

# PRIORITY 1

(ACCELERATED RIDS PROCESSING)

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 AUTH. NAME      AUTHOR AFFILIATION  
 WOODS, J.      Carolina Power & Light Co.  
 KRICH, R.M.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1994 for HB Robinson Steam  
 Electric Plant, Unit 2.W/940810 ltr.

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TS 6.9.1.4

Carolina Power & Light Company  
Robinson Nuclear Plant  
PO Box 790  
Hartsville SC 29551

Robinson File: 15505  
Serial: RNP/94-1548

**AUG 10 1994**

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
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**H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2**  
**DOCKET NO. 50-261/LICENSE NO. DPR-23**  
**MONTHLY OPERATIONS REPORT**

Gentlemen:

In accordance with Technical Specifications Section 6.9.1.4 for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power and Light Company submits the enclosed report of operation statistics and shutdown experience for the month of July, 1994.

Very truly yours,

R. M. Krich  
Manager - Regulatory Affairs

SAB:dwm  
Enclosures

c: Mr. S. D. Ebnetter, Regional Administrator, USNRC, Region II  
Mr. W. T. Orders, USNRC Senior Resident Inspector, HBRSEP

190081

9408190197 940731  
PDR ADCK 05000261  
R PDR

Highway 151 and SC 23 Hartsville SC

IE24  
11

CP&L CO  
 RUN DATE 07/05/94  
 RUN TIME 07:32:50

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 ROBINSON UNIT 2

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## OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: JULY, 1994
3. LICENSED THERMAL POWER (MWT): 2300
4. NAMEPLATE RATING (GROSS MWE): 739.0
5. DESIGN ELECTRICAL RATING (NET MWE): 700.0
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0
7. MAX DEPENDABLE CAPACITY (NET MWE): 683.0
8. IF CHANGES OCCUR IN CAPACITY RATING (ITEMS 3 THROUGH 7) SINCE LAST REPORT, GIVE REASONS: N/A

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 TELEPHONE (803)383-4524

NOTES: There are 238 assemblies and one assembly with 100 Rods in the Spent Fuel Pool. There are 157 assemblies in the Reactor and 56 assemblies in the Dry Fuel Storage.

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None
10. REASONS FOR RESTRICTION, IF ANY: None

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5087.00	205295.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	3394.10	143841.96
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	3283.61	140755.45
5. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1699138.80	7067487.84	287376962.88
17. GROSS ELEC. ENERGY GEN. (MWH)	538923.00	2269684.00	93223692.00
18. NET ELEC. ENERGY GENERATED (MWH)	513220.00	2133554.00	88066497.00
19. UNIT SERVICE FACTOR	100.00	64.55	68.56
20. UNIT AVAILABILITY FACTOR	100.00	64.55	68.57
21. UNIT CAP. FACTOR (USING MDC NET)	101.00	61.41	64.24
22. UNIT CAP. FACTOR (USING DER NET)	98.54	59.92	61.28
23. UNIT FORCED OUTAGE RATE	.00	35.45	15.47
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):	None		
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:	None		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION: FORECAST	ACHIEVED		
INITIAL CRITICALITY	----	----	
INITIAL ELECTRICITY	----	----	
COMMERCIAL OPERATION	----	----	

CP&L CO  
RUN DATE 07/05/94  
RUN TIME 07:32:50

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

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TELEPHONE (803)383-4524

JULY 1994

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	699	17	691
2	697	18	691
3	697	19	689
4	696	20	690
5	698	21	693
6	697	22	695
7	697	23	691
8	696	24	604
9	694	25	696
10	640	26	697
11	689	27	698
12	689	28	699
13	688	29	700
14	693	30	699
15	693	31	699
16	691		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 08/03/94  
COMPLETED BY J. B. Woods  
TELEPHONE (803) 383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>2</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
0701	071094	F	---	B	NA	---	TA	VALVEX	CAUSE OF EVENT: Ramp down from 100% to 65% Power for Monthly Turbine Valve Test, OST-551.
0702	071094	S	---	B	NA	---	TA	VALVEX	CAUSE OF EVENT: Ramp up from 65% to 100% Rx Power after completion of Monthly Turbine Valve Test, OST-551.
0703	072394	F	---	B	NA	---	SJ	PMP	CAUSE OF EVENT: Ramp down from 100% to 75% Power to repair packing gland on "B" Heater drain pump.
0704	072494	S	---	B	NA	---	SJ	PMP	CAUSE OF EVENT: Ramp up from 75% to 100% power after completing repairs to "B" Heater drain pump.

F: Forced  
S: Scheduled

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)

Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

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

<sup>5</sup> Exhibit 1 - Same Source