

# CATEGORY 1

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 GARDNER,D.      Carolina Power & Light Co.  
 WILKERSON,T.M.      Carolina Power & Light Co.  
 RECIP.NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1998 for H B Robinson Steam  
 Electric Plant,Unit 2.W/980414 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/98-0071

**APR 14 1998**

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 OPERATIONS REPORT**

Sir or Madam:

In accordance with Technical Specification (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 operations statistics and shutdown experience for the month of March 1998. 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 of my staff.

Very truly yours,

T. M. Wilkerson  
Manager - Regulatory Affairs

ALG/alg

Attachments

c: USNRC Resident Inspector, HBRSEP  
Mr. L. A. Reyes, USNRC, Region II  
Mr. J. W. Shea, USNRC

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PDR ADOCK 05000261  
R PDR

LE241

CP&L CO  
 RUN DATE 04/08/98  
 RUN TIME 12:18:31

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 DARRYL GARDNER  
 TELEPHONE (803)857-1144

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: MARCH 98
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	744.00	2160.00	237432.00
12. NUMBER OF HOURS REACTOR CRITICAL	144.18	1560.00	172846.19
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	143.35	1559.35	169644.08
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	318995.28	3574277.28	352978320.96
17. GROSS ELEC. ENERGY GEN. (MWH)	106194.00	1190040.00	114708216.00
18. NET ELEC. ENERGY GENERATED (MWH)	98923.00	1133804.00	108522994.00
19. UNIT SERVICE FACTOR	19.27	72.19	71.45
20. UNIT AVAILABILITY FACTOR	19.27	72.19	71.46
21. UNIT CAP. FACTOR (USING MDC NET)	19.47	76.85	68.24
22. UNIT CAP. FACTOR (USING DER NET)	18.99	74.99	65.30
23. UNIT FORCED OUTAGE RATE	.00	.00	13.33

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):  
REFUELING OUTAGE 18 BEGAN MARCH 6, 1998, AT 2321 HOURS, WITH A SCHEDULED DURATION OF 35 DAYS.
25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: APRIL 14, 1998
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
 INITIAL ELECTRICITY  
 COMMERCIAL OPERATION

9/20/70  
 9/70  
 3/7/71

CP&L CO  
RUN DATE 04/08/98  
RUN TIME 12:18:31

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: DARRYL GARDNER  
TELEPHONE (803)857-1144

MARCH 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	729	17	-2
2	724	18	-2
3	719	19	-2
4	713	20	-2
5	710	21	-3
6	623	22	-4
7	-26	23	-2
8	-10	24	-3
9	-6	25	-4
10	-3	26	-3
11	-3	27	-3
12	-3	28	-2
13	-3	29	-2
14	-3	30	0
15	-2	31	0
16	-2		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: MARCH 1998

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 04/08/98  
COMPLETED BY DARRYL GARDNER  
TELEPHONE (803) 857-1144

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
98-001	03/06/98	S	600.65	C	1	-----	ZZ	ZZZZZZ	Scheduled Shutdown - RO-18

1

2

3

4

<sup>5</sup> Exhibit 1 - Same Source

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)

SUMMARY: The unit was in shutdown for RO-18 on March 6, 1998 at 2321.