

CATEGORY 1

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AUTH.NAME: . . . AUTHOR AFFILIATION
GARDNER,D. Carolina Power & Light Co.
WILKERSON,T.M. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1998 for H.B. Robinson Steam
Electric Plant,Unit 2.W/980312 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/98-0050

MAR 12 1998

United States Nuclear Regulatory Commission
Attn: Document Control Desk
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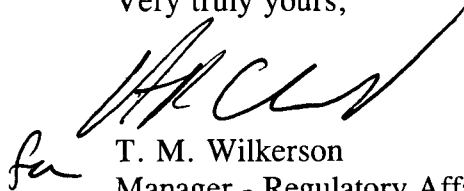
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2
DOCKET NO. 50-261/LICENSE NO. DPR-23
MONTHLY OPERATIONS REPORT

Sir or Madam:

In accordance with Technical Specifications (TS) Section 5.6.4 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 February 1998. In accordance with TS Section 5.6.4, this report is being submitted to the NRC by the 15th day of the month following the calendar month covered by the report.

If you have any questions concerning this matter, please contact Mr. H. K. Chernoff of my staff.

Very truly yours,


T. M. Wilkerson
Manager - Regulatory Affairs

ALG/alg

Attachments

c: USNRC Senior Resident Inspector, HBRSEP
Mr. L. A. Reyes, Regional Administrator, USNRC, Region II
Mr. J. W. Shea, USNRC Project Manager, HBRSEP

9803190327 980228
PDR ADOCK 05000261
R PDR



CP&L CO
 RUN DATE 03/02/98
 RUN TIME 13:37:16

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

PAGE 1 of 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: FEBRUARY 1998
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:
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION, IF ANY:

NOTES:

| | THIS MONTH | YR TO DATE | CUMUL ATIVE |
|--------------------------------------|---------------|---------------|----------------|
| 11. HOURS IN REPORTING PERIOD | 672.00 | 1416.00 | 236688.00 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 672.00 | 1416.00 | 172702.01 |
| 13. REACTOR RESERVE SHUTDOWN HRS | .00 | .00 | 3314.65 |
| 14. HOURS GENERATOR ON LINE | 672.00 | 1416.00 | 169500.73 |
| 15. UNIT RESERVE SHUTDOWN HOURS | .00 | .00 | 23.20 |
| 16. GROSS THERMAL ENERGY GEN. (MWH) | 1544854.80 | 3255282.00 | 352659325.68 |
| 17. GROSS ELEC. ENERGY GEN. (MWH) | 514136.00 | 1083846.00 | 114602022.00 |
| 18. NET ELEC. ENERGY GENERATED (MWH) | 490867.00 | 1034881.00 | 108424071.00 |
| 19. UNIT SERVICE FACTOR | 100.00 | 100.00 | 71.61 |
| 20. UNIT AVAILABILITY FACTOR | 100.00 | 100.00 | 71.62 |
| 21. UNIT CAP. FACTOR (USING MDC NET) | 106.95 | 107.01 | 68.39 |
| 22. UNIT CAP. FACTOR (USING DER NET) | 104.35 | 104.41 | 65.44 |
| 23. UNIT FORCED OUTAGE RATE | .00 | .00 | 13.34 |

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):
REFUELING OUTAGE 18, SCHEDULED TO BEGIN MARCH 7, 1998, WITH A SCHEDULED DURATION OF 35
DAYS.

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 | 9/20/70 |
| INITIAL ELECTRICITY | 9/70 |
| COMMERCIAL OPERATION | 3/7/71 |

CP&L CO
RUN DATE 03/02/98
RUN TIME 13:37:16

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

PAGE 1 of 1
RPD39-000

DOCKET NO. 050-0261
COMPLETED BY: DARRYL GARDNER
TELEPHONE (803)857-1144

FEBRUARY 1998

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: FEBRUARY 1998

DOCKET NO. 050-0261
UNIT NAME HBRSEP, UNIT NO. 2
DATE 03/02/98
COMPLETED BY DARRYL GARDNER
TELEPHONE (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

2

3

4

⁵ Exhibit 1 - Same Source

F: Forced
S: Scheduled

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)

Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

Exhibit G - Instructions
For Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File
(NUREG-0161)

SUMMARY: The unit operated at near full power the entire month.