

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 07/06/83
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

JUNE 1983

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

IE24
1/1

OPERATING DATA REPORT

DOCKET NO. 050-0325
 DATE 07/06/83
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-9521

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | |
| 2. REPORTING PERIOD: JUNE 83 | |
| 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	720.00	4343.00	55104.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	.00	33888.47
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	.00	.00	31970.03
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	.00	63896018.86
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	.00	21062188.00
18. NET ELEC. ENERGY GENERATED (MWH)	-4966.00	-22749.00	20202370.00
19. UNIT SERVICE FACTOR	.00	.00	58.02
20. UNIT AVAILABILITY FACTOR	.00	.00	58.02
21. UNIT CAP. FACTOR (USING MDC NET)	-.87	-.66	46.41
22. UNIT CAP. FACTOR (USING DER NET)	-.84	-.64	44.66
23. UNIT FORCED OUTAGE RATE	.00	.00	24.03
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: 07/22/83
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORCAST ACHIEVED

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-325

UNIT NAME Brunswick No. 1

DATE July 1983

COMPLETED BY Frances Harrison

TELEPHONE (919)457-9521

REPORT MONTH June 1983

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
83116	821211	S	720	C	4	NA	RC	FUELXX	Refueling/Maintenance Outage

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance of 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

APPENDIX

DOCKET NO.: 050-325
UNIT: Brunswick No. 1
DATE: July 1983
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 was shutdown the entire month of June for a refueling/maintenance outage.

There are 656 BWR and 160 PWR spent fuel bundles in the Brunswick No. 1 fuel pool.

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0324
UNIT BRUNSWICK UNIT 2
DATE 07/05/83
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

JUNE 1983

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	774	17	704
2	595	18	700
3	-15	19	750
4	-17	20	418
5	277	21	-13
6	193	22	-12
7	370	23	-11
8	464	24	-11
9	713	25	-14
10	736	26	243
11	650	27	610
12	366	28	649
13	642	29	648
14	724	30	482
15	725		
16	726		

OPERATING DATA REPORT

POCKET NO. 050-0324
 DATE 07/06/83
 COMPLETED BY FRANCES HARRISON
 TELEPHONE (919)457-9521

OPERATING STATUS

- | | NOTES |
|---|-------|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | |
| 2. REPORTING PERIOD: JUNE 83 | |
| 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	720.00	4343.00	67128.00
12. NUMBER OF HOURS REACTOR CRITICAL	568.41	3189.81	41965.93
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	531.02	3015.26	39166.00
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1000552.90	6345039.47	72642022.83
17. GROSS ELEC. ENERGY GEN. (MWH)	327173.00	2127839.00	24144531.00
18. NET ELEC. ENERGY GENERATED (MWH)	313526.00	2048847.00	23140773.00
19. UNIT SERVICE FACTOR	73.75	69.43	58.35
20. UNIT AVAILABILITY FACTOR	73.75	69.43	58.35
21. UNIT CAP. FACTOR (USING MDC NET)	55.12	59.72	43.64
22. UNIT CAP. FACTOR (USING DER NET)	53.04	57.46	41.99
23. UNIT FORCED OUTAGE RATE	26.25	8.44	16.22
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Maintenance/Condenser 9-3-83 22 Weeks

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	-----	-----

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 050-325
 UNIT NAME Brunswick No. 2
 DATE July 1983
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

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
83-050	830602	F	54.1	A	3	NA	HA	GENERA	Rx scram-power load unbalance was tested light didn't go out and turbine tripped on load reject.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of 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

REPORT MONTH June 1983

DOCKET NO. 050-325
 UNIT NAME Brunswick No. 2
 DATE July 1983
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

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
83-052	830606	F	.00	A	5	NA	CH	PUMPXX	Reduced power-"A" rx feedpump oscillating.

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:
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 050-325
 UNIT NAME Brunswick No. 2
 DATE July 1983
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

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
83-055	830611	F	.00	A	5	NA	HC	HTEXCH	Reduced power for waterbox work.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Test
 C-Refueling
 D-Regulatory Restriction
 E-Operator Training & License Examination
 F-Administrative
 G-Operational Error (Explain)
 H-Other (Explain)

³
 Method:
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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1983

DOCKET NO. 050-325
 UNIT NAME Brunswick No. 2
 DATE July 1983
 COMPLETED BY Frances Harrison
 TELEPHONE (919)457-9521

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
83-062	830620	F	134.6	A	3	NA	ZZ	ZZZZZZ	Rx scram on hi water level. (Drywell cooler cleaning and EHC oil leak repaired while unit is down)

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
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 Exhibit I - Same Source

APPENDIX

DOCKET NO.: 050-324
UNIT: Brunswick No. 2
DATE: July 1983
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 operated at 73.75% availability factor for the month of June with a 55.12% capacity factor. There were two scrams and two power reductions this month. They are detailed in Appendix D, the unit shut-downs and power reduction log.

There are 424 BWR and 144 PWR spent fuel bundles in the Brunswick No. 2 fuel pool.

S/RV FAILURE/CHALLENGES REPORT

UNIT 2

DATE: July 1983

TIME OF OCCURRENCE: _____

DETAILS OF S/RV's FAILURE: There were no challenges to main steam system
safety/relief valves for the scram in May or the ones in June 1983.



Carolina Power & Light Company

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

July 6, 1983

FILE: B09-13510C
SERIAL: BSEP/83-2191

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

BRUNSWICK STEAM ELECTRIC PLANT, UNIT NOS. 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, Unit Nos. 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of June 1983.

Very truly yours,

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

FH/ag

Enclosure

cc: Mr. J. P. O'Reilly
Ms. J. C. Baker
Mr. S. L. Rosen
Ms. Mary Hodges

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