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AUTH.NAME AUTHOR AFFILIATION
WOODS,J. Carolina Power & Light Co.
PEARSON,M.P. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Dec 1993 for HB Robinson Steam
Electric Plant Unit 2.W/940114 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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Carolina Power & Light Company
Robinson Nuclear Plant
PO Box 790
Hartsville SC 29550

Robinson File: 15505
Serial: RNP/94-0046

JAN 14 1994

U. S. 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 Specification 6.9.1.4 for the H. B. Robinson Steam Electric Plant, Unit No. 2, Carolina Power and Light Company herewith submits the report of operation statistics and shutdown experience for the month of December, 1993.

Very truly yours,

Marc P. Pearson
Plant General Manager

SAB:lst
Enclosures
c: Mr. S. D. Ebnetter
Mr. W. T. Orders

210064

9401240154 931231
PDR ADOCK 05000261
R PDR

Highway 151 and SC 23 Hartsville SC

DE24 1/1

CP&L CO
DATE 1/05/94
TIME 07:56:28

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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DOCKET NO. 050-0261
COMPLETED BY: JACKIE WOODS
TELEPHONE (803)383-4524

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: DECEMBER 1993
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: NONE
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTION, IF ANY: NONE

NOTES: There are 238 assemblies and one 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 |
|---|------------------|---------------|----------------|
| HOURS IN REPORTING PERIOD | 744.00 | 8760.00 | 200208.00 |
| NUMBER OF HOURS REACTOR CRITICAL | .00 | 6191.24 | 140447.86 |
| 13. REACTOR RESERVE SHUTDOWN HRS | .00 | .00 | 3314.65 |
| 14. HOURS GENERATOR ON LINE | .00 | 6137.58 | 137471.84 |
| 5. UNIT RESERVE SHUTDOWN HOURS | .00 | .00 | 23.20 |
| 16. GROSS THERMAL ENERGY GEN. (MWH) | .00 | 13514069.52 | 280309475.04 |
| 17. GROSS ELEC. ENERGY GEN. (MWH) | .00 | 4415882.00 | 90954008.00 |
| 18. NET ELEC. ENERGY GENERATED (MWH) | -2668.00 | 4188947.00 | 85932943.00 |
| 19. UNIT SERVICE FACTOR | .00 | 70.06 | 68.66 |
| 20. UNIT AVAILABILITY FACTOR | .00 | 70.06 | 68.68 |
| 21. UNIT CAP. FACTOR (USING MDC NET) | -.53 | 70.01 | 64.32 |
| 22. UNIT CAP. FACTOR (USING DER NET) | -.51 | 68.31 | 61.32 |
| 23. UNIT FORCED OUTAGE RATE | 100.00 | 14.94 | 14.84 |
| 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: | January 21, 1994 | | |
| 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION: FORECAST | ACHIEVED | | |
| INITIAL CRITICALITY | ---- | ---- | |
| INITIAL ELECTRICITY | ---- | ---- | |
| COMMERCIAL OPERATION | ---- | ---- | |

CO
DATE 01/05/94
RUN TIME 07:56:27

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
ROBINSON UNIT 2

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DOCKET NO. 050-0261
COMPLETED BY: JACKIE WOODS
TELEPHONE (803)383-4524

DECEMBER 1993

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH DECEMBER

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 01/05/94
COMPLETED BY J. B. Woods
TELEPHONE (803) 383-4524

| No. | Date | Type ¹ | Duration (Hours) | Reason ² | Method of Shutting Down Reactor ² | Licensee Event Report # | System Code ⁴ | Component Code ⁵ | Cause & Corrective Action to Prevent Recurrence |
|-------|--------|-------------------|---------------------|---------------------|---|-------------------------------|-----------------------------|--------------------------------|---|
| 1203* | 120193 | F | 744 | B,H | 1 | | DB | FUELXX | * Continued from previous month. |

F: Forced

S: Scheduled

Reason:

Method:

Exhibit G - Instructions

A-Equipment Failure (Explain)

1-Manual

for Preparation of Data

B-Maintenance or Test

2-Manual Scram.

Entry Sheets for Licensee

C-Refueling

3-Automatic Scram.

Event Report (LER) File (NUREG-

D-Regulatory Restriction

4-Other (Explain)

0161)

E-Operator Training & License Examination

F-Administrative

⁵ Exhibit 1 - Same Source

G-Operational Error (Explain)

H-Other (Explain)