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AUTH. NAME AUTHOR AFFILIATION  
SCARBOROUGH, J. Carolina Power & Light Co.  
KRICH, R.M. Carolina Power & Light Co.  
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: ~~Monthly~~ operating rept for Sept 1995 for HB Robinson Unit 2.  
W/951010 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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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/95-0184

**OCT 10 1995**

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 September 1995. Also, in accordance with TS Section 6.9.1.4, this report is being submitted to the Nuclear Regulatory Commission by the tenth of the month following the calendar month covered by the report.

Questions regarding this matter may be referred to Mr. A. L. Garrou at (803) 857-1544.

Very truly yours,

R. M. Krich

Manager - Regulatory Affairs

JSK/klb

Enclosures

c: Mr. S. D. Ebner, Regional Administrator, USNRC, Region II  
Mr. W. T. Orders, USNRC Senior Resident Inspector, HBRSEP

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9510170008 950930  
PDR ADOCK 05000261  
R PDR

Highway 151 and SC 23 Hartsville SC

JE24.1

DOCKET NO. 050-0261

COMPLETED BY J. S. SCARBOROUGH

TELEPHONE (803)857-1000

## OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: SEPTEMBER 95
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 282 assemblies and 1 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	720.00	6551.00	215519.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	5212.11	152623.64
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	5148.15	149467.33
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1618960.80	11579557.92	307074878.64
17. GROSS ELEC. ENERGY GEN. (MWH)	516565.00	3752882.00	99615431.00
18. NET ELEC. ENERGY GENERATED (MWH)	491651.00	3561623.00	94140978.00
19. UNIT SERVICE FACTOR	100.00	78.59	69.35
20. UNIT AVAILABILITY FACTOR	100.00	78.59	69.36
21. UNIT CAP. FACTOR (USING MDC NET)	99.98	79.60	65.34
22. UNIT CAP. FACTOR (USING DER NET)	97.55	77.67	62.40
23. UNIT FORCED OUTAGE RATE	.00	2.35	14.81
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:	N/A		
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):	<u>FORECAST</u> <u>ACHIEVED</u>		
INITIAL CRITICALITY	-----	<u>9/20/70</u>	
INITIAL ELECTRICITY	-----	<u>9/70</u>	
COMMERCIAL OPERATION	-----	<u>3/2/71</u>	

Enclosure 2 to Serial: RNP-RA/95-0184

CP&L CO  
RUN DATE 10/04/95  
RUN TIME 15:27:22

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

PAGE 1  
RPD39-000

DOCKET NO. 050-0261  
COMPLETED BY: J. S. SCARBOROUGH  
TELEPHONE (803)857-1000

SEPTEMBER 1995

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	697	17	697
2	698	18	697
3	697	19	697
4	697	20	699
5	698	21	698
6	699	22	683
7	699	23	378
8	699	24	560
9	697	25	698
10	697	26	701
11	698	27	704
12	697	28	703
13	698	29	704
14	698	30	704
15	696		
16	696		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP UNIT NO. 2  
 DATE 10/06/95  
 COMPLETED BY J. S. Scarborough  
 TELEPHONE (803) 857-1000

REPORT MONTH SEPTEMBER 1995

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>2</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1001	09/22/95	S	2.27	B	N/A		TA	VALVEX	Power reduction to 60% for OST-551, "Turbine Control Valve Testing."
1002	09/23/95	S	29.93	B	N/A		HF	HTEXCH	Main condenser water box inspection for condenser tube leak. Leaking tube found in number four (4) water box: tube was isolated by installation of Mechanical Plug in each end.
1003	09/24/95	S	7.53	B	N/A		TA	VALVEX	Completion of OST-551 including load increase from 60% power to full load, 100% power.

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 operated at full power during the month except for the power reduction on 9/22-24/95, for Turbine Control Valve Testing and Main Condenser Inspection.