

CP&L CO
RUN DATE 04/06/89
RUN TIME 08:36:22

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

PAGE 1
RPD39-000

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-2756

MARCH 1989

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

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CP&L CO
RUN DATE 04/06/89
RUN TIME 08:36:25

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 1

PAGE 1
RPD36-000

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-2756

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | |
| 2. REPORTING PERIOD: MARCH 89 | |
| 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): 815.0 | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0 | |
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	2160.00	105528.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	.00	67604.62
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	.00	.00	64383.52
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	.00	136283846.02
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	.00	44730535.00
18. NET ELEC. ENERGY GENERATED (MWH)	-6096.00	-12464.00	42987384.00
19. UNIT SERVICE FACTOR	.00	.00	61.01
20. UNIT AVAILABILITY FACTOR	.00	.00	61.01
21. UNIT CAP. FACTOR (USING MDC NET)	-1.04	-.73	51.56
22. UNIT CAP. FACTOR (USING DER NET)	-1.00	-.70	49.62
23. UNIT FORCED OUTAGE RATE	.00	.00	15.92
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: 04/10/89
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

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

DOCKET NO.: 050-0325
UNIT: Brunswick 1
DATE: April 1989
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 1

Unit 1 was shut down on 11/10/88 for refueling/maintenance outage.

There are 1200 BWR and 160 PWR spent fuel bundles in the Brunswick Unit 1 fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE April 1989
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-2756

REPORT MONTH March 1989

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
88-079	881110	S	744	C			RC	Fuel XX	Normal refueling/maintenance outage.

- 1 F - Forced
 S - Sched
- 2 A - Equip failure
 B - Maint or test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
- 3 F - Admin
 G - Oper error
 H - Other
- 4 Exhibit C
 Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)
- 5 Exhibit 1 - Same Source

CP&L CO
RUN DATE 04/06/89
RUN TIME 08:36:22

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

PAGE 2
RPD39-000

DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-2756

MARCH 1989

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	781	17	765
2	781	18	270
3	780	19	667
4	779	20	770
5	781	21	772
6	780	22	773
7	781	23	775
8	781	24	773
9	779	25	749
10	780	26	773
11	778	27	772
12	771	28	724
13	778	29	771
14	779	30	771
15	780	31	732
16	780		

DOCKET NO. 050-0324
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-2756

OPERATING STATUS

- | 1. UNIT NAME: BRUNSWICK UNIT 2 | NOTES |
|---|-------|
| 2. REPORTING PERIOD: MARCH 89 | |
| 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): 815.0 | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0 | |
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	2160.00	117552.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	74930.29
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	2160.00	70769.35
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1760771.98	5192708.17	146901370.32
17. GROSS ELEC. ENERGY GEN. (MWH)	578240.00	1712085.00	47535576.00
18. NET ELEC. ENERGY GENERATED (MWH)	560305.00	1660993.00	45575202.00
19. UNIT SERVICE FACTOR	100.00	100.00	60.20
20. UNIT AVAILABILITY FACTOR	100.00	100.00	60.20
21. UNIT CAP. FACTOR (USING MDC NET)	95.33	97.34	49.08
22. UNIT CAP. FACTOR (USING DER NET)	91.73	93.66	47.22
23. UNIT FORCED OUTAGE RATE	.00	.00	12.90
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: Brunswick 2
DATE: April 1989
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 2

Brunswick Unit 2 operated at a 95.33% capacity factor and a 100% availability factor for the month of March 1989. There were three power reductions.

There are 940 BWF and 144 PWR spent fuel bundles in the Brunswick Unit 2 fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 1989
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-2756

REPORT MONTH March 1989

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
89-011	890317	S	.00	B	5	N/A			Power reduction for drywell entry to add oil to 2B recirc pump.

- 1 F - Forced
 S - Sched
- 2 A - Equip failure
 B - Maint or test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
- 3 F - Admin
 G - Oper error
 H - Other
- 4 1 - Manual
 2 - Manual scram
 3 - Auto scram
 4 - Continuations
 5 - Load Reductions
 6 - Other
- 5 Exhibit G
 Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)
- 5 Exhibit 1 - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 1989
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-2756

REPORT MONTH March 1989

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
89-013	890328	F	.00	A	5	N/A			Power reduction for 2B recirc M-G set brush replacement.

- | | | | | |
|-----------------------------------|---|---|---|---|
| <p>1 F - Forced
S - Sched</p> | <p>2 A - Equip failure
B - Maint or test
C - Refueling
D - Regulatory restriction
E - Operator Training & License Examination</p> | <p>3 F - Admin
G - Oper error
H - Other</p> | <p>4 1 - Manual
2 - Manual scram
3 - Auto scram
4 - Continuations
5 - Load Reductions
6 - Other</p> | <p>5 Exhibit G
Instructions for Preparation of Data Entry Sheet Licensee Event Report (LER) File (NUREG-0161)</p> |
|-----------------------------------|---|---|---|---|

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 1989
 COMPLETED BY Frances Harrison
 TELEPHONE 919-457-2756

REPORT MONTH March 1989

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
89-014	890331	S	.00	A	5	N/A			Power reduction for 2A recirc M-G set brush replacement.

- 1 F - Forced
 S - Sched
- 2 A - Equip failure
 B - Maint or test
 C - Refueling
 D - Regulatory restriction
 E - Operator Training & License Examination
- 3 F - Admin
 G - Oper error
 H - Other
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- 5 Exhibit 1 - Same Source



Carolina Power & Light Company

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

April 5, 1989

FILE: B09-13510C
SERIAL: BSEP/89-0312

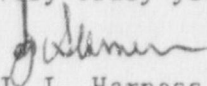
U.S. Nuclear Regulatory Commission
Washington, DC 20555
Attn: Document Control Desk

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

Dear Mr. Scroggins:

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 March 1989.

Very truly yours,


J. L. Harness, General Manager
Brunswick Steam Electric Plant

FH/je
MSC/85-0014

Enclosures

cc: Mr. M. R. Beebe
Mr. T. C. Bell
Mr. S. D. Ebnetter
Mr. B. J. Furr
Ms. F. E. Harrison
Mr. M. D. Hill
Mr. R. B. Starkey
Mr. L. S. Mull
Mr. F. Murray
Mr. W. R. Murray
Mr. R. G. Oehl
Mr. W. H. Ruland
Mr. R. M. Scroggins
Ms. H. M. Shaver
Ms. D. J. Vicks
INPO

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