



**Carolina Power & Light Company**

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville SC 29550

Serial: RNP-RA/00-0188

**NOV 1 0 2000**

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

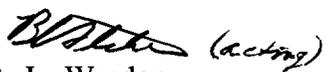
MONTHLY OPERATING REPORT

Ladies and Gentlemen:

In accordance with 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 October 2000. 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,

 (acting)  
R. L. Warden  
Manager - Regulatory Affairs

DJS/djs

Attachments

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

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

IE24

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

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: OCTOBER 2000
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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	745.00	7320.00	260112.00
12. NUMBER OF HOURS REACTOR CRITICAL	745.00	7295.95	194408.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	745.00	7286.83	191134.31
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1704874.08	16631406.72	401833268.64
17. GROSS ELEC. ENERGY GEN. (MWH)	558747.00	5427191.00	130689467.00
18. NET ELEC. ENERGY GENERATED (MWH)	532720.00	5174200.00	123753433.00
19. UNIT SERVICE FACTOR	100.00	99.55	73.48
20. UNIT AVAILABILITY FACTOR	100.00	99.55	73.49
21. UNIT CAP. FACTOR (USING MDC NET)	104.69	103.49	70.91
22. UNIT CAP. FACTOR (USING DER NET)	102.15	100.98	67.97
23. UNIT FORCED OUTAGE RATE	.00	.45	12.06
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):	Refueling outage scheduled to begin 4/7/01 for a duration of 36 days.		

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 11/01/00  
 RUN TIME 11:16:01

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

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

OCTOBER 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	716*	17	721*
2	717*	18	719*
3	716*	19	717*
4	717*	20	719*
5	715*	21	719*
6	704*	22	718*
7	620	23	716*
8	717*	24	717*
9	721*	25	716*
10	723*	26	719*
11	723*	27	719*
12	722*	28	719*
13	721*	29	718*
14	721*	30	719*
15	720*	31	718*
16	720*		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 11/01/00  
 COMPLETED BY THOMAS FREEMAN  
 TELEPHONE (843) 857-1403

REPORT MONTH: OCTOBER 2000

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

2

3

4

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

SUMMARY: The unit operated at or near full power the entire month, except for a brief power reduction to take a heater drain pump out of service in order to repair an oil leak. 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.