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 FACIL:50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261
 AUTH.NAME AUTHOR AFFILIATION
 HAYNESWORTH,V. Carolina Power & Light Co.
 MORGAN,R.E. Carolina Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1990 for HB Robinson Steam Electric Plant.W/900810 ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550

AUG. 1 0 1990

Robinson File: 15505

Serial: RNP/90-2369

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.c 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 July, 1990.

Very truly yours,

R. E. Morgan
General Manager
H. B. Robinson S. E. Plant

JBW:dwm

Enclosure

cc: S. D. Ebnetter
L. W. Garner

9008140401 900731
PDR ADCK 05000261
R PDC

TF24
111

CP&L CO
RUN DATE 08/02/90
RUN TIME 13:31:28

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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DOCKET NO. 050-0261
COMPLETED BY V.F. HAYNESWORTH
TELEPHONE (803)383-4524

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2	NOTES There are presently 310	
2. REPORTING PERIOD: JULY 90	fuel assemblies in the Spent Fuel	
3. LICENSED THERMAL POWER (MWT): 2300	Pool, 56 fuel assemblies in the	
4. NAMEPLATE RATING (GROSS MWE): 739.0	Horizontal Storage Modules and	
5. DESIGN ELECTRICAL RATING (NET MWE): 700.0	48 fuel assemblies in the New	
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0	Fuel Building.	
7. MAX DEPENDABLE CAPACITY (NET MWE): 665.0	-----	-----
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: N/A		

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): 100%
10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5087.00	170231.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	4760.49	120344.10
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	4702.80	117558.87
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1518154.56	8822174.40	236593978.56
17. GROSS ELEC. ENERGY GEN. (MWH)	483345.00	2885041.00	76598735.00
18. NET ELEC. ENERGY GENERATED (MWH)	458438.00	2729305.00	72313542.00
19. UNIT SERVICE FACTOR	100.00	92.45	69.06
20. UNIT AVAILABILITY FACTOR	100.00	92.45	69.07
21. UNIT CAP. FACTOR (USING MDC NET)	92.66	80.68	63.88
22. UNIT CAP. FACTOR (USING DER NET)	88.03	76.65	60.69
23. UNIT FORCED OUTAGE RATE	.00	2.02	15.72

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
Refueling/Maintenance, September 8, 1990 15 weeks

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

CP&L CO
RUN DATE 08/02/90
RUN TIME 13:34:26

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

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DOCKET NO. 050-0261
COMPLETED BY V.F. HAYNESWORTH
TELEPHONE (803)383-4524

JULY 1990

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	398	17	702
2	398	18	699
3	399	19	697
4	400	20	691
5	400	21	523
6	528	22	695
7	606	23	695
8	606	24	691
9	608	25	693
10	608	26	697
11	610	27	699
12	611	28	703
13	613	29	700
14	635	30	698
15	700	31	698
16	702		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH July

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 08/03/90
 COMPLETED BY J. B. Woods
 TELEPHONE (803) 383-4524

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
0701	900720	F	2.72	B	1	-----	CC	Valvex	Cause: Ramp down to 60% reactor power to perform OST-551 and repair steam valve, MS-78. Corrective Action: Return to full power after completion of OST-551, monthly turbine valve test, and repair of MS-78.
0702	900721	S	2.50	B	1	-----	CC	Valvex	Ramp up from 65% to full power. OST-551 and repair of MS-78 complete.

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 I - Same Source

(9/77)