

CP&L CO
RUN DATE 07/02/85
RUN TIME 12:35:51

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
BRUNSWICK UNIT 1

PAGE 1
RPD39

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

JUNE 1985

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

1.16 - 8

8507180283 850630
PDR ADOCK 05000324
R PDR

IE24
1/1

CP&L CO
RUN DATE 07/05/85
RUN TIME 08:27:25

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 1

PAGE 1
RPD36

DOCKET NO. 050-0325
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

OPERATING STATUS

	NOTES
1. UNIT NAME: BRUNSWICK UNIT 1	
2. REPORTING PERIOD: JUNE 85	
3. LICENSED THERMAL POWER (MWT): 2436	
4. NAMEPLATE RATING (GROSS MWE): 867.0	
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0	
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	
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):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.00	4343.00	72648.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	2079.00	45500.86
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	1647.10
14. HOURS GENERATOR ON LINE	.00	2064.45	42953.28
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	3521596.58	87570793.50
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	1180426.00	28922523.00
18. NET ELEC. ENERGY GENERATED (MWH)	-1380.00	1132040.00	27777823.00
19. UNIT SERVICE FACTOR	.00	47.54	59.13
20. UNIT AVAILABILITY FACTOR	.00	47.54	59.13
21. UNIT CAP. FACTOR (USING MDC NET)	-.24	32.99	48.40
22. UNIT CAP. FACTOR (USING DER NET)	-.23	31.75	46.57
23. UNIT FORCED OUTAGE RATE	.00	2.23	20.28
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: 11/05/85
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHEIVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

DOCKET NO.: 050-0325
UNIT: Brunswick 1
DATE: July 1985
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 1

Unit 1 was shut down on March 29, 1985, for refueling/maintenance outage.

There are 1216 BWR and 160 PWR spent fuel bundles in the Brunswick Unit 1 fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1985

DOCKET NO. 050-0325
 UNIT NAME Brunswick I.
 DATE July 1985
 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
85-006	850329	S	In Progress	C	4	NA	RC	FUELXX	Refueling/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)

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

CP&L CO
RUN DATE 07/02/85
RUN TIME 12:35:51

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
BRUNSWICK UNIT 2

PAGE 2
RPD39

DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

JUNE 1985

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	756	17	764
2	741	18	711
3	762	19	729
4	749	20	736
5	714	21	711
6	719	22	635
7	694	23	658
8	691	24	673
9	684	25	640
10	692	26	656
11	677	27	668
12	669	28	720
13	707	29	663
14	748	30	693
15	769		
16	721		

CP&L CO
RUN DATE 07/05/85
RUN TIME 08:27:25

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
BRUNSWICK UNIT 2

PAGE 2
RPD36

DOCKET NO. 050-0324
COMPLETED BY FRANCES HARRISON
TELEPHONE (919)457-9521

OPERATING STATUS

	NOTES
1. UNIT NAME: BRUNSWICK UNIT 2	
2. REPORTING PERIOD: JUNE 85	
3. LICENSED THERMAL POWER (MWT): 2436	
4. NAMEPLATE RATING (GROSS MWE): 867.0	
5. DESIGN ELECTRICAL RATING (NET MWE): 821.0	
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 815.0	
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):
10. REASONS FOR RESTRICTION IF ANY:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	720.00	4343.00	84672.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	3914.79	51292.31
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	3846.19	47871.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1606491.33	8953673.91	92064541.22
17. GROSS ELEC. ENERGY GEN. (MWH)	524439.00	2978162.00	30579866.00
18. NET ELEC. ENERGY GENERATED (MWH)	507630.00	2885309.00	29305783.00
19. UNIT SERVICE FACTOR	100.00	88.56	56.54
20. UNIT AVAILABILITY FACTOR	100.00	88.56	56.54
21. UNIT CAP. FACTOR (USING MDC NET)	89.25	84.10	43.81
22. UNIT CAP. FACTOR (USING DER NET)	85.88	80.92	42.16
23. UNIT FORCED OUTAGE RATE	.00	5.20	15.57
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Refueling/Maintenance Outage - 12/01/85 - 31 weeks

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

DOCKET NO.: 050-0324
UNIT: Brunswick 2
DATE: July 1985
COMPLETED BY: Frances Harrison

OPERATIONS SUMMARY
BRUNSWICK UNIT 2

Brunswick Unit 2 operated at 100 percent availability factor for the month of June 1985 with a 89.25 percent capacity factor. The unit operated at reduced power due to high drywell temperature. Details are in Unit Shutdowns and Power Reductions sheet.

There are 608 BWR and 144 PWR spent fuel bundles in the Brunswick Unit 2 fuel pool.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1985

DOCKET NO. 050-0324
 UNIT NAME Brunswick II
 DATE July 1985
 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
B5-004	850604	F	00	H	5	NA			Reduce Power Due to High Drywell Temperature.

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.
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 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



Carolina Power & Light Company

Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461-0429

July 3, 1985

FILE: B09-13510C
SERIAL: BSEP/85-1098

Mr. J. M. Taylor, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

BRUNSWICK STEAM ELECTRIC PLANT UNITS 1 AND 2
DOCKET NOS. 50-325 AND 50-324
LICENSE NOS. DPR-71 AND DPR-62
MONTHLY OPERATING REPORT

Dear Mr. Taylor:

In accordance with Technical Specification 6.9.1.6 for the Brunswick Steam Electric Plant, Units 1 and 2, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of June 1985.

Very truly yours,

C. R. Dietz, General Manager
Brunswick Steam Electric Plant

FH/mcg
MSC/85-0014

Enclosures

cc: Mr. M. R. Beebe
Dr. J. N. Grace
Mr. J. L. Harness
Mr. C. F. Lassiter
Ms. D. J. Vicks
INPO

IE24
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