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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 Nov 1996 for HB Robinson Steam
Electric Plant,Unit 2.W/961209 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/96-0217

DEC 09 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 November 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".

H. K. Chernoff
Supervisor - Licensing/Regulatory Programs

JSK/klb

Enclosures

c: Mr. S. D. Ebnetter, Regional Administrator, USNRC, Region II
Mr. J. Zeiler, USNRC Resident Inspector, HBRSEP

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PDR ADOCK 05000261
R PDR

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1224

Enclosure 1 to Serial: RNP-RA/96-0217
CP&L CO
RUN DATE 12/02/96
RUN TIME 15:34:42

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

PAGE 1
RPD36-000

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: NOVEMBER 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 293
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	8040.00	225768.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	7039.27	161871.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	7001.45	158677.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1654951.20	15802495.92	327935852.88
17. GROSS ELEC. ENERGY GEN. (MWH)	550420.00	5164968.00	106447625.00
18. NET ELEC. ENERGY GENERATED (MWH)	525560.00	4915002.00	100646503.00
19. UNIT SERVICE FACTOR	100.00	87.08	70.28
20. UNIT AVAILABILITY FACTOR	100.00	87.08	70.29
21. UNIT CAP. FACTOR (USING MDC NET)	106.87	89.50	66.62
22. UNIT CAP. FACTOR (USING DER NET)	104.28	87.33	63.69
23. UNIT FORCED OUTAGE RATE	.00	.23	14.08

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 12/02/96
 RUN TIME 15:34:42

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

November 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	727	17	732
2	726	18	733
3	727	19	732
4	728	20	730
5	727	21	731
6	727	22	730
7	723	23	730
8	726	24	731
9	729	25	732
10	730	26	732
11	730	27	732
12	730	28	733
13	731	29	733
14	731	30	733
15	731		
16	732		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH NOVEMBER 1996DOCKET NO. 050-0261UNIT NAME HBRSEP, UNIT NO. 2DATE 12/03/96COMPLETED BY DARRYL GARDNERTELEPHONE (803) 857-1144

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 entire month of November.