

# CATEGORY 1

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

SUBJECT: Monthly operating rept for June 1997 for HB Robinson steam electric plant. W/970709 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/97-0158

**JUL 09 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 June 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,

  
for T. M. Wilkerson  
Manager - Regulatory Affairs

KLK/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

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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: JUNE 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	720.00	4343.00	230855.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	4343.00	166958.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	4343.00	163764.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1643320.56	9892187.76	339538009.68
17. GROSS ELEC. ENERGY GEN. (MWH)	535700.00	3276650.00	110295158.00
18. NET ELEC. ENERGY GENERATED (MWH)	510816.00	3126580.00	104318182.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.94
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.95
21. UNIT CAP. FACTOR (USING MDC NET)	103.88	105.40	67.50
22. UNIT CAP. FACTOR (USING DER NET)	101.35	102.84	64.55
23. UNIT FORCED OUTAGE RATE	.00	.00	13.70

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 07/01/97  
RUN TIME 13:50:57

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

May	1997				
	DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)	
	1	720	17	717	
	2	719	18	716	
	3	716	19	714	
	4	716	20	711	
	5	718	21	712	
	6	720	22	710	
	7	710	23	707	
	8	578	24	707	
	9	722	25	707	
	10	722	26	707	
	11	722	27	705	
	12	722	28	705	
	13	722	29	707	
	14	720	30	705	
	15	716			
	16	715			

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH JUNE 97

DOCKET NO. 050-0261  
UNIT NAME HBRSEP, UNIT NO. 2  
DATE 7/01/97  
COMPLETED BY DARRYL GARDNER  
TELEPHONE (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

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)

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

SUMMARY: The unit was online the entire month. The unit operated at full power during the month except for June 7-June 8, 1997, when power was reduced to approximately 55% for turbine control valve testing.