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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 May 1990 for HB Robinson Steam
 Electric Plant, Unit 2.W/900612 Ltr.

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Carolina Power & Light Company

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

JUN. 12 1990

Robinson File: 15505

Serial: RNP/90-1812

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 May, 1990.

Very truly yours,

R. E. Morgan
General Manager

H. B. Robinson S. E. Plant

VFH:sgk

Enclosure

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

9006190108 900531
PDR ADCK 05000261
R FDC

IK2A
11

CP&L CO
RUN DATE 06/04/90
RUN TIME 12:16:59

UNIT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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RPD36-000

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Page 1 of 4

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: MAY 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 48 | |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 700.0 | fuel assemblies in the new Fuel | |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0 | 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): 60%
10. REASONS FOR RESTRICTION IF ANY: Power is limited to 60% per load management directives (Fuel conservation) in preparation for a scheduled fall refueling outage.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	3623.00	168767.00
12. NUMBER OF HOURS REACTOR CRITICAL	425.83	3296.49	118880.10
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	415.50	3284.88	116140.95
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	782862.96	6208040.40	233979844.56
17. GROSS ELEC. ENERGY GEN. (MWH)	254190.00	2056094.00	75769788.00
18. NET ELEC. ENERGY GENERATED (MWH)	235562.00	1946743.00	71530980.00
19. UNIT SERVICE FACTOR	55.85	90.67	68.82
20. UNIT AVAILABILITY FACTOR	55.85	90.67	68.83
21. UNIT CAP. FACTOR (USING MDC NET)	47.61	80.80	63.74
22. UNIT CAP. FACTOR (USING DER NET)	45.23	76.76	60.55
23. UNIT FORCED OUTAGE RATE	17.35	2.86	15.89
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 06/04/90
RUN TIME 12:16:53

INTEGRANT 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

MAY 1990

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	721	17	167
2	718	18	-19
3	722	19	-22
4	663	20	0
5	-25	21	658
6	-25	22	721
7	-11	23	721
8	-9	24	721
9	-9	25	722
10	-9	26	464
11	-9	27	419
12	-9	28	407
13	-10	29	408
14	-23	30	406
15	349	31	407
16	603		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 06/04/90
COMPLETED BY V. F. Haynesworth
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
0501	900504	S	241.25	B	1	- - -	EA	TRANSF	The unit was taken offline to perform maintenance on the Main and Auxiliary Transformers. While offline, additional repairs were made on the main feed, heater drain, and service water pumps, and the unit returned to full power.

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)

(9/77)

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH MAY

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 06/04/90
COMPLETED BY V. F. Haynesworth
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
0502	900517	F	87.25	A	3	90-008	CH	VALVEX	The unit was forced off-line due to a problem with "B" Main Feedwater Regulating Valve. The investigation of the Feedwater Regulating Valve revealed a stem to plug separation. Loss of the plug resulted in a low level steam generator trip.

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(9/77)