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 AUTH. NAME      AUTHOR AFFILIATION  
 GARDNER, D.      Carolina Power & Light Co.  
 WILKERSON, T.M.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1997 for HB Robinson Steam  
 Electric Plant Unit 2.W/970310 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/97-0060

MAR 10 1997

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 OPERATIONS REPORT

Gentlemen:

In accordance with Technical Specifications (TS) Section 6.9.1.4 for the H. B. Robinson Steam Electric Plant (HBRSEP), Unit No. 2, Carolina Power & Light (CP&L) Company submits the enclosed report of operations statistics and shutdown experience for the month of February 1997. Also, in accordance with TS Section 6.9.1.4, this report is being submitted to the NRC by the 10th day of the month following the calendar month covered by the report.

If you have any questions concerning this matter, please contact me or Mr. H. K. Chernoff of my staff at (803) 857-1437.

Very truly yours,

T. M. Wilkerson  
Manager - Regulatory Programs

JSK/klb

Enclosures

c: Mr. L. A. Reyes, Regional Administrator, USNRC, Region II  
Mr. B. B. Desai, USNRC Senior Resident Inspector, HBRSEP

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Enclosure 1 to Serial: RNP-RA/97-0060  
CP&L CO  
RUN DATE 03/03/97  
RUN TIME 11:05:53

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 (803)857-1144

OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: FEBRUARY 1997
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: N/A
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTION, IF ANY: N/A

NOTES: There are 236 full assemblies and 1 partial assembly with 100 rods in the Spent Fuel Pool. There are 157 assemblies in the Reactor and 56 assemblies in the Dry Fuel Storage.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	672.00	1416.00	227928.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1416.00	164031.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	672.00	1416.00	160837.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1544220.00	3248117.04	332893938.96
17. GROSS ELEC. ENERGY GEN. (MWH)	515842.00	1085448.00	108103956.00
18. NET ELEC. ENERGY GENERATED (MWH)	492581.00	1036408.00	102228010.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.57
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.58
21. UNIT CAP. FACTOR (USING MDC NET)	107.32	107.16	67.02
22. UNIT CAP. FACTOR (USING DER NET)	104.72	104.56	64.07
23. UNIT FORCED OUTAGE RATE	.00	.00	13.92

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:

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

----- 9/20/70  
----- 9/70  
----- 3/7/71

CP&L CO  
RUN DATE 03/03/97  
RUN TIME 11:05:53

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 (803)857-1144

February 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	735	17	734
2	734	18	734
3	733	19	734
4	733	20	734
5	734	21	734
6	733	22	733
7	733	23	729
8	733	24	732
9	733	25	732
10	734	26	732
11	733	27	732
12	734	28	731
13	733		
14	733		
15	733		
16	734		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FEBRUARY 1997DOCKET NO. 050-0261UNIT NAME HBRSEP, UNIT NO. 2DATE 3/03/97COMPLETED BY DARRYL GARDNERTELEPHONE (803) 857-1144

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
For Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File  
(NUREG-0161)

<sup>5</sup> Exhibit 1 - Same Source

SUMMARY: The Unit operated at full power during the month of February.