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 AUTH. NAME AUTHOR AFFILIATION
 GARDNER, D. Carolina Power & Light Co.
 CHERNOFF, H.K. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1996 for HB Robinson Steam Electric Plant, Unit 2.W/970109 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/97-0005

JAN 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 December 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) 857-1437.

Very truly yours,

A handwritten signature in black ink, appearing to read "H. K. Chernoff". The signature is fluid and cursive, with the first letters of the first and last names being capitalized and prominent.

H. K. Chernoff
Supervisor - Licensing/Regulatory Programs

JSK/klb

Enclosures

c: Mr. L. A. Reyes, Regional Administrator, USNRC, Region II
Mr. B. B. Desai, USNRC Senior Resident Inspector, HBRSEP

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PDR ADOCK 05000261
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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: DECEMBER 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 278 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	8784.00	226512.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	7783.27	162615.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	7745.45	159421.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1709969.04	17512464.96	329645821.92
17. GROSS ELEC. ENERGY GEN. (MWH)	570883.00	5735851.00	107018508.00
18. NET ELEC. ENERGY GENERATED (MWH)	545099.00	5460101.00	101191602.00
19. UNIT SERVICE FACTOR	100.00	88.18	70.38
20. UNIT AVAILABILITY FACTOR	100.00	88.18	70.39
21. UNIT CAP. FACTOR (USING MDC NET)	107.27	91.01	66.76
22. UNIT CAP. FACTOR (USING DER NET)	104.67	88.80	63.82
23. UNIT FORCED OUTAGE RATE	.00	.21	14.02

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 01/02/97
RUN TIME 15:57:51

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: DARRYL GARDNER
TELEPHONE (803)857-1144

December 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	732	17	733
2	733	18	733
3	732	19	732
4	732	20	733
5	733	21	734
6	733	22	727
7	733	23	733
8	733	24	733
9	734	25	733
10	734	26	732
11	734	27	733
12	734	28	732
13	733	29	733
14	733	30	732
15	733	31	732
16	733		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 1/03/97
COMPLETED BY DARRYL GARDNER
TELEPHONE (803) 857-1144

REPORT MONTH DECEMBER 1996

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 of December, with the exception of a brief downpower on December 22, 1996, to repair instrument air tubing associated with the level control for 6A Feedwater Heater.