

CATEGORY 1

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FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261
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 Sept 1999 for HB Robinson Steam
Electric Plant,Unit 2.With 991014 ltr.

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**Carolina Power & Light Company**

Robinson Nuclear Plant
3581 West Entrance Road
Hartsville SC 29550

Serial: RNP-RA/99-0204

OCT 14 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 September 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.

Sincerely,


R. L. WARDEN

R. L. Warden
Manager - Regulatory Affairs

PMY/pmy

Attachments

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

9910210151 990930
PDR ADOCK 05000261
R PDR



CP&L CO
 RUN DATE 10/04/99
 RUN TIME 09:31:20

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 THOMAS FREEMAN
 TELEPHONE (843)857-1403

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),
UNIT NO. 2
2. REPORTING PERIOD: SEPTEMBER 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	720.00	6551.00	250583.00
12. NUMBER OF HOURS REACTOR CRITICAL	576.00	6377.28	185449.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	576.00	6372.68	182209.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1127702.88	14434270.08	381476883.12
17. GROSS ELEC. ENERGY GEN. (MWH)	369565.00	4735414.00	124032864.00
18. NET ELEC. ENERGY GENERATED (MWH)	348939.00	4515232.00	117409980.00
19. UNIT SERVICE FACTOR	80.00	97.28	72.71
20. UNIT AVAILABILITY FACTOR	80.00	97.28	72.72
21. UNIT CAP. FACTOR (USING MDC NET)	70.96	100.91	69.88
22. UNIT CAP. FACTOR (USING DER NET)	69.23	98.46	66.94
23. UNIT FORCED OUTAGE RATE	.00	.00	12.56

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: 10/23/99
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

CP&L CO
RUN DATE 10/04/99
RUN TIME 09:31:20

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

PAGE 1 of 1
RPD39-000

DOCKET NO. 050-0261
COMPLETED BY: THOMAS FREEMAN
TELEPHONE (843)857-1403

SEPTEMBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	659	17	593
2	659	18	584
3	655	19	581
4	651	20	576
5	647	21	572
6	638	22	568
7	632	23	563
8	628	24	545
9	617	25	-24
10	613	26	-11
11	611	27	-8
12	606	28	-3
13	603	29	-2
14	599	30	-3
15	597		
16	593		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 10/04/1999
COMPLETED BY THOMAS FREEMAN
TELEPHONE (843) 857-1403

REPORT MONTH: SEPTEMBER 1999

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
99.002	9/25/99	S	144.0	C	1	-			Scheduled Shutdown - RO - 19

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 was shut down on September 25 at 00:00 for refueling outage 19. There were no challenges to the pressurizer operated relief valves or the pressurizer safety valves during the month. There were no steam generator inspections during the month.