

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 Jan 1999 for HB Robison Electric Plant,Unit 2.With 990211 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/99-0035

FEB 11 1999

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

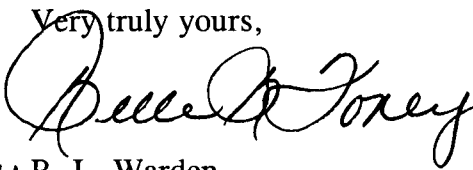
MONTHLY OPERATING REPORT

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 January 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.

Very truly yours,

for 
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

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PDR ADOCK 05000261
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CP&L CO
 RUN DATE 02/01/99
 RUN TIME 15:43:42

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

PAGE 1 of 1
 RPD36-000

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: JANUARY 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	744.00	744.00	244776.00
12. NUMBER OF HOURS REACTOR CRITICAL	714.28	714.28	179786.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	709.68	709.68	176546.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1643039.04	1643039.04	368685652.08
17. GROSS ELEC. ENERGY GEN. (MWH)	542468.00	542468.00	119839918.00
18. NET ELEC. ENERGY GENERATED (MWH)	517391.00	517391.00	113412139.00
19. UNIT SERVICE FACTOR	95.39	95.39	72.13
20. UNIT AVAILABILITY FACTOR	95.39	95.39	72.14
21. UNIT CAP. FACTOR (USING MDC NET)	101.82	101.82	69.13
22. UNIT CAP. FACTOR (USING DER NET)	99.35	99.35	66.19
23. UNIT FORCED OUTAGE RATE	.00	.00	12.91

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH): None

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 02/01/99
RUN TIME 15:43:42PLANT 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

JANUARY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	735*	17	736*
2	735*	18	734*
3	734*	19	735*
4	735*	20	735*
5	736*	21	736*
6	735*	22	735*
7	735*	23	736*
8	424	24	734*
9	-25	25	734*
10	586	26	734*
11	734*	27	735*
12	734*	28	735*
13	734*	29	734*
14	735*	30	734*
15	735*	31	734*
16	736*		

* The maximum dependable capacity is 683 MWE. The Plant operated above the Maximum Dependable Capacity (MDC) due to the condenser water inlet temperature < 95° F.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: JANUARY 1999

DOCKET NO. 050-0261
 UNIT NAME HBRSEP, UNIT NO. 2
 DATE 02/01/99
 COMPLETED BY THOMAS FREEMAN
 TELEPHONE (843) 857-1403

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
99-001	990108	S	34.32	B	1	N/A	N/A	N/A	Planned Maintenance outage.

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 full power the entire month except for the above noted event. The Unit was shutdown to Mode 3 for maintenance as noted above. There were no challenges to the pressurizer power operated relief valves or pressurizer safety valves this month. There were no steam generator tube inspections this month.