

# CATEGORY 1

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261  
AUTH.NAME AUTHOR AFFILIATION  
GARDNER,D. Carolina Power & Light Co.  
CHERNOFF,H.K. Carolina Power & Light Co.  
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Oct 1996 for HB Robinson Steam  
Electric Plant,Unit 2.W/961108 ltr.

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

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	RGN2	1 1		
EXTERNAL:	LITCO BRYCE,J H	1 1	NOAC	1 1
	NRC PDR	1 1		

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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/96-0204

**NOV 08 1996**

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 6.9.1.4 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 September 1996. Also, in accordance with TS Section 6.9.1.4, this report is being submitted to the NRC by the 10th day of the month following the calendar month covered by the report.

Questions regarding this matter may be referred to me at (803) 857-1437.

Very truly yours,

H. K. Chernoff  
Supervisor - Licensing/Regulatory Programs

JSK/klb

Enclosures

c: Mr. S. D. Ebnetter, Regional Administrator, USNRC, Region II  
Mr. J. Zeiler, USNRC Resident Inspector, HBRSEP

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Enclosure 1 to Serial: RNP-RA/96-0204  
CP&L CO  
RUN DATE 11/05/96  
RUN TIME 10:26:06

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

PAGE 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: OCTOBER 96
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: N/A
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTION, IF ANY: N/A

NOTES: There are 320  
assemblies and 1 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
11. HOURS IN REPORTING PERIOD	745.00	7320.00	225048.00
12. NUMBER OF HOURS REACTOR CRITICAL	297.05	6319.27	161151.91
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	259.23	6281.45	157957.78
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	445000.32	14147544.72	326280901.68
17. GROSS ELEC. ENERGY GEN. (MWH)	146156.00	4614548.00	105897205.00
18. NET ELEC. ENERGY GENERATED (MWH)	132418.00	4389442.00	100120943.00
19. UNIT SERVICE FACTOR	34.80	85.81	70.19
20. UNIT AVAILABILITY FACTOR	34.80	85.81	70.20
21. UNIT CAP. FACTOR (USING MDC NET)	26.02	87.80	66.49
22. UNIT CAP. FACTOR (USING DER NET)	25.39	85.66	63.56
23. UNIT FORCED OUTAGE RATE	5.87	.26	14.13

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:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY  
INITIAL ELECTRICITY  
COMMERCIAL OPERATION

----- 9/20/70  
----- 9/70  
----- 3/7/71

CP&L CO  
RUN DATE 11/05/96  
RUN TIME 10:26:05

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

PAGE 1  
RPD39-000

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

October 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-1	17	-24
2	0	18	-25
3	-1	19	-25
4	-1	20	-22
5	-2	21	75
6	-3	22	217
7	-2	23	422
8	-2	24	494
9	-2	25	541
10	-4	26	598
11	-9	27	647
12	-8	28	570
13	-9	29	688
14	-24	30	725
15	-24	31	725
16	-22		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH OCTOBER 96

DOCKET NO. 050-0261  
 UNIT NAME HBRSEP, UNIT NO. 2  
 DATE 11/05/96  
 COMPLETED BY DARRYL GARDNER  
 TELEPHONE (803) 857-1144

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
1001	961001	S	468.6	C					Continuation of scheduled shutdown for RO 17.
1002	961020	F	16.2	A	3		HH	INSTRU	Trip due to failure of manual/auto controller for "B" Feedwater Regulating Valve.
1003	961021	S	1.0	B	4		ZZ	ZZZZZZ	Unit taken off line to perform Turbine overspeed trip test. Reactor remained critical for test.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions  
 For Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File  
 (NUREG-0161)

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

SUMMARY: The unit began the period off line for RO 17. Unit returned to power on 10/20/96. An automatic scram occurred on 10/20/96 on high steam generator level due to problems with the controller associated with "B" Feedwater Regulating Valve. Unit returned to power on 10/21/96. The unit was then taken off line to perform a required turbine overspeed trip test on 10/21/96. Unit again returned to power on 10/21/96. Power ascension to 100% was completed 10/30/96.