



Serial: RNP-RA/02-0050

APR 11 2002

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 (TRM) Section 6.2, "Monthly Operating Report," Carolina Power & Light (CP&L) Company submits the enclosed report of operating statistics and shutdown experience for the month of March 2002. 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. C. T. Baucom.

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  
L. A. Reyes, NRC, Region II  
R. Subbaratnam, NRC, NRR

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PLANT PERFORMANCE DATA SYSTEM  
APPENDIX C - OPERATING DATA REPORT

DOCKET NO. 050-0261  
UNIT CP&L CO, HBRSEP, UNIT NO. 2  
RUN DATE 4/01/02  
RUN TIME 15:58:36  
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: MARCH 2002
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	744.00	2160.00	272496.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	205967.59
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	2160.00	202678.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1672874.64	4881015.84	427810532.16
17. GROSS ELEC. ENERGY GEN. (MWH)	551457.00	1614365.00	139211673.00
18. NET ELEC. ENERGY GENERATED (MWH)	525922.00	1540141.00	131871490.00
19. UNIT SERVICE FACTOR	100.00	100.00	74.38
20. UNIT AVAILABILITY FACTOR	100.00	100.00	74.39
21. UNIT CAP. FACTOR (USING MDC NET)	103.50	104.40	72.07
22. UNIT CAP. FACTOR (USING DER NET)	100.98	101.86	66.13
23. UNIT FORCED OUTAGE RATE	.00	.00	11.45
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

## APPENDIX B - AVERAGE DAILY POWER LEVEL

RPD39-000

DOCKET NO. 050-0261  
 UNIT CP&L CO, HBRSEP, UNIT NO. 2  
 RUN DATE 4/01/02  
 RUN TIME 15:58:36  
 COMPLETED BY THOMAS FREEMAN  
 TELEPHONE (843) 857-1403

## MARCH 2002

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	729*	17	724*
2	728*	18	722*
3	728*	19	724*
4	729*	20	725*
5	729*	21	723*
6	728*	22	724*
7	726*	23	726*
8	709*	24	727*
9	407	25	725*
10	478	26	725*
11	726*	27	723*
12	728*	28	722*
13	727*	29	723*
14	727*	30	723*
15	728*	31	723*
16	727*		

\*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

REPORT MONTH: MARCH 2002

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 4/01/02  
COMPLETED BY THOMAS FREEMAN  
TELEPHONE (843) 857-1403

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down the Reactor or Reducing Power <sup>2</sup>	Corrective Actions / Comments
02-002	020308	S	46	B	4	Power was reduced to 55 - 60% to isolate condenser sections. During this reduction in power, condenser tube leaks were repaired.

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

SUMMARY: The unit operated at full power the entire month, except for the above-referenced event. During that event, the unit power level was reduced to 55-60% in order to isolate condenser sections and locate and repair tube leaks. 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.