

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 Dec 1997 for HB Robinson Steam
Electric Plant, Unit 2. W/980112 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/98-0007

JAN 12 1998

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 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 December 1997. Also, 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 me or Mr. H. K. Chernoff of my staff at (803) 857-1437.

Very truly yours,

T. M. Wilkerson
Manager - Regulatory Affairs

KLB/klb

Attachments

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

9801210243 971231
PDR ADOCK 05000261
R PDR



210046 Highway 151 and SC 23 Hartsville SC

CP&L CO
 RUN DATE 01/05/98
 RUN TIME 11:12:59

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: DECEMBER 1997
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	744.00	8760.00	235272.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	8670.10	171286.01
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	8662.95	168084.73
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1710421.68	19758221.76	349404043.68
17. GROSS ELEC. ENERGY GEN. (MWH)	569782.00	6499668.00	113518176.00
18. NET ELEC. ENERGY GENERATED (MWH)	544097.00	6197588.00	107389190.00
19. UNIT SERVICE FACTOR	100.00	98.89	71.44
20. UNIT AVAILABILITY FACTOR	100.00	98.89	71.45
21. UNIT CAP. FACTOR (USING MDC NET)	107.07	103.59	68.16
22. UNIT CAP. FACTOR (USING DER NET)	104.47	101.07	65.21
23. UNIT FORCED OUTAGE RATE	.00	1.11	13.44

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 36
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
RUN TIMEPLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
H. B. ROBINSON STEAM ELECTRIC PLANT, UNIT NO. 2PAGE 1 of 1
RPD39-000DOCKET NO. 050-0261
COMPLETED BY: DARRYL GARDNER
TELEPHONE (803)857-1144

DECEMBER 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	730	17	731
2	730	18	732
3	732	19	732
4	731	20	733
5	731	21	732
6	731	22	731
7	731	23	731
8	731	24	731
9	731	25	731
10	730	26	731
11	730	27	730
12	730	28	732
13	732	29	732
14	733	30	732
15	732	31	732
16	732		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH: DECEMBER 1997

DOCKET NO. 050-0261
 UNIT NAME HBRSEP, UNIT NO: 2
 DATE 01/06/98
 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.