGY GENERATED (MWH)	-6650.00	1830424.00	57723754.00
19. UNIT SERVICE FACTOR	.00	30.94	61.15
20. UNIT AVAILABILITY FACTOR	.00	30.94	61.15
21. UNIT CAP. FACTOR (USING MDC NET)	-1.20	29.68	53.26
22. UNIT CAP. FACTOR (USING DER NET)	-1.12	27.73	51.06
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: 5/15/93
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 December 1992
 COMPLETED BY Ronald Rumble
 TELEPHONE 919-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
 REPORT MONTH November 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	720.0	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 continue.

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 12/03/92
RUN TIME 11:58:00

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

NOVEMBER 1992

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

CP&L CO
RUN DATE 12/03/92
RUN TIME 11:58:01

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 | <div>-----
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.
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| 2. REPORTING PERIOD: NOVEMBER 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8040.00	149712.00
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)	-6865.00	1260757.00	57051229.00
19. UNIT SERVICE FACTOR	.00	27.38	58.21
20. UNIT AVAILABILITY FACTOR	.00	27.38	58.21
21. UNIT CAP. FACTOR (USING MDC NET)	-1.26	20.80	48.49
22. UNIT CAP. FACTOR (USING DER NET)	-1.16	19.10	46.42
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 OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE December 1992
 COMPLETED BY Ronald Rumpke
 TELEPHONE 918-457-2752

UNIT SHUTDOWNS AND POWER REDUCTIONS
REPORT MONTH November 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	720.0	B	4 Continued from previous month	1-92-12	TG	XC	To complete the scheduled maintenance outage for backlog reduction. Also, structural inspections continue

- 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 - Automatic scram
 - 3 - Continuations
 - 4 - Load reductions
 - 5 - Other
- 4: System Code:
- Instructions 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: 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