



Carolina Power & Light Company

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

APR 10 1991

Robinson File: 15505

Serial: RNP/91-0830

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 March, 1991.

Very truly yours,

J. J. Sheppard
General Manager

H. B. Robinson S. E. Plant

JBW:td

Enclosure

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

9104160364 910331
PDR ADOCK 05000261
R PDR

IE24
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CP&L CO
RUN DATE 04/03/91
RUN TIME 12:42:05

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

PAGE 1
RPD36-000

DOCKET NO. 050-0261
COMPLETED BY JACQUELINE WOODS
TELEPHONE (803)383-4524

OPERATING STATUS

- | | | |
|---|------------|--------------------------|
| 1. UNIT NAME: ROBINSON UNIT 2 | NOTES | There are 543 assemblies |
| 2. REPORTING PERIOD: MARCH 91 | on-site. | 330 are in the Spent |
| 3. LICENSED THERMAL POWER (MWT): 2300 | Fuel Pit, | 157 in the Reactor |
| 4. NAMEPLATE RATING (GROSS MWE): 739.0 | Vessel and | 56 in the Dry Fuel |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 700.0 | Storage. | |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0 | | |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 665.0 | | |
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: None

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
10. REASONS FOR RESTRICTION IF ANY: None

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2160.00	176064.00
12. NUMBER OF HOURS REACTOR CRITICAL	593.42	593.42	121851.67
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	538.95	538.95	119011.52
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1063389.36	1063389.36	239596858.56
17. GROSS ELEC. ENERGY GEN. (MWH)	352614.00	352614.00	77572549.00
18. NET ELEC. ENERGY GENERATED (MWH)	330742.00	325954.00	73223432.00
19. UNIT SERVICE FACTOR	72.44	24.95	67.60
20. UNIT AVAILABILITY FACTOR	72.44	24.95	67.61
21. UNIT CAP. FACTOR (USING MDC NET)	66.85	22.69	62.54
22. UNIT CAP. FACTOR (USING DER NET)	63.51	21.56	59.41
23. UNIT FORCED OUTAGE RATE	.00	.00	15.56
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: N/A
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED
- | | | |
|----------------------|-------|-------|
| INITIAL CRITICALITY | ----- | ----- |
| INITIAL ELECTRICITY | ----- | ----- |
| COMMERCIAL OPERATION | ----- | ----- |

CP&L CO
RUN DATE 04/03/91
RUN TIME 12:42:04

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

DOCKET NO. 050-0261
COMPLETED BY JACQUELINE WOODS
TELEPHONE (803)383-4524

MARCH		1991	
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-11	17	731
2	-22	18	734
3	-21	19	734
4	-19	20	732
5	-20	21	732
6	-21	22	731
7	-22	23	729
8	-23	24	730
9	64	25	732
10	170	26	731
11	158	27	732
12	280	28	730
13	512	29	729
14	519	30	728
15	611	31	728
16	664		

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 04/04/91
 COMPLETED BY J. B. Woods
 TELEPHONE (803) 383-4524

REPORT MONTH March

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
0901*	030191	S	205.05	C	1	- - -	ZZ	ZZZZZZ	Continuation of Cycle #13 Refueling Outage.
0301	030991	S		B	1	- - -	ZZ	ZZZZZZ	Unit on-line, ramping up for Physics testing, followed by ramp off-line to perform OST-553.
0302	031191	S		B	1	- - -	ZZ	ZZZZZZ	Unit back on-line after completion of OST-553, and ramping up for Physics test.

* Continuation from Refueling Outage.

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