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AUTH. NAME AUTHOR AFFILIATION
GROOMS, J. Carolina Power & Light Co.
PEARSON, M.P. Carolina Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1993 for HB Robinson Steam
Electric Plant Unit 2.W/931010 ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PLANT
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OCT 10 1993

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U. S. Nuclear Regulatory Commission
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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 September, 1993.

Very truly yours,

Marc P. Pearson
Plant General Manager
H. B. Robinson S. E. Plant

SAB:lst

Enclosures

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

200026

9310200316 930730
PDR ADOCK 05000261
R PDR

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11

CP&L CO
 RUN DATE 10/04/93
 RUN TIME 16:38:24

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: SEPTEMBER 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 395 assemblies and one assembly with 100 Rods in the Spent Fuel Pool. There are 56 assemblies in the Dry Fuel Storage.

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	720.00	6551.00	197999.00
12. NUMBER OF HOURS REACTOR CRITICAL	242.33	6073.33	140329.95
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	241.13	6072.13	137406.39
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	549819.60	13467591.12	280262996.64
17. GROSS ELEC. ENERGY GEN. (MWH)	175210.00	4404421.00	90942547.00
18. NET ELEC. ENERGY GENERATED (MWH)	163908.00	4192577.00	85936573.00
19. UNIT SERVICE FACTOR	33.49	92.69	69.40
20. UNIT AVAILABILITY FACTOR	33.49	92.69	69.41
21. UNIT CAP. FACTOR (USING MDC NET)	33.33	93.70	65.05
22. UNIT CAP. FACTOR (USING DER NET)	32.52	91.43	62.00
23. UNIT FORCED OUTAGE RATE	.00	.00	14.27

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: 11/6/93
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION: FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

CP&L CO
RUN DATE 10/04/93
RUN TIME 16:38:24

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

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

SEPTEMBER 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	692	17	-2
2	694	18	-3
3	695	19	-3
4	696	20	-3
5	697	21	-3
6	696	22	-3
7	696	23	-3
8	697	24	-3
9	697	25	-2
10	686	26	-3
11	-20	27	-3
12	-22	28	-2
13	-13	29	-2
14	-11	30	-2
15	-8		
16	-7		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH SEPTEMBER

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 10/05/93
COMPLETED BY J. W. Grooms
TELEPHONE (803) 383-4524

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ²	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
0901	091093	F	---	C	1	---	ZZ	ZZZZZZ	Cause of Event: Ramp down from full power to offline to start RFO-15.
NA	091193	S	478.87	C	1	---	ZZ	ZZZZZZ	Planned shutdown to 0% power. Offline for cycle #15 refueling. This outage will continue into October.

¹
F: Forced
S: Scheduled

²
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)

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

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

⁵ Exhibit 1 - Same Source