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

SUBJECT: Monthly operating rept for Aug 1993 for HB Robinson Steam  
 Electric Plant,Unit 2.W/930913 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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Carolina Power & Light Company

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

SEP 13 1993

Robinson File: 15505

Serial: RNP/93-2197


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 August, 1993.

Very truly yours,

  
William J. Flanagan, Jr.  
Acting Plant General Manager  
H. B. Robinson S. E. Plant

SAB:lst

Enclosures

cc: Mr. S. D. Ebnetter  
Mr. W. T. Orders

9309170234 930831  
PDR ADDCK 05000261  
R PDR



*Handwritten signature/initials*

CP&L CO  
RUN DATE 09/03/93  
RUN TIME 06:35:09

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
ROBINSON UNIT 2

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

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: AUGUST 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

NOTES: There are 182 assemblies and one assembly with 100 Rods in the Spent Fuel Pool. There are 56 assemblies in the Dry Fuel Storage, 157 in the Reactor Vessel, and 56 assemblies in the New Fuel Racks.

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): NONE
10. REASONS FOR RESTRICTION, IF ANY: NONE

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	197279.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5831.00	140087.62
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	5831.00	137165.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1705359.84	12917771.52	279713177.04
17. GROSS ELEC. ENERGY GEN. (MWH)	543085.00	4229211.00	90767337.00
18. NET ELEC. ENERGY GENERATED (MWH)	517104.00	4028669.00	85772665.00
19. UNIT SERVICE FACTOR	100.00	100.00	69.53
20. UNIT AVAILABILITY FACTOR	100.00	100.00	69.54
21. UNIT CAP. FACTOR (USING MDC NET)	101.76	101.16	65.17
22. UNIT CAP. FACTOR (USING DER NET)	99.29	98.70	62.11
23. UNIT FORCED OUTAGE RATE	.00	.00	14.29
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH): Refueling Outage 15 is scheduled to start 9/11/93 with a duration of 53 days. Unit scheduled online 11/3/93.			
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/93-2197  
Page 1 of 1

CP&L CO  
RUN DATE 09/03/93  
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PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
ROBINSON UNIT 2

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RPD39-000

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

AUGUST 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	695	17	699
2	696	18	696
3	699	19	693
4	700	20	695
5	700	21	695
6	699	22	694
7	678	23	695
8	682	24	696
9	699	25	695
10	700	26	693
11	700	27	693
12	700	28	693
13	701	29	693
14	688	30	692
15	698	31	691
16	699		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH AUGUST

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 09/03/93  
COMPLETED BY J. W. Grooms  
TELEPHONE (803) 383-4524

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
0801	080793	F	---	B	NA	---	TA	VALVEX	Cause of Event: Ramp down from 100% to 65% power to perform Monthly Turbine Valve Test, OST-551.
0802	080893	S	---	B	NA	---	TA	VALVEX	Cause of Event: Ramp up from 65% to 100% power after Monthly Turbine Valve Test, OST-551.
0803	081493	F	---	G (*)	NA	93-011	IG	INSTRU	Cause of Event: Turbine runback to 70% power due to Operator error while performing OST-005.  * During the performance of OST-005 on NI-41, Operator took the "Dropped Rod Mode Selector Switch" to "Normal" by mistake while testing the Dropped Rod Protection on NI-41. After stabilizing power at 70%, Unit started ramp back to full power.

<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

(9/77)

93-2197