



Serial: RNP-RA/01-0093

**MAY 10 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

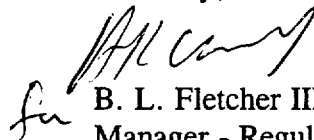
MONTHLY OPERATING REPORT

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

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville, SC 29550

IE24

CP&L CO  
 RUN DATE 05/02/01  
 RUN TIME 12:37:09

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

PAGE 1 of 1  
 RPD36-000

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: APRIL 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:

NOTES:

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	264455.00
12. NUMBER OF HOURS REACTOR CRITICAL	144.65	2304.65	198176.86
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	143.08	2303.08	194901.39
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	236863.20	4910636.16	410107417.44
17. GROSS ELEC. ENERGY GEN. (MWH)	78140.00	1632377.00	133435866.00
18. NET ELEC. ENERGY GENERATED (MWH)	71550.00	1551535.00	126367845.00
19. UNIT SERVICE FACTOR	19.90	80.00	73.70
20. UNIT AVAILABILITY FACTOR	19.90	80.00	73.71
21. UNIT CAP. FACTOR (USING MDC NET)	14.57	78.90	71.20
22. UNIT CAP. FACTOR (USING DER NET)	14.22	76.99	68.26
23. UNIT FORCED OUTAGE RATE	.00	.00	11.85
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: 05/11/01
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

CP&L CO  
 RUN DATE 05/02/01  
 RUN TIME 12:37:09

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

APRIL 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	533	17	0
2	530	18	0
3	521	19	0
4	514	20	0
5	500	21	0
6	486	22	0
7	0	23	0
8	0	24	0
9	0	25	0
10	0	26	0
11	0	27	0
12	0	28	0
13	0	29	0
14	0	30	0
15	0		
16	0		

APPENDIX D  
UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 2001

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 05/02/01  
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
01.001	4/7/01	S	574	C	1	N/A			Scheduled Shutdown: RO-20

<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 went off line and shut down on 4/7/01 for refueling outage 20. There were no challenges to the pressurizer operational relief valves or the pressurizer safety valves during the month. A steam generator inspection occurred during this refueling outage. The required steam generator inspection information will be provided with the June 2001 monthly operating report.