

# CATEGORY 1

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

SUBJECT: Monthly operating rept for July 1996 for HB Robinson Unit 2.  
 W/960808 ltr.

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**Carolina Power & Light Company**

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville SC 29550

Robinson File No: 15505  
Serial: RNP-RA/96-0143

**AUG 08 1996**

United States Nuclear Regulatory Commission  
Attn: Document Control Desk  
Washington, DC 20555

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 (TS) Section 6.9.1.4 for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Carolina Power & Light (CP&L) Company submits the enclosed report of operations statistics and shutdown experience for the month of July 1996. Also, in accordance with TS Section 6.9.1.4, this report is being submitted to the NRC by the 10th day of the month following the calendar month covered by the report.

Questions regarding this matter may be referred to me at (803) 857-1802.

Very truly yours,

R. M. Krich  
Manager - Regulatory Affairs

KLB/klb

Enclosures

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

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DOCKET NO. 050-0261

COMPLETED BY DARRYL GARDNER

TELEPHONE (803)857-1144

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: JULY 96
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
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTION, IF ANY: N/A

NOTES: There are 282 assemblies and 1 assembly with 100 rods in the Spent Fuel Pool. There are 157 assemblies in the Reactor and 56 assemblies in the Dry Fuel Storage. New fuel receipt is in progress. There are 6 new fuel assemblies in the new fuel building.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5111.00	222839.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5111.00	159943.64
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	5111.00	156787.33
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1696152.48	11674866.24	323808223.20
17. GROSS ELEC. ENERGY GEN. (MWH)	542096.00	3819694.00	105102351.00
18. NET ELEC. ENERGY GENERATED (MWH)	516028.00	3642033.00	99373534.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.36
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.37
21. UNIT CAP. FACTOR (USING MDC NET)	101.55	104.33	66.66
22. UNIT CAP. FACTOR (USING DER NET)	99.08	101.80	63.71
23. UNIT FORCED OUTAGE RATE	.00	.00	14.22

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):  
REFUELING OUTAGE 17 SCHEDULED TO START SEPTEMBER 7, 1996, WITH A DURATION OF 37 DAYS.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: N/A

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

----- 9/20/70  
----- 9/70  
----- 3/7/71

CP&L CO  
RUN DATE 08/01/96  
RUN TIME 11:19:27

PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

PAGE 1  
RPD39-000

DOCKET NO. 050-0261  
COMPLETED BY: DARRYL GARDNER  
TELEPHONE (803)857-1144

JULY 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	693	17	703
2	692	18	701
3	692	19	700
4	694	20	698
5	696	21	697
6	697	22	697
7	697	23	696
8	698	24	696
9	692	25	697
10	573	26	699
11	682	27	699
12	699	28	699
13	704	29	699
14	704	30	699
15	704	31	700
16	704		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY 96DOCKET NO. 050-0261UNIT NAME HBRSEP, UNIT NO. 2DATE 08/01/96COMPLETED BY DARRYL GARDNERTELEPHONE (803) 857-1144

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

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

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

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

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

SUMMARY: The Unit was online the entire month. The Unit operated at full power during the month except during a period on July 9-11, 1996, when power was reduced for repair of motor oil cooler on "A" Heater Drain Pump.