

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 May 1999 for HB Robinson Steam Electric Plant, Unit 2. With 990607 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/99-0112

JUN 07 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 May 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

Manager - Regulatory Affairs

1/1
Je 24

PMY/pmy

Attachments

c: NRC Resident Inspector, HBRSEP

L. A. Reyes, NRC, Region II

R. Subbaratnam, NRC, NRR

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R PDR

CP&L CO
 RUN DATE 06/01/99
 RUN TIME 17:13:51

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 THOMAS FREEMAN
 TELEPHONE (843)857-1403

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),
UNIT NO. 2
2. REPORTING PERIOD: MAY 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	3623.00	247655.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	3593.28	182665.49
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	3588.68	179425.81
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1703389.20	8250269.28	375292882.32
17. GROSS ELEC. ENERGY GEN. (MWH)	561020.00	2737351.00	122034801.00
18. NET ELEC. ENERGY GENERATED (MWH)	535591.00	2614038.00	115508786.00
19. UNIT SERVICE FACTOR	100.00	99.05	72.45
20. UNIT AVAILABILITY FACTOR	100.00	99.05	72.46
21. UNIT CAP. FACTOR (USING MDC NET)	105.40	105.64	69.58
22. UNIT CAP. FACTOR (USING DER NET)	102.84	103.07	66.63
23. UNIT FORCED OUTAGE RATE	.00	.00	12.73

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):
Refueling Outage 19 scheduled to begin September 25, 1999, with a scheduled duration of 28 days.
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

CP&L CO
RUN DATE 06/01/99
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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: THOMAS FREEMAN
TELEPHONE (843)857-1403

MAY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	733*	17	722*
2	733*	18	720*
3	732*	19	719*
4	732*	20	718*
5	732*	21	719*
6	731*	22	720*
7	731*	23	720*
8	729*	24	720*
9	727*	25	720*
10	665	26	716*
11	720*	27	713*
12	721*	28	714*
13	723*	29	715*
14	721*	30	708*
15	722*	31	698*
16	723*		

* 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: MAY 1999

DOCKET NO. 050-0261UNIT NAME HBRSEP, UNIT NO. 2DATE 06/01/99COMPLETED BY THOMAS FREEMANTELEPHONE (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

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 was on line during the entire month. There were no challenges to the pressurizer power operated relief valves or the pressurizer safety valves during the month. There were no steam generator inspections during the month.