

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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 FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light Co      05000261  
 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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	<u>REG FILE 01</u>	1 1	RGN2	1 1
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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  
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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

*DE 24 1/1*

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

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 ROBINSON UNIT 2

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	-----	-----	

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

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

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

DOCKET NO. 050-0261

UNIT NAME H. B. Robinson

DATE 01/05/94

COMPLETED BY J. B. Woods

TELEPHONE (803) 383-4524

REPORT MONTH DECEMBER

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

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

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

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)