

CATEGORY 1

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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 Mar 1997 for HBRSEP.W/970410 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/97-0085

APR 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 March 1997.

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 Affairs

KLB/klb
Enclosure

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

9704160057 970331
PDR ADOCK 05000261
R PDR



Enclosure to Serial: RNP-RA/97-0085
CP&L CO
RUN DATE: 04/01/97
RUN TIME 15:48:13

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

PAGE 1
RPD36-000

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: MARCH 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 Independent Spent Fuel Storage Installation.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	228672.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	164775.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	2160.00	161581.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1667983.92	4916100.96	334561922.88
17. GROSS ELEC. ENERGY GEN. (MWH)	553910.00	1639358.00	108657866.00
18. NET ELEC. ENERGY GENERATED (MWH)	528292.00	1564700.00	102756302.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.66
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.67
21. UNIT CAP. FACTOR (USING MDC NET)	103.96	106.06	67.14
22. UNIT CAP. FACTOR (USING DER NET)	101.44	103.49	64.19
23. UNIT FORCED OUTAGE RATE	.00	.00	13.86

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 04/01/97
RUN TIME 15:48:13

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

PAGE 2
RPD39-000

DOCKET NO. 050-0261
COMPLETED BY: DARRYL GARDNER
TELEPHONE (803)857-1144

March 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	731	17	729
2	731	18	729
3	730	19	729
4	729	20	729
5	598	21	729
6	562	22	729
7	590	23	727
8	591	24	727
9	728	25	728
10	729	26	729
11	727	27	727
12	727	28	728
13	729	29	728
14	729	30	726
15	729	31	727
16	729		

UNIT SHUTDOWNS AND POWER REDUCTIONS

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

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
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 online the entire month. The unit operated at full power during the month except for the period from March 5 through March 8, when power was reduced to comply with weir discharge temperature limits.