

# 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 Feb 1999 for HB Robinson Steam Electric Plant, Unit 2. With 990312 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/99-0059

**MAR 12 1999**

United States Nuclear Regulatory Commission  
 Attn: Document Control Desk  
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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 February 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,

  
 R. L. Warden  
 Manager - Regulatory Affairs

JSK/klb  
 Attachments  
 c: NRC Resident Inspector, HBRSEP  
 Mr. L. A. Reyes, NRC, Region II  
 Mr. R. Subbaratnam, NRC, NRR

9903190144 990228  
 PDR ADOCK 05000261  
 R PDR

CP&L CO  
 RUN DATE 03/01/99  
 RUN TIME 13:37:30

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

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: FEBRUARY 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	672.00	1416.00	245448.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1386.28	180458.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	672.00	1381.68	177218.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1544832.72	3187871.76	370230484.80
17. GROSS ELEC. ENERGY GEN. (MWH)	516962.00	1059430.00	120356880.00
18. NET ELEC. ENERGY GENERATED (MWH)	494080.00	1011471.00	113906219.00
19. UNIT SERVICE FACTOR	100.00	97.58	72.20
20. UNIT AVAILABILITY FACTOR	100.00	97.58	72.21
21. UNIT CAP. FACTOR (USING MDC NET)	107.65	104.59	69.24
22. UNIT CAP. FACTOR (USING DER NET)	105.03	102.05	66.30
23. UNIT FORCED OUTAGE RATE	.00	.00	12.87

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: N/A
  26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED
- INITIAL CRITICALITY 9/20/70  
 INITIAL ELECTRICITY 9/70  
 COMMERCIAL OPERATION 3/7/71

CP&L CO  
RUN DATE 03/01/99  
RUN TIME 13:37:30PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2PAGE 1 of 1  
RPD39-000DOCKET NO. 050-0261  
COMPLETED BY: THOMAS FREEMAN  
TELEPHONE (843)857-1403

## FEBRUARY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	735*	17	736*
2	735*	18	736*
3	736*	19	734*
4	736*	20	734*
5	735*	21	735*
6	735*	22	735*
7	734*	23	736*
8	734*	24	735*
9	734*	25	737*
10	733*	26	737*
11	735*	27	736*
12	735*	28	736*
13	736*		
14	736*		
15	735*		
16	736*		

\* 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: FEBRUARY 1999

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 03/01/99  
 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

<sup>1</sup>

<sup>2</sup>

<sup>3</sup>

<sup>4</sup>

- 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 full power the entire month. 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.