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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 HB Robinson Steam Electric Plant  
Unit 2 W/960207 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/96-0031

**FEB 07 1996**

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 January 1996. 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.

Questions regarding this matter may be referred to me at (803) 857-1802.

Very truly yours,

R. M. Krich  
 Manager - Regulatory Affairs

JSK/klb

Enclosures

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

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OPERATING STATUS

1. UNIT NAME: H. B. ROBINSON STEAM ELECTRIC PLANT (HBRSEP),  
UNIT NO. 2
2. REPORTING PERIOD: JANUARY 96
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	744.00	744.00	218472.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	744.00	155576.64
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	744.00	152420.33
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1687182.48	1687182.48	313820539.44
17. GROSS ELEC. ENERGY GEN. (MWH)	562046.00	562046.00	101844703.00
18. NET ELEC. ENERGY GENERATED (MWH)	536246.00	536246.00	96267747.00
19. UNIT SERVICE FACTOR	100.00	100.00	69.77
20. UNIT AVAILABILITY FACTOR	100.00	100.00	69.78
21. UNIT CAP. FACTOR (USING MDC NET)	105.53	105.53	65.90
22. UNIT CAP. FACTOR (USING DER NET)	102.97	102.97	62.95
23. UNIT FORCED OUTAGE RATE	.00	.00	14.57
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>3/7/71</u>	

CP&L CO  
RUN DATE 02/02/96  
RUN TIME 11:22:40

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

DOCKET NO. 050-0261  
COMPLETED BY: J. S. SCARBOROUGH  
TELEPHONE (803)857-1447

JANUARY 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	729	17	728
2	729	18	728
3	729	19	729
4	729	20	729
5	729	21	728
6	728	22	728
7	728	23	728
8	729	24	729
9	729	25	729
10	728	26	728
11	729	27	729
12	641	28	729
13	580	29	728
14	728	30	727
15	729	31	728
16	728		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 02/02/96  
 COMPLETED BY J. S. Scarborough  
 TELEPHONE (803) 857-1447

REPORT MONTH JANUARY 1996

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

<sup>1</sup> F: Forced  
 S: Scheduled

<sup>2</sup> 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)

<sup>3</sup> Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup> 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 of January, with the exception of power reduction on 1/12/96, to repair "A" condensate pump motor oil cooler. The motor lube oil cooler was replaced due to leaks.