

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

NOV 09 1994

FILE: B09-13510C BSEP/94-0450

U. S. Nuclear Regulatory Commission Attn: Document Control Desk 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

Gentlemen:

In accordance with Technical Specification 6.9.1.11 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 October 1994.

Very truly yours,

WX

W. Levis, Plant Manager - Unit 1 Brunswick Nuclear Plant

FH/mcg MSC/93-8524

cc: Mr. S. D. Ebneter, Regional Administrator, Region II

Mr. P. D. Milano, NRR Project Manager - Brunswick Units 1 and 2

Mr. C. A. Patterson, Brunswick NRC Senior Resident Inspector

The Honorable H. Wells, Chairman - North Carolina Utilities Commission File B-X-0520.2

160050

9411170313 941031 PDR ADOCK 05000324 R PDR IE74

DOCKET NO. 050-0325
UNIT NAME Brunswick I
DATE November 1994
COMPLETED BY Frances Harrison
TELEPHONE 910-457-2756

UNIT SHUTDOWNS AND POWER REDUCTIONS REPORT MONTH October 1994

NO.	DATE	TYPE (1)	DURATION (HOURS)	REASON (2)	METHOD OF SHUTTING DOWN REACTOR (3)	LICENSEE EVENT REPORT NO.	SYSTEM CODE (4)	COMPONENT CODE (5)	CAUSE & CORRECTIVE ACTION TO PREVENT RECURRENCE
94-054	10/10	S	0	В	5	N/A	СВ	PUMPXX	Reduced reactor power to 25% to make planned drywell entry to add oil to the IA recirc pump. Other planned maintenance activities were also accomplished during this downpower.
94-055	10/10	F	7.73	Н	5	N/A	НА	Turbine	Main turbine was manually taken off-line due to excessive vibration at the No. 3 main turbine bearing. This vibration was experienced as reactor power was being reduced for the above planned maintenance activities.

1:	Type	2:	Re	ason	
	F - Forced S - Scheduled		Ā	-	Equipment Failure (explain)
	5 - Schedared		В		Maintenance or test
			Č		Refueling
			D		Regulatory
					restriction
			E		Operator Training & License Examination
			F		Administrative
			G		Operational error (explain)
			Н		Other (explain)

M	ethod		4:	System
12	-	Manual Manual Scram Automatic scram Continuations Load reductions Other		Instru prepar sheets Report IEEE S per NU Section

ment Code ructions for ration of data sheets for LER from IEEE lard 803A-1983. IUREG-1022. on VI. Item 13.c

PLANT PERFORMANCE DATA SYSTEM OPERATING DATA REPORT BRUNSWICK UNIT 1

PAGE 1 RPD36-000

OPERATING STATUS

DOCKET NO. 050-0325 COMPLETED BY FRANCES HARRISON TELEPHONE (919)457-2756

1.	UNIT NAME: BRUNSWICK UNIT 1	I NOTES I
	REPORTING PERIOD: GCTOBER 94	1
	LICENSED THERMAL POWER (MWT): 2436	1
4.	NAMEPLATE RATING (GROSS MWE): 867.0	1
5.	DESIGN ELECTRICAL RATING (NET MWE): 821.0	1
6.	MAX DEPENDABLE CAPACITY (GROSS MWE): 791.0	1
	MAX DEPENDABLE CAPACITY (NET MWE): 767.0	
	IF CHANGES OCCUR IN CAPACITY RATINGS (ITEM	S 3 (HRU 7) SINCE LAST REPORT.

- 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 +HRU 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	CUMUL
12. NU 13. RE 14. HO 15. UN	JRS GENERATOR ON LINE IT RESERVE SHUTDOWN HOURS		6297.62 .00	94407.32 1647.10 90498.99 .00
17. GR 18. NE	DSS THERMAL ENERGY GEN. (MWH) DSS ELEC. ENERGY GEN. (MWH) T ELEC. ENERGY GENERATED (MWH)		4823731.00	
			86.32 86.20	58.58 58.58 51.51
			80.53 .30 AND DURATION	49.26 15.14 OF EACH):

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

INITIAL ELECTRICITY
COMMERCIAL OPERATION

· CPAL CO

PLANT PERFORMANCE DATA SYSTEM PAGE 1 RÛN DATE 11/01/94 APPENDIX B - AVERAGE DAILY POWER LEVEL RPD39-000 RUN TIME 13:02:00 BRUNSWICK UNIT 1

COMPLETED BY FRANCES HARRISON TELEPHONE (919)457-2756

OCTOR	ER 1994		
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY A	/G. DAILY POWER LEVEL (MWE-NET)
1	788	17	792
2		18	792
			791
4			790
5			
		22	790
		25	789
10	292	26	789
11		27	
12		28	791
13			792
1.4			790

* CP&L CO RÛN DATE 11/01/94 • RUN'TIME 13:02:00

PLANT PERFORMANCE DATA SYSTEM OPERATING DATA REPORT BRUNSWICK UNIT 2

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OPERATING STATUS

DOCKET NO. 050-0324 COMPLETED BY FRANCES HARRISON TELEPHONE (919)457-2756

1.	UNIT NAME: BRUNSWICK UNIT 2	I NOTES
2.	REPORTING PERIOD: OCTOBER 94	1
3.	LICENSED THERMAL POWER (MWT): 2436	1
4.	NAMEPLATE RATING (GROSS MWE): 867.0	
5.	DESIGN ELECTRICAL RATING (NET MWE): 821.0	
	MAX DEPENDABLE CAPACITY (GROSS MWE): 782.	0 1
	MAX DEPENDABLE CAPACITY (NET MWE): 754.0	
		TAKEN OF ORGANIZATION OF PROPERTY AS A PROPERTY OF A PROPE

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		
11. HOURS IN REPORTING PERIOD 12. NUMBER OF HOURS REACTOR CRITICAL 13. REACTOR RESERVE SHUTDOWN HRS 14. HOURS GENERATOR ON LINE 15. UNIT RESERVE SHUTDOWN HOURS 16. GROSS THERMAL ENERGY GEN. (MWH) 17. GROSS ELEC. ENERGY GEN. (MWH) 18. NET ELEC. ENERGY GENERATED (MWH) 19. UNIT SERVICE FACTOR 20. UNIT AVAILABILITY FACTOR 21. UNIT CAP. FACTOR (USING MDC NET) 22. UNIT CAP. FACTOR (USING DER NET) 23. UNIT FORCED OUTAGE RATE 24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS	745.00 .00 745.00 .00 1806408.98 587965.00 570711.00 100.00 100.00 101.60 93.31	5085.02 .00 4973.26 .00 11814159.57 3817972.00 3689704.00 68.16 68.16 67.07 61.60	103091.70 .00 97653.71 .00 208710949.32 67497286.00 64713757.00 58.65 58.65 49.65 47.34 12.23

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OFERATION

RUN DATE 11/01/94 APPENDIX B - AVERAGE DAILY POWER LEVEL BRUNSWICK UNIT 2

RFD39-000

DOCKET NO. 050-0324 COMPLETED BY FRANCES HARRISON TELEPHONE (919)457-2756

OCTOR	ER 1994		
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1			770
2		18	770
		19	770
4	769		770
		21	769
	767		
	767		769
		24	769
		25	768
10			769
11			
12			
1.4			
15			