

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.
WARDEN,R.L. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Nov 1998 for HB Robinson Steam
Electric Plant,Unit 2.With 981211 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/98-0227

DEC 11 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

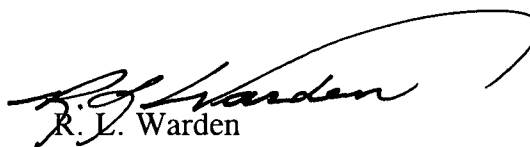
MONTHLY OPERATING REPORT

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 operating statistics and shutdown experience for the month of November 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.

Very truly yours,



R. L. Warden
Manager - Regulatory Affairs

PMY/klb

Attachments

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

9812160118 981130
PDR ADDCK 05000261
R PDR

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TE 24

CP&L CO
 RUN DATE 12/01/98
 RUN TIME 14:28:15

PLANT PERFORMANCE DATA SYSTEM
 OPERATING DATA REPORT
 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

OPERATING STATUS

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

NOTES:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8016.00	243288.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	7042.20	178328.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	7008.40	175093.13
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1655216.16	15928031.76	365332075.44
17. GROSS ELEC. ENERGY GEN. (MWH)	549650.00	5208561.00	118726737.00
18. NET ELEC. ENERGY GENERATED (MWH)	524992.00	4960233.00	112349423.00
19. UNIT SERVICE FACTOR	100.00	87.43	71.97
20. UNIT AVAILABILITY FACTOR	100.00	87.43	71.98
21. UNIT CAP. FACTOR (USING MDC NET)	106.76	90.60	68.91
22. UNIT CAP. FACTOR (USING DER NET)	104.17	88.40	65.97
23. UNIT FORCED OUTAGE RATE	.00	1.09	13.01

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 12/01/98
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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

NOVEMBER 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	724*	17	728*
2	724*	18	727*
3	725*	19	729*
4	726*	20	729*
5	727*	21	730*
6	730*	22	730*
7	731*	23	730*
8	731*	24	730*
9	731*	25	730*
10	730*	26	731*
11	728*	27	731*
12	729*	28	731*
13	730*	29	731*
14	730*	30	732*
15	730*		
16	730*		

* 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: NOVEMBER 1998

DOCKET NO. G50-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 12/04/98
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

2

3

4

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)

⁵ Exhibit 1 - Same Source

SUMMARY: The Unit operated near full power the entire month.