

# CATEGORY 1

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 FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261  
 AUTH.NAME AUTHOR AFFILIATION  
 WATFORD,M.L. Carolina Power & Light Co.  
 KRICH,R.M. Carolina Power & Light Co.  
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1996 for HB Robinson Steam  
 Electric Plant Unit 2.W/960709 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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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/96-0125

**JUL 9 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 June 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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Enclosure 1 to Serial: RNP-RA/96-0125  
CP&L CO  
RUN DATE 07/02/96  
RUN TIME 10:24:29

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

PAGE 1  
RPD36-000

DOCKET NO. 050-0261  
COMPLETED BY M. L. WATFORD  
TELEPHONE (803)857-1357

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: JUNE 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.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	4367.00	222095.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	4367.00	159199.64
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	4367.00	156043.33
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1641741.84	9978713.76	322112070.72
17. GROSS ELEC. ENERGY GEN. (MWH)	526748.00	3277598.00	104560255.00
18. NET ELEC. ENERGY GENERATED (MWH)	501504.00	3126005.00	98857506.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.26
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.27
21. UNIT CAP. FACTOR (USING MDC NET)	101.98	104.81	66.54
22. UNIT CAP. FACTOR (USING DER NET)	99.50	102.26	63.59
23. UNIT FORCED OUTAGE RATE	.00	.00	14.28

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 07/02/96  
RUN TIME 10:24:28

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: M. L. WATFORD  
TELEPHONE (803)857-1357

JUNE	1996		
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	704	17	699
2	705	18	700
3	703	19	699
4	701	20	699
5	703	21	699
6	701	22	696
7	706	23	696
8	703	24	696
9	704	25	694
10	705	26	693
11	705	27	694
12	703	28	696
13	703	29	695
14	702	30	696
15	687		
16	612		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE 96

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 07/02/96  
 COMPLETED BY M. L. WATFORD  
 TELEPHONE (803) 857-1357

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 June 15-16, 1996, when power was reduced for turbine control valve testing and adjustment of the "B" condensate pump impeller.