

CATEGORY 1

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 FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261
 AUTH.NAME: AUTHOR AFFILIATION
 GARDNER, D. Carolina Power & Light Co.
 WILKERSON, T.M. Carolina Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1998 for HB Robinson Steam
 Electric Plant, Unit 2. With 981008 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/98-0181

OCT 08 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 September 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: NRC Resident Inspector, HBRSEP
Mr. L. A. Reyes, NRC, Region II
Mr. R. Subbaratnam, NRC/NRR

9810140172 980930
PDR ADOCK 05000261
R PDR

15505

CP&L CO
 RUN DATE 10/01/98
 RUN TIME 15:34:18

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: SEPTEMBER 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	6551.00	241823.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	5611.85	176897.86
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	5582.73	173667.46
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1655210.64	12659463.12	362063506.80
17. GROSS ELEC. ENERGY GEN. (MWH)	535853.00	4130255.00	117648431.00
18. NET ELEC. ENERGY GENERATED (MWH)	511196.00	3931775.00	111320965.00
19. UNIT SERVICE FACTOR	100.00	85.22	71.82
20. UNIT AVAILABILITY FACTOR	100.00	85.22	71.83
21. UNIT CAP. FACTOR (USING MDC NET)	103.95	87.87	68.70
22. UNIT CAP. FACTOR (USING DER NET)	101.43	85.74	65.76
23. UNIT FORCED OUTAGE RATE	.00	.68	13.08

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	9/20/70
INITIAL ELECTRICITY	9/70
COMMERCIAL OPERATION	3/7/71

CP&L CO
RUN DATE 10/01/98
RUN TIME 15:34:17

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 (843)857-1144

SEPTEMBER 1998

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: SEPTEMBER 1998

DOCKET NO. 050-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 10/04/98
COMPLETED BY DARRYL GARDNER
TELEPHONE (843) 857-1144

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence

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)

⁵ Exhibit 1 - Same Source

SUMMARY: The unit operated at near full power the entire month.