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

SUBJECT: Monthly operating rept for April 1997 for HBRSEP.W/970508
 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/97-0107

MAY 08 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 April 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. 1/1
1024

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

9705150080 970430
PDR ADOCK 05000261
R PDR

KLb/klb

Attachments

- c: Mr. L. A. Reyes, Regional Administrator, USNRC, Region II
Ms. B. L. Mozafari, USNRC Project Manager, HBRSEP
Mr. B. B. Desai, USNRC Senior Resident Inspector, HBRSEP



140018

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: APRIL 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:

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	229391.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	2879.00	165494.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	719.00	2879.00	162300.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1622499.12	6538600.08	336184422.00
17. GROSS ELEC. ENERGY GEN. (MWH)	537507.00	2176865.00	109195373.00
18. NET ELEC. ENERGY GENERATED (MWH)	512761.00	2077461.00	103269063.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.75
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.76
21. UNIT CAP. FACTOR (USING MDC NET)	104.42	105.65	67.26
22. UNIT CAP. FACTOR (USING DER NET)	101.88	103.08	64.31
23. UNIT FORCED OUTAGE RATE	.00	.00	13.81

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 05/01/97
 RUN TIME 09:24:00

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: DARRYL GARDNER
 TELEPHONE (803)857-1144

April 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	726	17	726
2	729	18	729
3	728	19	730
4	729	20	730
5	728	21	729
6	728	22	727
7	727	23	727
8	726	24	727
9	726	25	727
10	726	26	727
11	727	27	727
12	727	28	726
13	727	29	727
14	359	30	728
15	670		
16	727		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH APRIL 1997

DOCKET NO. 050-0281
UNIT NAME HBRSEP, UNIT NO. 2
DATE 4/03/97
COMPLETED BY DARRYL GARDNER
TELEPHONE (803) 857-1144

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
97-001	970414	F	0	A	4	-	HH	MOTORX	Power reduction to approximately 50% to replace "A" Condensate Pump Motor Oil Cooler.

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 April 14 through April 15, when power was reduced to allow replacement of "A" Condensate Pump Motor upper oil reservoir cooler.