



**Carolina Power & Light Company**  
 Robinson Nuclear Plant  
 3581 West Entrance Road  
 Hartsville SC 29550

Serial: RNP-RA/99-0246

**DEC 9 1999**

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 November 1999. 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,

  
 for R. L. Warden

Manager - Regulatory Affairs

PMY/pmy

Attachments

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

IE24

CP&L CO  
 RUN DATE 12/01/99  
 RUN TIME 12:46:07

PLANT PERFORMANCE DATA SYSTEM  
 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: November 1999
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):
10. REASONS FOR RESTRICTION, IF ANY:

NOTES:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8016.00	252048.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	7296.05	186368.26
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	7266.35	183103.48
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1654774.56	16448567.76	383491180.80
17. GROSS ELEC. ENERGY GEN. (MWH)	545887.00	5396284.00	124693734.00
18. NET ELEC. ENERGY GENERATED (MWH)	521298.00	5141343.00	118036091.00
19. UNIT SERVICE FACTOR	100.00	90.65	72.65
20. UNIT AVAILABILITY FACTOR	100.00	90.65	72.66
21. UNIT CAP. FACTOR (USING MDC NET)	106.01	93.91	69.84
22. UNIT CAP. FACTOR (USING DER NET)	103.43	91.63	66.90
23. UNIT FORCED OUTAGE RATE	.00	.00	12.51
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):	None		

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 12/01/99  
RUN TIME 12:46:07

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

PAGE 1 of 1  
RPD39-000

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

## NOVEMBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	723*	17	728*
2	725*	18	728*
3	675	19	727*
4	726*	20	727*
5	726*	21	726*
6	726*	22	724*
7	724*	23	724*
8	725*	24	725*
9	726*	25	725*
10	726*	26	727*
11	724*	27	726*
12	723*	28	727*
13	724*	29	727*
14	725*	30	729*
15	727*		
16	728*		

\*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

REPORT MONTH: NOVEMBER 1999

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 12/01/99  
 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

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 near 100% power the entire month.