

# CATEGORY 1

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 AUTH. NAME:      AUTHOR AFFILIATION  
 FREEMAN, T.      Carolina Power & Light Co.  
 WARDEN, R.L.      Carolina Power & Light Co.  
 RECIP. NAME:      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1999 for HB Robinson Steam  
 Electric Plant, Unit 2. With 990512 ltr.

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**Carolina Power & Light Company**

Robinson Nuclear Plant  
3581 West Entrance Road  
Hartsville SC 29550

Robinson File No: 15505

Serial: RNP-RA/99-0101

**MAY 12 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

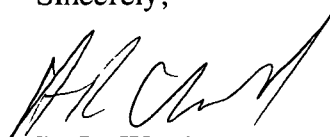
MONTHLY OPERATING REPORT

Sir or Madam:

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 April 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

11  
Jr24

PMY/pmy

Attachments

c: NRC Resident Inspector, HBRSEP

Mr. L. A. Reyes, NRC, Region II

Mr. R. Subbaratnam, NRC, NRR

9905190033 990430  
PDR ADDCK 05000261  
R PDR

CP&L CO  
 RUN DATE 05/04/99  
 RUN TIME 10:17:22

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

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 RPD36-000

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

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: APRIL 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): NONE
10. REASONS FOR RESTRICTION, IF ANY:

NOTES:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	246911.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	2849.28	181921.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	719.00	2844.68	178681.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1648774.32	6546880.08	373589493.12
17. GROSS ELEC. ENERGY GEN. (MWH)	546085.00	2176331.00	121473781.00
18. NET ELEC. ENERGY GENERATED (MWH)	521512.00	2078447.00	114973195.00
19. UNIT SERVICE FACTOR	100.00	98.81	72.37
20. UNIT AVAILABILITY FACTOR	100.00	98.81	72.38
21. UNIT CAP. FACTOR (USING MDC NET)	106.20	105.70	69.47
22. UNIT CAP. FACTOR (USING DER NET)	103.62	103.13	66.52
23. UNIT FORCED OUTAGE RATE	.00	.00	12.78

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):  
Refueling Outage 19 scheduled to begin September 25, 1999, with a scheduled duration of 28 days.
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

CP&L CO  
RUN DATE 05/04/99  
RUN TIME 10:17:22

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

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RPD39-000

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

APRIL 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	731*	17	729*
2	729*	18	730*
3	730*	19	728*
4	730*	20	728*
5	727*	21	727*
6	728*	22	727*
7	726*	23	728*
8	726*	24	725*
9	726*	25	724*
10	725*	26	726*
11	674	27	724*
12	724*	28	726*
13	726*	29	727*
14	727*	30	729*
15	727*		
16	727*		

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: APRIL 1999

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 05/04/99  
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
99-002	4/11/99	S	0	B	4	—	HA	VALVEX	Reduced power to approximately 65% for turbine valve test.

1 F: Forced

S: Scheduled

2 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)

3 Method:

1-Manual

2-Manual Scram.

3-Automatic Scram.

4-Other (Explain)

4 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 was on-line the entire month. The unit operated at near full power during the month, with the exception of the event described above. 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.