

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 12/01/82
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

NOVEMBER 82

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	441.	17	487.
2	500.	18	447.
3	576.	19	465.
4	532.	20	536.
5	444.	21	534.
6	572.	22	527.
7	554.	23	526.
8	557.	24	525.
9	555.	25	524.
10	552.	26	533.
11	547.	27	534.
12	545.	28	533.
13	540.	29	528.
14	540.	30	526.
15	537.		
16	537.		

OPERATING DATA REPORT

DOCKET NO. 050-0325
 DATE 12/01/82
 COMPLETED BY FRANCES HARRISON
 TELEPHONE 919-457-9521

OPERATING STATUS

- | | | | |
|---|---|-------|---|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | I | NOTES | I |
| 2. REPORTING PERIOD: NOVEMBER 82 | 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 | | | |
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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.0	8016.0	50017.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	720.0	5381.6	33646.9
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1647.1
14. HOURS GENERATOR ON LINE	720.0	5188.7	31728.4
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1201154.9	9101475.4	63519280.1
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	393300.0	2934461.0	20935669.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	378031.0	2803430.0	20106927.0
19. UNIT SERVICE FACTOR	100.0	64.7	63.4
20. UNIT AVAILABILITY FACTOR	100.0	64.7	63.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	66.5	44.3	50.9
22. UNIT CAPACITY FACTOR (USING DER NET)	64.0	42.6	49.0
23. UNIT FORCED OUTAGE RATE	0.0	34.0	24.2
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling 12/20/82-05/12/83 22 weeks

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): FORECAST ACHIEVED

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

APPENDIX

DOCKET NO.: 050-325
UNIT: Brunswick No. 1
DATE: December 1982
COMPLETED BY: Francis Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 operated at 100% availability factor for the month of November with a 66.5% capacity factor. There were two power reductions this month. Both are detailed in Appendix D, the unit shutdowns and power reductions log.

There are 476 BWR and 160 PWR spent fuel bundles in the Brunswick No. 1 fuel pool.

Brunswick Unit No. 1 is operating at reduced power because of fuel depletion.

*COMPLETED OCTOBER REPORTS ATTACHED

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH October

DOCKET NO. 050-0324
 UNIT NAME Brunswick 2
 DATE November 1982
 COMPLETED BY Frances Harrisor.
 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
82-059	821010	F	175.7	A	3	NA	SB	PIPEXX	<p>Reactor scram. Cracks in heater drain piping. Loss of E-3 Bus #3 diesel generator output breaker would not close in on E-3 bus.</p> <p>The fission type linear indications in the tubular support and the header were satisfactorily repaired by welding per MP-30 Rev. 6. Proposed action to prevent recurrence is to change the type of support.</p>

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-Power 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 October

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE November 1982
 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
2-95	821021	F	94.3	B	3	NA	HA	TURBIN	<p>Reactor scram. Turbine load unbalance test with CV closure.</p> <p>Adjustments were made on the A01 card to adjust the readings at TP1, TP2 & TP3 to obtain current readings and also to balance the readings at these testpoints.</p>

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 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: October

DOCKET NO. 050-0325
 UNIT NAME Brunswick 1
 DATE November 1982
 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
2-97	821030	F	9.5	A	5	NA	XX	PUMPXX	Recirc. pump tripped. Respliced the wires for 1-B21-PS-N045C. insulated splices and spare wires to prevent them from shorting. Dried moisture from pull box and insulated wires.

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 E-Operator Training & License Examination
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 G-Operational Error (Explain)
 H-Other (Explain)

³ Method:
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 4-Continuations
 5-Low Power Reductions
 6-Other

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⁵ Exhibit L - Same as above

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0325

UNIT NAME Brunswick 1

DATE November 1982

COMPLETED BY Frances Harrison

TELEPHONE (919) 457-9521

REPORT MONTH October

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
98	821031	F	9.0	A	5	NA	XX	XXXXXX	<p>Reduced power to less than 30 percent due to EHC-PSL-1759 problems.</p> <p>P.T. 1.3.2.P-1 to be performed again to insure switch operates correctly.</p>

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D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)

3

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

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER 1982

DOCKET NO. 050-0325
 UNIT NAME Brunswick I
 DATE December 1982
 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
82-107	821104	F	7.3	A	5	NA	RA	PUMPXX	Reduced power - 1B RFPT removed from service. Pump thrust bearing was shimmed and RFP was returned to service.

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 G-Operational Error (Explain)
 H-Other (Explain)

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UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER 1982

DOCKET NO. 050-0325
 UNIT NAME Brunswick I
 DATE December 1982
 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
82-112	821117	F	39.8	A	5	NA	HC	HTEXCH	Reduced power for waterbox work. Plugged several tubes.

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 E-Operator Training & License Examination
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 G-Operational Error (Explain)
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APPENDIX

DOCKET NO.: 050-324
UNIT: Brunswick No. 2
DATE: December 1982
COMPLETED BY: Francis Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 was off line the month of November for a maintenance outage.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

REPORT MONTH Nov.

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
82-064	821028	F	720	A	4	N/A	XX	XXXXXX	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)

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