

# CATEGORY 1

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 AUTH.NAME:      AUTHOR AFFILIATION  
 FREEMAN, T.      Carolina Power & Light Co.  
 WARDEN, R.L.      Carolina Power & Light Co.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1999 for HB Robinson Steam Electric Plant, Unit 2. With 990910 ltr.

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**Carolina Power & Light Company**

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville SC 29550

Serial: RNP-RA/99-0186

SEP 10 1999

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 OPERATING REPORT

Sir or Madam:

In accordance with Technical Specifications (TS) Section 5.6.4 for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Carolina Power & Light (CP&L) Company submits the enclosed report of operating statistics and shutdown experience for the month of August, 1999. In accordance with TS Section 5.6.4, this report is being submitted to the NRC by the 15th day of the month following the calendar month covered by the report.

If you have any questions concerning this matter, please contact Mr. H. K. Chernoff.

Sincerely,

  
R. L. Warden

Manager - Regulatory Affairs

PMY/pmy

Attachments

c: NRC Resident Inspector, HBRSEP  
L. A. Reyes, NRC, Region II  
R. Subbaratnam, NRC, NRR

9909140065 990831  
PDR ADOCK 05000261  
R PDR

11  
IE24

CP&L CO  
 RUN DATE 09/01/99  
 RUN TIME 18:03:58

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

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 RPD36-000

DOCKET NO. 050-0261  
 COMPLETED BY THOMAS FREEMAN  
 TELEPHONE (843)857-1403

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: AUGUST 1999
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:
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTION, IF ANY:

NOTES:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	249863.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5801.28	184873.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	5796.68	181633.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1694601.36	13306567.20	380349180.24
17. GROSS ELEC. ENERGY GEN. (MWH)	541728.00	4365849.00	123663299.00
18. NET ELEC. ENERGY GENERATED (MWH)	516038.00	4166293.00	117061041.00
19. UNIT SERVICE FACTOR	100.00	99.41	72.69
20. UNIT AVAILABILITY FACTOR	100.00	99.41	72.70
21. UNIT CAP. FACTOR (USING MDC NET)	101.55	104.61	69.88
22. UNIT CAP. FACTOR (USING DER NET)	99.09	102.07	66.93
23. UNIT FORCED OUTAGE RATE	.00	.00	12.60

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):  
Refueling Outage 19 scheduled to begin September 25, 1999, with a scheduled duration of 28 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

CP&L CO  
RUN DATE 09/01/99  
RUN TIME 18:03:58

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

PAGE 1 of 1  
RPD39-000

DOCKET NO. 050-0261  
COMPLETED BY: THOMAS FREEMAN  
TELEPHONE (843)857-1403

## AUGUST 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	693*	17	700*
2	692*	18	699*
3	696*	19	698*
4	698*	20	700*
5	698*	21	700*
6	698*	22	698*
7	699*	23	700*
8	700*	24	701*
9	699*	25	697*
10	699*	26	691*
11	700*	27	685*
12	697*	28	666*
13	699*	29	667*
14	700*	30	669*
15	700*	31	665*
16	698*		

\* The maximum dependable capacity is 683 MWE. The Plant operated above the Max Dependable Capacity (MDC) due to the condenser water inlet temperature < 95° F.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: AUGUST 1999

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 09/01/99  
COMPLETED BY THOMAS FREEMAN  
TELEPHONE (843) 857-1403

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

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.  
4-Other (Explain)

4  
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 operated at near 100% power until 8/25/99, when coast down for Refueling Outage 19 began. There were no challenges to the pressurizer power operated relief valves or the pressurizer safety valves during the month. There were no steam generator inspections during the month.