

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 06/01/84
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

MAY 1984

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	781	17	794
2	780	18	793
3	777	19	782
4	771	20	790
5	759	21	789
6	756	22	787
7	762	23	786
8	781	24	789
9	781	25	756
10	786	26	9
11	755	27	-10
12	449	28	-9
13	689	29	-11
14	745	30	-5
15	743	31	395
16	788		

OPERATING DATA REPORT

DOCKET NO. 050-0325
 DATE 06/01/84
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-9521

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | |
| 2. REPORTING PERIOD: MAY 84 | |
| 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	3647.00	63168.00
12. NUMBER OF HOURS REACTOR CRITICAL	652.43	3158.19	39556.17
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	628.37	3062.45	37150.98
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1425708.95	7146218.42	75573512.99
17. GROSS ELEC. ENERGY GEN. (MWH)	479120.00	2391320.00	24938371.00
18. NET ELEC. ENERGY GENERATED (MWH)	464091.00	2322861.00	23936701.00
19. UNIT SERVICE FACTOR	84.46	83.97	58.81
20. UNIT AVAILABILITY FACTOR	84.46	83.97	58.81
21. UNIT CAP. FACTOR (USING MDC NET)	78.96	80.62	47.97
22. UNIT CAP. FACTOR (USING DER NET)	75.98	77.58	46.16
23. UNIT FORCED OUTAGE RATE	15.54	11.79	22.29
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:

APPENDIX

DOCKET NO.: 050-325
UNIT: Brunswick 1
DATE: May 1984
COMPLETED BY: Francis Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 1

Brunswick Unit 1 operated at an 84.46% availability factor for the month of May with a 78.96% capacity factor. There was one off-line outage and one power reduction. Details are in Appendix D, the Unit Shutdown and Power Reduction Log.

There are 656 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 June 1984
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

REPORT MONTH May 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-033	S40511	F	00	A	5	N/A			Reduced power for maintenance on 1B reactor feed pump and MD-V17

¹
 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
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

⁵
 Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE June 1984
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

REPORT MONTH May 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-038	840526	F	115.63	B	2	N/A	XX	Vessel	Unit shutdown for drywell leakage maintenance.

¹
 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
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 5-Load Reductions
 6-Other

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 Exhibit I - Same Source

APPENDIX 3
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0374
UNIT BRUNSWICK UNIT 2
DATE 06/01/84
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

MAY		1984	
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-5	17	-5
2	-5	18	-5
3	-5	19	-5
4	-5	20	-5
5	-4	21	-5
6	-4	22	-5
7	-4	23	-6
8	-6	24	-5
9	-6	25	-5
10	-5	26	-5
11	-6	27	-6
12	-5	28	-6
13	-5	29	-6
14	-5	30	-5
15	-5	31	-5
16	-5		

OPERATING DATA REPORT

DOCKET NO. 050-0324
 DATE 06/01/84
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-9521

OPERATING STATUS

- | | | | |
|---|--|-------|--|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | | NOTES | |
| 2. REPORTING PERIOD: MAY 84 | | | |
| 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	3647.00	75192.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	1604.33	46331.75
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	1566.99	43352.46
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	3355120.34	81931841.36
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1110430.00	27220128.00
18. NET ELEC. ENERGY GENERATED (MWH)	-3893.00	1063222.00	26091040.00
19. UNIT SERVICE FACTOR	.00	42.97	57.66
20. UNIT AVAILABILITY FACTOR	.00	42.97	57.66
21. UNIT CAP. FACTOR (USING MDC NET)	-.66	36.90	43.92
22. UNIT CAP. FACTOR (USING DER NET)	-.64	35.51	42.26
23. UNIT FORCED OUTAGE RATE	.00	2.22	15.54
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): FORCAST ACHEIVED

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

APPENDIX

DOCKET NO.: 050-324
UNIT: Brunswick 2
DATE: May 1984
COMPLETED BY: Francis Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 2

Brunswick Unit 2 off-line for refueling/maintenance outage. There are 580 BWR and 144 PWR spent fuel bundles in the Brunswick 2 fuel pool. 560 bundles have been moved to spent fuel pool during refueling; of these, 184 will remain in the pool when the core is reloaded.

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE June 1984
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

REPORT MONTH May 1984

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
84-020	840313	S	In progress	C	4	N/A	RC	FUELXX	Refueling/maintenance outage

¹
 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
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⁴
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⁵
 Exhibit I - Same Source



Carolina Power & Light Company

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

June 1, 1984

FILE: B09-13510C
SERIAL: BSEP/84-1431

Mr. R. C. DeYoung - Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2
LICENSE NOS. DPR-71 AND DPR-62
DOCKET NOS. 50-325 AND 50-324
MONTHLY OPERATING REPORT

Dear Mr. DeYoung:

In accordance with Technical Specification 6.9.1.6 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 May 1984.

Very truly yours,

C. R. Dietz, General Manager
Brunswick Steam Electric Plant

FH/ag/LETJ05

Enclosures

cc: Ms. J. C. Baker
Mr. S. W. McDowell
Mr. J. P. O'Reilly
Mr. S. L. Rosen

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