

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325
UNIT BRUNSWICK UNIT 1
DATE 06/03/80
COMPLETED BY EULIS WILLIS
TELEPHONE 919-457-9521

MAY 80

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	656.	17	376.
2	673.	18	385.
3	665.	19	383.
4	663.	20	377.
5	686.	21	270.
6	693.	22	287.
7	688.	23	285.
8	598.	24	283.
9	536.	25	273.
10	540.	26	170.
11	641.	27	0.
12	625.	28	0.
13	619.	29	0.
14	546.	30	0.
15	441.	31	0.
16	331.		

OPERATING DATA REPORT

DOCKET NO. 050-0325
 DATE 06/03/80
 COMPLETED BY EULIS WILLIS
 TELEPHONE 919-457-9521

OPERATING STATUS

- | | | | |
|---|---|-------|---|
| 1. UNIT NAME: BRUNSWICK UNIT 1 | I | NOTES | I |
| 2. REPORTING PERIOD: MAY 80 | 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.0	3647.0	28104.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	615.3	3270.4	20660.0
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1647.1
14. HOURS GENERATOR ON LINE	615.3	3148.3	19481.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	945202.1	6237934.0	40067431.0
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	316244.0	2087474.0	13326293.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	303678.0	2011410.0	12819220.0
19. UNIT SERVICE FACTOR	82.7	86.3	69.3
20. UNIT AVAILABILITY FACTOR	82.7	86.3	69.3
21. UNIT CAPACITY FACTOR (USING MDC NET)	51.7	69.8	57.7
22. UNIT CAPACITY FACTOR (USING DER NET)	49.7	67.2	55.6
23. UNIT FORCED OUTAGE RATE	1.4	10.7	19.9
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 7/ 3/80
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1980

DOCKET NO. 050-0325
 UNIT NAME Brunswick No. 1
 DATE June 1980
 COMPLETED BY Eulis A. Willis
 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
016	800508	F	5.5	A	1	N/A	HC	HTEXCH	<p>Power was reduced to perform work on the condenser water boxes.</p> <p>1A north condenser was removed from service due to plugging. This water box was cleaned and returned to satisfactory service.</p>

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-Other (Explain)

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 May 1980

DOCKET NO. 050-0325
 UNIT NAME Brunswick No. 1
 DATE June 1980
 COMPLETED BY Eulis A. Willis
 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
017	800509	F	13.95	A	1	N/A	HC	HTEXCH	Power was reduced to perform work on the condenser water boxes. 1A south condenser was removed from service due to plugging. The water box was cleaned and returned to satisfactory service.

¹
 F: Forced
 S: Scheduled

²
 Reason:
 A-Equipment Failure (Explain)
 B-Maintenance of Tes.
 C-Refueling
 D-Regularatory 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-Other (Explain)

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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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 Exhibit I - Same Source

(9/77)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH May 1980

DOCKET NO. 050-0325
 UNIT NAME Brunswick No. 1
 DATE June 1980
 COMPLETED BY Eulis A. Willis
 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
018	800514	F	281.1	A	1	N/A	HC	HTEXCH	<p>Power was reduced because of conductivity associated with condenser water box problems.</p> <p>1B north condenser was removed from service due to tube leakage. All attempts to find leaking tubes failed and Unit No. 1 entered the refueling outage with leaks still present. After changing out plugs from previous leaks and cleaning condenser tubes, further attempts will be made to locate leaks upon start up.</p>

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-Other (Explain)

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 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: 050-0325
UNIT: Brunswick No. 1
DATE: June 1980
COMPLETED BY: Eulis A. Willis

OPERATIONS SUMMARY

BRUNSWICK NO. 1

Brunswick Unit No. 1 operated at a 82.7% availability factor for the month of May with a 51.7% capacity factor. There were three major power reductions for the month, all of which can be attributed to condenser water box work. The unit was shut down May 26 to begin a scheduled 38-day refueling outage. Unit No. 1 is expected back on-line July 3, 1980. A more detailed description of the refueling outage will be provided in this report the month the unit returns to service.

APPENDIX B
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0324
UNIT BRUNSWICK UNIT 2
DATE 06/03/80
COMPLETED BY EULIS WILLIS
TELEPHONE 919-457-9521

MAY 80

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	0.	17	0.
2	0.	18	0.
3	0.	19	0.
4	0.	20	0.
5	0.	21	0.
6	0.	22	0.
7	0.	23	0.
8	0.	24	0.
9	0.	25	0.
10	0.	26	0.
11	0.	27	0.
12	0.	28	0.
13	0.	29	0.
14	0.	30	0.
15	0.	31	0.
16	0.		

OPERATING DATA REPORT

DOCKET NO. 050-0324
 DATE 06/03/80
 COMPLETED BY EULIS WILLIS
 TELEPHONE 919-457-9521

OPERATING STATUS

- | | | | |
|---|---|-------|---|
| 1. UNIT NAME: BRUNSWICK UNIT 2 | I | NOTES | I |
| 2. REPORTING PERIOD: MAY 80 | 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	3647.0	40128.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	0.0	1365.7	26689.7
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE	0.0	1228.1	25102.2
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	0.0	2604959.4	46339422.6
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0.0	872613.0	15487687.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	0.0	842126.0	14882598.0
19. UNIT SERVICE FACTOR	0.0	33.7	62.6
20. UNIT AVAILABILITY FACTOR	0.0	33.7	62.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	0.0	29.2	46.9
22. UNIT CAPACITY FACTOR (USING DER NET)	0.0	28.1	45.2
23. UNIT FORCED OUTAGE RATE	0.0	8.1	12.7
24. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 6/20/80
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORCAST ACHEIVED

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

APPENDIX

DOCKET NO: 050-0325
UNIT: Brunswick No. 2
DATE: June 1980
COMPLETED BY: Eulis A. Willis

OPERATIONS SUMMARY

BRUNSWICK NO. 2

Brunswick Unit No. 2 was shut down for the entire month of May for refueling. The unit is expected back on-line May 20, 1980. A more detailed description of the refueling outage will be provided in the Monthly Operating Report for the month the unit returns to service.