



Serial: RNP-RA/01-0064

APR 07 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 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 March 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*  
 for 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

Boiler Room Plant  
 200 West Main - P.O.  
 Fayetteville, NC 28404

IE24

CP&L CO  
 RUN DATE 04/02/01  
 RUN TIME 14:42:25

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:

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: MARCH 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	2160.00	263736.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	198032.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	2160.00	194758.31
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1433886.24	4673772.96	409870554.24
17. GROSS ELEC. ENERGY GEN. (MWH)	479082.00	1554237.00	133357726.00
18. NET ELEC. ENERGY GENERATED (MWH)	453881.00	1479985.00	126296295.00
19. UNIT SERVICE FACTOR	100.00	100.00	73.85
20. UNIT AVAILABILITY FACTOR	100.00	100.00	73.85
21. UNIT CAP. FACTOR (USING MDC NET)	89.32	100.32	71.35
22. UNIT CAP. FACTOR (USING DER NET)	87.15	97.88	68.41
23. UNIT FORCED OUTAGE RATE	.00	.00	11.86
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):	Refueling outage 20 is scheduled to begin 4/7/01 for a duration of 37 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 04/02/01  
 RUN TIME 14:42:25

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

## MARCH 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	685*	17	602
2	680	18	597
3	673	19	595
4	667	20	590
5	664	21	587
6	660	22	582
7	655	23	577
8	650	24	571
9	645	25	566
10	639	26	561
11	634	27	557
12	629	28	553
13	624	29	548
14	620	30	542
15	615	31	538
16	609		

\*The maximum dependable 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 2001

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 04/03/01  
 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: In February 2001, the unit began "coast down" power reductions in preparation for the refueling outage scheduled to start April 7, 2001. The reduction in average daily power level was less than 20% per day. 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.