

APPENDIX B  
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0325  
UNIT BRUNSWICK UNIT 1  
DATE 04/01/82  
COMPLETED BY FRANCES HARRISON  
TELEPHONE 919-457-9521

MARCH 82

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	744.	17	496.
2	738.	18	495.
3	736.	19	494.
4	735.	20	497.
5	671.	21	496.
6	570.	22	495.
7	742.	23	493.
8	739.	24	332.
9	739.	25	465.
10	742.	26	448.
11	698.	27	448.
12	503.	28	450.
13	498.	29	448.
14	500.	30	441.
15	499.	31	455.
16	498.		



# OPERATING DATA REPORT

DOCKET NO. 050-0325  
 DATE 04/01/82  
 COMPLETED BY FRANCES HARRISON  
 TELEPHONE 919-457-9521

## OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 1	I	NOTES	I
2. REPORTING PERIOD: MARCH 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	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	44161.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	744.0	1952.3	30217.6
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	1647.1
14. HOURS GENERATOR ON LINE	744.0	1899.5	28439.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1299464.5	3824802.9	58242607.6
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	429265.0	1243615.0	19244820.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	415304.0	1201957.0	18505448.0
19. UNIT SERVICE FACTOR	100.0	87.9	64.4
20. UNIT AVAILABILITY FACTOR	100.0	87.9	64.4
21. UNIT CAPACITY FACTOR (USING MDC NET)	70.7	70.4	53.0
22. UNIT CAPACITY FACTOR (USING DER NET)	68.0	67.8	51.0
23. UNIT FORCED OUTAGE RATE	0.0	5.5	21.1
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: 0/ 0/ 0  
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORCAST ACHIEVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERICAL OPERATION	-----	-----



APPENDIX

Docket No: 050-325  
Unit: Brunswick No. 1  
Date: March 1982  
Completed By: Frances Harrison

OPERATIONS SUMMARY  
BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 operated at 100 percent availability factor for the month of February with a 70.7 percent capacity factor.

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



APPENDIX B  
AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0324  
UNIT BRUNSWICK UNIT 2  
DATE 04/01/82  
COMPLETED BY FRANCES HARRISON  
TELEPHONE 919-457-9521

MARCH 82

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	629.	17	587.
2	488.	18	614.
3	608.	19	613.
4	591.	20	574.
5	622.	21	418.
6	625.	22	559.
7	625.	23	592.
8	624.	24	547.
9	620.	25	551.
10	620.	26	550.
11	617.	27	550.
12	571.	28	531.
13	287.	29	525.
14	54.	30	553.
15	532.	31	544.
16	595.		



# OPERATING DATA REPORT

DOCKET NO. 050-0324  
 DATE 04/01/82  
 COMPLETED BY FRANCES HARRISON  
 TELEPHONE 919-457-9521

## OPERATING STATUS

1. UNIT NAME: BRUNSWICK UNIT 2	I	NOTES	I
2. REPORTING PERIOD: MARCH 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.0	2160.0	56185.0
12. NUMBER OF HOURS REACTOR WAS CRITICAL	725.5	1892.9	37059.8
13. REACTOR RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
14. HOURS GENERATOR ON LINE	720.4	1831.8	34601.1
15. UNIT RESERVE SHUTDOWN HOURS	0.0	0.0	0.0
16. GROSS THERMAL ENERGY GENERATED (MWH)	1347895.7	3400325.8	63397863.4
17. GROSS ELECTRICAL ENERGY GENERATED (MWH)	423788.0	1076474.0	21070411.0
18. NET ELECTRICAL ENERGY GENERATED (MWH)	408369.0	1036856.0	20226269.0
19. UNIT SERVICE FACTOR	96.8	84.8	61.6
20. UNIT AVAILABILITY FACTOR	96.8	84.8	61.6
21. UNIT CAPACITY FACTOR (USING MDC NET)	69.5	60.8	45.6
22. UNIT CAPACITY FACTOR (USING DER NET)	66.9	58.5	43.8
23. UNIT FORCED OUTAGE RATE	3.1	15.1	17.0
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: 0/ 0/ 0  
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHEIVED

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



## APPENDIX

Docket No: 050-324  
Unit: Brunswick No. 2  
Date: March 1982  
Completed By: Frances Harrison

### OPERATIONS SUMMARY BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 operated at 96.8 percent availability factor for the month of February with a 69.5 percent capacity factor. There was one off-line outage this month. It is detailed in Appendix D, the unit shutdowns and power reduction log.

There are 264 BWR and 144 PWR spent fuel bundles in the Brunswick Unit No. 2 fuel pool.



## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March 1982

DOCKET NO. 050-0324  
 UNIT NAME Brunswick 2  
 DATE April 1982  
 COMPLETED BY Frances Harrison  
 TELEPHONE (919) 457-9521

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-040	820313	F	23.6	A	3	N/A	IA	INSTRU	Reactor scram on LLI signal at a more conservative setpoint than required while placing a second RFP in service.  N017 level switches were calibrated* and setpoints readjusted.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Continuations  
 5-Load Reductions  
 6-Other

<sup>4</sup>  
 Exhibit G - Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File (NUREG-  
 0161)

<sup>5</sup>  
 Exhibit I - Same Source