

# ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

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 FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light Co      05000261  
 AUTH. NAME      AUTHOR AFFILIATION  
 GROOMS, J.      Carolina Power & Light Co.  
 CHAMBERS, R.H.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jan 1993 for HB Robinson Steam Electric Plant Unit 2.W/930210 ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 4  
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES:

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Carolina Power & Light Company

ROBINSON NUCLEAR PLANT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29551

**FEB 1 0 1993**

Robinson File: 15505

Serial: RNP/93-0320

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 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 January, 1993.

Very truly yours,

*Timothy P. Cleary for R.H. Chambers*

R. H. Chambers  
General Manager  
H. B. Robinson S. E. Plant

AES:lst

Enclosures

cc: Mr. S. D. Ebnetter  
Mr. L. W. Garner

18-120  
9302190244 930131  
PDR ADOCK 05000261  
R PDR

*IF24*  
*11*

CP&L CO  
 RUN DATE 02/04/93  
 RUN TIME 8:34:00

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 ROBINSON UNIT 2

PAGE 1  
 RPD36-000

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

## OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: JANUARY 93
3. LICENSED THERMAL POWER (MST): 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 (NEW MWE): 683.0
8. IF CHANGES OCCUR IN CAPACITY RATING (ITEMS 3 THRU 7) SINCE LAST REPORT,  
 GIVE REASONS: N/A
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None
10. REASONS FOR RESTRICTION, IF ANY: None

NOTES: There are 196 assemblies and one assembly with 100 Rods in the Spent Fuel Pool. There are 56 assemblies in the Dry Fuel Storage and 157 in the Reactor Vessel.

|   | THIS<br>MONTH | YR TO<br>DATE | CUMUL<br>ATIVE |
|---|---------------|---------------|----------------|
| 11. HOURS IN REPORTING PERIOD   | 744.00        | 744.00        | 192192.00      |
| 12. NUMBER OF HOURS REACTOR CRITICAL  | 744.00        | 744.00        | 135000.62      |
| 13. REACTOR RESERVE SHUTDOWN HRS  | .00           | .00           | 3314.65        |
| 14. HOURS GENERATOR ON LINE   | 744.00        | 744.00        | 132078.26      |
| 15. UNIT RESERVE SHUTDOWN HOURS   | .00           | .00           | 23.20          |
| 16. GROSS THERMAL ENERGY GEN. (MWH)   | 1703974.32    | 1703974.32    | 268499379.84   |
| 17. GROSS ELEC. ENERGY GEN. (MWH)   | 571484.00     | 571484.00     | 87109610.00    |
| 18. NET ELEC. ENERGY GENERATED (MWH)  | 545738.00     | 545738.00     | 82289734.00    |
| 19. UNIT SERVICE FACTOR   | 100.00        | 100.00        | 68.72          |
| 20. UNIT AVAILABILITY FACTOR  | 100.00        | 100.00        | 68.73          |
| 21. UNIT CAP. FACTOR (USING MDC NET)  | 107.40        | 107.40        | 64.22          |
| 22. UNIT CAP. FACTOR (USING DER NET)  | 104.79        | 104.79        | 61.17          |
| 23. UNIT FORCED OUTAGE RATE   | .00           | .00           | 14.76          |
| 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: FORECAST      ACHIEVED |               |               |                |
| INITIAL CRITICALITY   | ----          | ----          |                |
| INITIAL ELECTRICITY   | ----          | ----          |                |
| COMMERCIAL OPERATION  | ----          | ----          |                |

Enclosure 2 to Serial: RNP/93-0320

Page 1 of 1

CP&L CO  
RUN DATE 02/04/93  
RUN TIME 8:33:59

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

PAGE 1  
RPD39-000

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

January 1993

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | 736                                 | 17  | 694                                 |
| 2   | 735                                 | 18  | 736                                 |
| 3   | 735                                 | 19  | 735                                 |
| 4   | 735                                 | 20  | 734                                 |
| 5   | 734                                 | 21  | 735                                 |
| 6   | 733                                 | 22  | 734                                 |
| 7   | 733                                 | 23  | 734                                 |
| 8   | 732                                 | 24  | 736                                 |
| 9   | 733                                 | 25  | 737                                 |
| 10  | 733                                 | 26  | 737                                 |
| 11  | 735                                 | 27  | 737                                 |
| 12  | 737                                 | 28  | 737                                 |
| 13  | 735                                 | 29  | 735                                 |
| 14  | 735                                 | 30  | 735                                 |
| 15  | 735                                 | 31  | 736                                 |
| 16  | 729                                 |     |                                     |

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 02/03/93  
COMPLETED BY J. W. Grooms  
TELEPHONE (803) 383-4524

| No.  | Date   | Type <sup>1</sup> | Duration<br>(Hours) | Reason <sup>2</sup> | Method of<br>Shutting<br>Down<br>Reactor <sup>2</sup> | Licensee<br>Event<br>Report # | System<br>Code <sup>4</sup> | Component<br>Code <sup>5</sup> | Cause & Corrective<br>Action to<br>Prevent Recurrence   |
|------|--------|-------------------|---------------------|---------------------|---|-------------------------------|-----------------------------|--------------------------------|---|
| 0101 | 011693 | F                 | ---                 | B                   | NA  | ---                           | TA                          | VALVEX                         | Cause of Event: Ramp down from 100% to 65% to perform monthly Turbine Valve Test, OST-551.              |
| 0102 | 011793 | S                 | ---                 | B                   | NA  | ---                           | TA                          | VALVEX                         | Cause of Event: Ramp up from 65% to 100% power after completion of monthly Turbine Valve Test, OST-551. |

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)

<sup>5</sup> Exhibit 1 - Same Source

(9/77)

93-0320