



Serial: RNP-RA/01-0143

SEP 12 2001

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

Ladies and Gentlemen:

In accordance with the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2 Technical Specification (TS) Section 5.6.4, "Monthly Operating Reports," and HBRSEP, Unit No. 2 Technical Requirements Manual 6.2, "Monthly Operating Report," Carolina Power & Light Company submits the enclosed report of operating statistics and shutdown experience for the month of August 2001. 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,

B. L. Fletcher III  
Manager - Regulatory Affairs

DJS/djs

Attachments

- I. Plant Performance Data System Appendix C - Operating Data Report
- II. Appendix B - Average Daily Power Level
- III. Appendix D - Unit Shutdowns and Power Reductions

c: NRC Resident Inspector, HBRSEP  
B. S. Mallett, NRC, Region II  
R. Subbaratnam, NRC, NRR

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville, SC 29550

IE 24

CP&L CO  
 RUN DATE 09/04/01  
 RUN TIME 16:24:05

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

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

OPERATING STATUS

NOTES:
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1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: AUGUST 2001
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:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	267407.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5006.38	200878.59
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	4990.95	197589.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1700993.52	11023920.24	416220701.52
17. GROSS ELEC. ENERGY GEN. (MWH)	542187.00	3594168.00	135397657.00
18. NET ELEC. ENERGY GENERATED (MWH)	516173.00	3417314.00	128233624.00
19. UNIT SERVICE FACTOR	100.00	85.59	73.89
20. UNIT AVAILABILITY FACTOR	100.00	85.59	73.90
21. UNIT CAP. FACTOR (USING MDC NET)	101.58	85.81	71.44
22. UNIT CAP. FACTOR (USING DER NET)	99.11	83.72	68.51
23. UNIT FORCED OUTAGE RATE	.00	.00	11.71
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION 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 CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

CP&L CO  
 RUN DATE 09/04/01  
 RUN TIME 16:24:05

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

RPD39-000

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

## AUGUST 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	699*	17	698*
2	699*	18	698*
3	692*	19	698*
4	701*	20	699*
5	700*	21	698*
6	699*	22	695*
7	698*	23	697*
8	697*	24	698*
9	697*	25	698*
10	697*	26	698*
11	686*	27	696*
12	587	28	700*
13	695*	29	699*
14	695*	30	700*
15	696*	31	700*
16	697*		

\*The maximum dependable net capacity is 683 MWE. The Plant operated above the maximum dependable capacity due to the condenser water inlet temperature <95°F.

APPENDIX D  
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261

UNIT NAME HBRSEP, UNIT NO. 2

DATE 08/01/01

REPORT MONTH: AUGUST 2001

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

<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 operated at full power the entire month, with the exception of August 12, 2001, when power was reduced for a turbine valve test. This power reduction was less than a 20% reduction in the average daily power level for the preceding 24 hours. 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.