#### APPENDIX

DOCKET NO: 050-0325

UNIT: Brunswick Nc. 1 DATE: August 1981

COMPLETED BY: Frances Harrison

### OPERATIONS SUMMARY BRUNSWICK UNIT NO. 1

Brunswick Unit No. 1 was off the line for the entire month of July for a planned maintenance outage.

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. 050-0325 UNIT BRUNSWICK UNIT 1 DATE 08/03/81 COMPLETED BY FRANCES HARRISON TELEPHONE 919-457-9521

## JULY 81

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY A	VG. DAILY POWER LEVEL (MWE-NET)
	-8,	17	-8.
2	-8,	18	-10
3	-9.	19	-10.
4	-11-	20	-100,
5	-12,	21	-164
6	-13.	22	-11.
7	-14.	23	-10.
8	-11,	24	-10.
9	-7.	25	-10.
10	-7.	26	-10.
11	-9.	27	-9.
12	-8.	28	-9,
13	-9.	29	-9.
14	-10.	30	-9-
15	-9.	31	-9.
16	- 1 Ø .		

### OPERATING DATA REPORT

DOCKET NO. 050-0325 DATE 08/03/81 COMPLETED BY FRANCES HARRISON TELEPHONE 919-457-952

## OPERATING STATUS

1.	UNIT NAME: PRUNSWICK UNIT 1	I NOTES I
2.	REFORTING PERIOD: JULY 81	1
3.	LICENSED THERMAL POWER (MWT): 2436	
4.	NAMEPLATE RATING (GROSS MWE): 867.0	I have been a second of the I
5,	DESIGN ELECTRICAL RATING (NET MWE): 821.0	
6.	MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	
7.	MAX DEPENDABLE CAPACITY (NET MWF): 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	CUNC'L ATIVE
12. 13. 14. 15. 16. 17. 18. 19. 20. 21.	HOURS IN REPORTING PERIOD NUMBER OF HOURS REACTOR WAS CRITICAL REACTOR RESERVE SHUTDOWN HOURS HOURS GENERATOR ON LINE UNIT RESERVE SHUTDOWN HOURS GROSS THERMAL ENERGY GENERATED (MWH) GROSS ELECTRICAL ENERGY GENERATED (MWH) NET ELECTRICIAL ENERGY GENERATED (MWH) UNIT SERVICE FACTOR UNIT AVAILABILITY FACTOR UNIT CAPACITY FACTOR (USING MDC NET) UNIT CAPACITY FACTOR (USING DER NET) UNIT FORCED OUTAGE RATE	0.0 0.0 0.0 0.0 -7182.0 0.0 -1.2 -1.2	2056.8 0.0 3841575.6 1256185.0 1192167.0 40.4 40.4 29.7 28.5	38328.3 25975.7 1647.1 24438.7 0.0 49965308.5 16581779.0 15939601.0 63.8 63.8 52.6 50.7
24.	SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS	(TYPE - DATE -	AND DURATT	ON OF EACH):

HUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF S IN TEST STATUS (PRIOR TO COMMERICIAL OPERATION):	
INITIAL CRITICALITY	 
INITIAL ELECTRICITY	 
COMMEDICIAL ODEDATION	

REPORT MONT. July 1981

DOCKET NO. \_050-0325 Brunswick UNIT NAME August 1981 DATE COMPLETED BY (919) 457-9521 TELEPHONE

No.	Date	Type1	Duration (Hours)	Reason?	Method of Stratfing Down Reactors	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
	•	S	744	В	1	N/A			Maintenance Outage

F: Forced S: Scheduled

A-Equipment Failure (Explain) B-Maintenance of Test

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

Method:

1-Manual

2-Manual Scram.

3-Automatic Scram.

4-Continuations

5-Load Reductions

6-Other

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

Exhibit I - Same Source

#### OPERATING DATA REPORT

DOCKET NO. 050-0324
DATE 08/03/81
COMPLETED BY FRANCES HARRISON
TELEPHONE 919-457-9521

#### OPERATING STATUS

		A STATE OF THE STA
1.	UNIT NAME: BRUNSWICK UNIT 2	I NOTES I
2.	REPORTING PERIOD: JULY 81	
3,	LICENSED THERMAL POWER (MWT): 2436	
A.	NAMEPLATE RATING (GROSS MWE): 867.0	
5.	DESIGN ELECTRICAL ANTING (NET MWE): 921.0	
6.	MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	작가는 그 이동있는 이곳 이렇게 나타고 이 있는데 (1)
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. RESSONS FOR RESTRICTION IF ANY:

	THIS	YR TO	CUMUL
	MONTH	DATE	ATIVE
1/ HOURS GENERATOR ON LINE  'UNIT RESERVE SHUTDOWN HOURS  5. GROSS THERMAL ENERGY GENERATED (MWH)  7. GROSS ELECTRICAL ENERGY GENERATED (MWH)  18. NET ELECTRICIAL ENERGY GENERATED (MWH)  19. UNIT SERVICE FACTOR  20. UNIT AVAILABILITY FACTOR  21. UNIT CAPACITY FACTOR (USING MDC NET)  22. UNIT CAPACITY FACTOR (USING DER NET)  23. UNIT FORCED OUTAGE RATE	0.0	2447.2	0.0
	443.6	Ø.Ø	29411.5
	0.0	4033239.2	0.0
	775438.1	1364545.0	53644620.1
	237571 0	1290837.0	17928991.0
	244569.0	48.1	17196266.0
	59.6	48.1	58.4
	41.6	32.1	43.2
	40.0	30.9	41.6
	40.4	50.0	18.3
24. SHUTDOWNS SCHEDULED OVER NEXT & MONTHS ()	YPE, DATE,	AND DURATIO	N OF EACH):

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERICIAL OPERATION

## APPENDIX B AVERAGE DAILY POWER LEVEL

DOCKET NO. 050-0324 UNIT BRUNSWICK UNIT 2 DATE 08/03/81 COMPLETED BY FRANCES HARFISON TELEPHONE 919-457-9521

## JULY 81

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY AVO	DAILY POWER LEVEL (MWE-NET)
1	682.	17	623.
2	46.	19	142.
3	192.	19	-15.
4	534.	20	-14.
5	660.	21	-14.
6	663,	72	-13.
7	674.	23	-12.
8	661.	24	-11.
9	654.	25	-12.
10	670,	26	-13.
-11	82,		-11.
.12	-4.	28	258.
13	414.	29	353.
14	608.	39	413.
5	669.	31	675.
16	634.		

#### APPENDIX

DOCKET NO: 050-0324

UNIT: Brunswick No. 2 DATE: August 1981

COMPLETED BY: Frances Harrison

### OPERATIONS SUMMARY BRUNSWICK UNIT NO. 2

Brunswick Unit No. 2 operated at a 59.6% availability factor for the month of July with 41.6% capacity factor. There were three "off-line" outages this month, they are detailed in Appendix D, the unit shutdowns and power reductions

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

DOCKETNO UNIT NOSE DATE COMPLETED BY

TELEPHONE

050-0325 Brunswick August 198 Frances Harrison (919)457-9521

REPORT MONTH July 1981

Method of Storting or Reactor<sup>3</sup> Cause & Corrective Reason? Duration (Hours) Licensee Action to Event Prevent Recurrence Date No. Report # Failure of 2-B21-F022C MSIV (inboaru) VALVOP 81/07/03 32.8 N/A CD 81-019 disk separated from stem. Outage was extended because of loss of feedwater control. Shut 2-B21-F028C, hung Shift Foreman's clearance on both F022 & F028C. Repressurizing to reactor pressure prior to valving.

F: Forced S: Scheduled

Reason:

A-l'quipment l'ilure (Explain)

B-Maintenance of Test

C-Refueling

D-Regulatory Restriction

E-Operator Training & License Examination

F-Administrative

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

Method: 1-Manual 2-Manual Scram.

3-Automatic Scram.

4.Continuations

5-Load Reductions 6-Other

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report LER) File (NUREG-01611

Exhibit I - Same Source

(177/1)

REPORT MONTH July 1981

050-0325 DOCKET NO. UNIT NAME \_Brunswick 2 DATE August 1981 COMPLETED BY Frances Harrison (919)457-9521 TELEPHONE

No.	Date	Typel	Duration (Hours)	Reason?	Method of Shotting Dow Teactor?	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
81-020	81/07/11	1	40.2	A	3	N/A			Outage cause being investigated by Engineering

F: Forced S: Scheduled Reason.

A-l'quipment Failure (E. ain)

B-Maintenance of Test

C-Refueling

D-Regulatory Restriction E-Operator Training & License Examination

F-Administrative

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

Method: 1-Manual

2-Manual Scram.

3-Automatic Scrain.

4.Continuations

5-Load Reductions

6-Other

Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-01611

Exhibit I - Same Source

(9/77)

050-0325 DOCKET NO. Brunswick 2 UNIT NAME DATE August 1981 COMPLETED BY Frances Harrison

REPORT MONTH July 1981

TELEPHONE (919)457-9521

No.	Date	Typel	Duration (Hours)	Reason	Method of Shorting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code4	Component Code5	Cause & Corrective Action to Prevent Recurrence
81-021	8/07/81	F	227.4	A	1	N/A	CD	VALVOP	MSIV Repairs Removed and repaired stem disc assembly and ensured stem and disc were pinned properly

F: Forced

S: Scheduled

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)

Method:

1-Manual 2-Manual Scram.

3-Automatic Scram.

4.Continuations

5-Load Reductions

6-Other

5

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

Exhibit 1 - Same Source

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