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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 March 1993 for Robinson Unit 2.
W/930412 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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Carolina Power & Light Company

ROBINSON NUCLEAR PLANT
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APR 12 1993

Robinson File: 15505

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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 March, 1993.

Very truly yours,


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

SAB:lst

Enclosures

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

9304160185 930331
PDR ADOCK 05000261
R PDR

DEAN 11

CP&L CO
RUN DATE 04/05/93
RUN TIME 13:17:06

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: MARCH 93
3. LICENSED THERMAL POWER (MST): 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 (NEW MWE): 683.0
8. IF CHANGES OCCUR IN CAPACITY RATING (ITEMS 3 THRU 7) SINCE LAST REPORT,
GIVE REASONS: None
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None
10. REASONS FOR RESTRICTION, IF ANY: 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 and 157 in the Reactor Vessel.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	193608.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	2160.00	136416.62
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	744.00	2160.00	133494.26
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1699685.28	4941487.44	271736892.96
17. GROSS ELEC. ENERGY GEN. (MWH)	567796.00	1654760.00	88192886.00
18. NET ELEC. ENERGY GENERATED (MWH)	542107.00	1580091.00	83324087.00
19. UNIT SERVICE FACTOR	100.00	100.00	68.95
20. UNIT AVAILABILITY FACTOR	100.00	100.00	68.96
21. UNIT CAP. FACTOR (USING MDC NET)	106.68	107.10	64.54
22. UNIT CAP. FACTOR (USING DER NET)	104.09	104.50	61.48
23. UNIT FORCED OUTAGE RATE	.00	.00	14.63
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE DATE AND DURATION OF EACH):	Refueling outage is scheduled to start 09/11/93 with duration of fifty-three (53) days. Unit scheduled on line 11/04/93.		
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	----	----	

CP&L CO
RUN DATE 04/05/93
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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

January 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	735	17	733
2	735	18	734
3	735	19	734
4	734	20	734
5	734	21	734
6	605	22	733
7	732	23	735
8	734	24	734
9	732	25	731
10	732	26	730
11	732	27	731
12	730	28	731
13	732	29	730
14	735	30	729
15	735	31	729
16	735		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH March

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 04/05/93
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
0301	030693	F	---	B	NA	---	TA	VALVEX	Cause of Event: Ramp down from 100% power to 80% for MST-003, then to 65% power for Monthly Turbine Valve Test, OST-551.
0302	030693	S	---	B	NA	---	TA	VALVEX	Cause of Event: Ramp back from 65% power to 100% power after completion of MST-003, and Monthly Turbine Valve Test, OST-551.

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

(9/77)

93-0810