

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 04/07/83
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

MARCH 83

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MARCH 1983

DOCKET NO. 050-0325
UNIT NAME Brunswick 1
DATE April 1983
COMPLETED BY F. 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
83116	821211	S	744	C	4	NA	RC	FUELXX	Refueling 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: April 1983
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 was shut down the entire month of March for a refueling/maintenance outage.

There are 948* BWR and 160 PWR spent fuel bundles in the Brunswick No. 1 fuel pool.

*472 bundles have been moved to spent fuel during refueling; of these, 160 will remain in the pool when the core is reloaded.

OPERATING DATA REPORT

DOCKET NO. 050-0324
DATE 04/01/83
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2	I	NOTES	I
2. REPORTING PERIOD: MARCH 83	I		I
3. LICENSED THERMAL POWER (MWT): 2436	I		I
4. NAMEPLATE RATING (GROSS MWE): 867.0	I		I
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0	I		I
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	I		I
7. MAX DEPENDABLE CAPACITY (NET MWE): 790.0	I		I

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): NONE
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.0	2160.0	64945.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1864.0	40640.1
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE	744.0	1821.3	37972.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1773155.4	3908966.3	70205945.1
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	600120.0	1323328.0	23340020.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	583446.0	1280638.0	22372564.0
19. UNIT SERVICE FACTOR	100.0	84.3	58.5
20. UNIT AVAILABILITY FACTOR	100.0	84.3	58.5
21. UNIT CAPACITY FACTOR (USING MDC NET)	99.3	75.0	43.6
22. UNIT CAPACITY FACTOR (USING DER NET)	95.5	72.2	42.0
23. UNIT FORCED OUTAGE RATE	0.0	1.6	16.3
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):	Dual 4-9-83	11 days	

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 0/ 0/ 0
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORCAST ACHEIVED

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

APPENDIX

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

OPERATIONS SUMMARY BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 operated at a 100% availability factor for the month of March with a 99.3% capacity factor. There were five power reductions, they are detailed in Appendix D, the unit shutdowns and power reductions log.

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

Challenges to the main steam line safety relief valve is incomplete. It will be included in April, 1983 report.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1983

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 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
83-023	830304	F	.0		5	NA	---	----	Routine valve testing and rod improvement.

1
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 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 March 1983

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 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
83024	830314	F	.0		5	NA	CB	PUMPXX	Rx recirc. pump tripped.

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 0161)

5
Exhibit I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1983

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE April 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
83025	830319	F	.0		5	NA	XX	INSTRU	Testing control rods as per P.T. 1.4.1

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1983

DOCKET NO. 050-0324
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 COMPLETED BY Frances Harrison
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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
83026	830331	F	.0		5	NA	CB	PUMPXX	Reduced power to add oil to rx recirc. pump lower motor bearing

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REPORT MONTH March 1983

DOCKET NO. 050-0324
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 DATE April 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
83029	830326	F	.0		5	NA	XX	INSTRU	Reduced power to 65% to shift steam jet air ejectors

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