

CATEGORY 1

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

SUBJECT: Monthly operating rept for July 1997 for HBRSEP, W/970807
 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/97-0177

AUG 07 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 July 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 Affairs

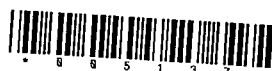
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Attachments

- 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

9708140085 970731
PDR ADOCK 05000261
R PDR



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: JULY 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	744.00	5087.00	231599.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5087.00	167702.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	5087.00	164508.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1700927.28	11593115.04	341238936.96
17. GROSS ELEC. ENERGY GEN. (MWH)	545640.00	3822290.00	110840798.00
18. NET ELEC. ENERGY GENERATED (MWH)	519764.00	3646344.00	104837946.00
19. UNIT SERVICE FACTOR	100.00	100.00	71.03
20. UNIT AVAILABILITY FACTOR	100.00	100.00	71.04
21. UNIT CAP. FACTOR (USING MDC NET)	102.29	104.95	67.61
22. UNIT CAP. FACTOR (USING DER NET)	99.80	102.40	64.67
23. UNIT FORCED OUTAGE RATE	.00	.00	13.65

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 08/05/97
RUN TIME 15:05:26

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

July	1997		
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	706	17	620
2	704	18	657
3	704	19	702
4	704	20	702
5	702	21	702
6	704	22	702
7	704	23	702
8	703	24	703
9	704	25	703
10	702	26	701
11	700	27	703
12	700	28	704
13	700	29	703
14	702	30	703
15	702	31	706
16	703		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JULY 97

DOCKET NO. 050-0251
UNIT NAME HBRSEP, UNIT NO. 2
DATE 8/06/97
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

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 July 17-July 18, 1997, when power was reduced to approximately 60% for replacement of "B" Heater Drain Pump motor oil cooler.