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

SUBJECT: Monthly operating rept for May 1996 for HB Robinson Steam Electric Plant Unit 2.W/960606 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/96-0110

JUN 06 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 May 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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Enclosure 1 to Serial: RNP-RA/96-0110
CP&L CO
RUN DATE 06/04/96
RUN TIME 13:48:45

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2

PAGE 1
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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: MAY 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	3647.00	221375.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	3647.00	158479.64
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	3647.00	155323.33
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1705299.12	8336971.92	320470328.88
17. GROSS ELEC. ENERGY GEN. (MWH)	553781.00	2750850.00	104033507.00
18. NET ELEC. ENERGY GENERATED (MWH)	527737.00	2624501.00	98356002.00
19. UNIT SERVICE FACTOR	100.00	100.00	70.16
20. UNIT AVAILABILITY FACTOR	100.00	100.00	70.17
21. UNIT CAP. FACTOR (USING MDC NET)	103.85	105.36	66.43
22. UNIT CAP. FACTOR (USING DER NET)	101.33	102.80	63.47
23. UNIT FORCED OUTAGE RATE	.00	.00	14.33
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH): REFUELING OUTAGE 17 SCHEDULED TO START SEPTEMBER 7, 1996, WITH A DURATION OF 36 DAYS.			
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 06/04/96
RUN TIME 13:48:44

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

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RPD39-000

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

MAY 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	717	17	714
2	716	18	712
3	716	19	711
4	716	20	710
5	714	21	709
6	711	22	706
7	709	23	704
8	709	24	706
9	710	25	705
10	710	26	703
11	711	27	703
12	709	28	704
13	709	29	701
14	711	30	701
15	713	31	703
16	714		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY 96

DOCKET NO. 050-0261
 UNIT NAME HBRSEP, UNIT NO. 2
 DATE 06/04/96
 COMPLETED BY J. S. Scarborough
 TELEPHONE (803) 857-1000

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 operated at full power during the month.