TS 5.6.4
TRM 6.2

CP&L
A Progress Energy Company

Serial: RNP-RA/02-0019

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, DC 20555

FEB 12 2002

H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23

MONTHLY OPERATING REPORT

Ladies and Gentlemen:

In accordance with the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Technical Specification (TS) Section 5.6.4, "Monthly Operating Reports," and HBRSEP, Unit No. 2, Technical Requirements Manual (TRM) Section 6.2, "Monthly Operating Report," Carolina Power & Light (CP&L) Company submits the enclosed report of operating statistics and shutdown experience for the month of January 2002. 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. C. T. Baucom.

Sincerely,

B. L. Fletcher III
Manager - Regulatory Affairs

DJS/djs

Attachments

I. Plant Performance Data System Appendix C - Operating Data Report
II. Appendix B - Average Daily Power Level
III. Appendix D - Unit Shutdowns and Power Reductions

c: NRC Resident Inspector, HBRSEP
L. A. Reyes, NRC, Region II
A. G. Hansen, NRC, NRR

IE24

Robinson Nuclear Plant
3581 West Entrance Road
Hartsville, SC 29550

PLANT PERFORMANCE DATA SYSTEM
APPENDIX C - OPERATING DATA REPORT

DOCKET NO. 050-0261
UNIT CP&L CO, HBRSEP, UNIT NO. 2
RUN DATE 2/06/02
RUN TIME 10:05:41
COMPLETED BY TOM FREEMAN
TELEPHONE (843) 857-1403

OPERATING STATUS

NOTES:

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP), UNIT NO. 2
2. REPORTING PERIOD: JANUARY 2002
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:

		THIS MONTH	YR TO DATE	CUMULATIVE
11.	HOURS IN REPORTING PERIOD	744.00	744.00	271080.00
12.	NUMBER OF HOURS REACTOR CRITICAL	744.00	744.00	204551.59
13.	REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14.	HOURS GENERATOR ON LINE	744.00	744.00	201262.26
15.	UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16.	GROSS THERMAL ENERGY GEN. (MWH)	1663689.36	1663689.36	424593205.68
17.	GROSS ELEC. ENERGY GEN. (MWH)	550359.00	550359.00	138147667.00
18.	NET ELEC. ENERGY GENERATED (MWH)	524920.00	524920.00	130856269.00
19.	UNIT SERVICE FACTOR	100.00	100.00	74.24
20.	UNIT AVAILABILITY FACTOR	100.00	100.00	74.25
21.	UNIT CAP. FACTOR (USING MDC NET)	103.30	103.30	71.89
22.	UNIT CAP. FACTOR (USING DER NET)	100.79	100.79	68.96
23.	UNIT FORCED OUTAGE RATE	.00	.00	11.52

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY
INITIAL ELECTRICITY
COMMERCIAL OPERATION

APPENDIX B - AVERAGE DAILY POWER LEVEL

RPD39-000

DOCKET NO. 050-0261
UNIT CP&L CO, HBRSEP, UNIT NO. 2
RUN DATE 2/06/02
RUN TIME 10:05:41
COMPLETED BY THOMAS FREEMAN
TELEPHONE (843) 857-1403

JANUARY 2002

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	728*	17	729*
2	729*	18	709*
3	728*	19	361
4	729*	20	397
5	730*	21	728*
6	729*	22	730*
7	728*	23	730*
8	730*	24	729*
9	729*	25	728*
10	729*	26	728*
11	730*	27	728*
12	729*	28	728*
13	729*	29	729*
14	727*	30	729*
15	729*	31	729*
16	729*		

*The maximum dependable net capacity is 683 MWE. The Plant operated above the maximum dependable capacity due to the condenser water inlet temperature <95°F.

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 2/06/02
COMPLETED BY THOMAS FREEMAN
TELEPHONE (843) 857-1403

REPORT MONTH: JANUARY 2002

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason[1]	Method of Shutting Down the Reactor or Reducing Power[2]	Corrective Actions / Comments
02-001	020119	S	46	B	4	Power was reduced to 55 - 60% to isolate a condenser section. During this reduction in power, condenser tube leaks were repaired.

1

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)

2

Method:
1-Manual
2-Manual Scram
3-Automatic Scram
4-Other (Explain)

SUMMARY: The unit operated at full power the entire month, except for the above-referenced event. During that event, the unit power level was reduced to 55-60% in order to isolate one condenser section and locate and repair tube leaks. 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.