

# CATEGORY 1

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AUTH. NAME      AUTHOR AFFILIATION  
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WILKERSON, T.M.      Carolina Power & Light Co.  
RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1998 for HB Robinson Steam  
Electric Plant, Unit 2.W/980709 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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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/98-0124

JUL 09 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 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 operations statistics and shutdown experience for the month of June 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

KLB/klb

Attachments

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

9807140043 980630  
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R PDR

IE24%

CP&L CO  
 RUN DATE 07/01/98  
 RUN TIME 18:26:16

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 (843)857-1144

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: JUNE 1998
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	4343.00	239615.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	3403.85	174689.86
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	3374.73	171459.46
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1624122.00	7627911.36	357031955.04
17. GROSS ELEC. ENERGY GEN. (MWH)	524074.00	2509981.00	116028157.00
18. NET ELEC. ENERGY GENERATED (MWH)	499397.00	2387237.00	109776427.00
19. UNIT SERVICE FACTOR	100.00	77.71	71.56
20. UNIT AVAILABILITY FACTOR	100.00	77.71	71.57
21. UNIT CAP. FACTOR (USING MDC NET)	101.55	80.48	68.39
22. UNIT CAP. FACTOR (USING DER NET)	99.09	78.52	65.45
23. UNIT FORCED OUTAGE RATE	.00	1.12	13.23

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH): N/A
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

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

CP&L CO  
RUN DATE 07/01/98  
RUN TIME 18:26:16

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

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DOCKET NO. 050-0261  
COMPLETED BY: DARRYL GARDNER  
TELEPHONE (843)857-1144

JUNE 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	708	17	709
2	707	18	706
3	707	19	707
4	706	20	706
5	707	21	690
6	707	22	705
7	710	23	703
8	711	24	702
9	712	25	702
10	713	26	704
11	714	27	528
12	713	28	523
13	713	29	658
14	711	30	701
15	714		
16	712		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JUNE 1998

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 07/01/98  
 COMPLETED BY DARRYL GARDNER  
 TELEPHONE (843) 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
98-003	980627	S	0	F	4	-	ZZ	ZZZZZZ	Administrative decision to reduce load to minimize heat input into lake; voluntary plant action to avoid reaching regulatory restriction. Unit load reduced; no reactor shutdown involved.

F: Forced

S: Scheduled

Reason:

A-Equipment Failure (Explain)

B-Maintenance or Test

C-Refueling

D-Regulatory Restriction

E-Operator Training &amp; 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 full power during the month, with the exception of power reduction 98-003 and the following reduction. A power reduction was experienced on June 20, 1998, at 2313 to June 21, 1998, at 0430 to repair tubing leak at PSH-1428. Tubing leak resulted in HCV-1428 opening and plant runback due to OPAT.