

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

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FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light Co 05000261  
AUTH. NAME AUTHOR AFFILIATION  
GROOM, J. Carolina Power & Light Co.  
SHEPPARD, J.J. Carolina Power & Light Co.  
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Apr 1991 for HB Robinson Unit 2.  
W/910509 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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Carolina Power & Light Company

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

MAY 09 1991

Robinson File: 15505

Serial: RNP/91-1131

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 April, 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

9105130280 910430  
PDR ADOCK 05000261  
R PDR

IE24  
11

CP&L CO.  
 RUN DATE 05/03/91  
 RUN TIME 13:58:02

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 ROBINSON UNIT 2

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

## OPERATING STATUS

- |   |                                |
|---|--------------------------------|
| 1. UNIT NAME: ROBINSON UNIT 2   | NOTES There are 543 assemblies |
| 2. REPORTING PERIOD: APRIL 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,<br>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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	176783.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	1312.42	122570.67
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	719.00	1257.95	119730.52
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1638286.32	2701675.68	241235144.88
17. GROSS ELEC. ENERGY GEN. (MWH)	546060.00	898674.00	78118609.00
18. NET ELEC. ENERGY GENERATED (MWH)	521138.00	847092.00	73744570.00
19. UNIT SERVICE FACTOR	100.00	43.69	67.73
20. UNIT AVAILABILITY FACTOR	100.00	43.69	67.74
21. UNIT CAP. FACTOR (USING MDC NET)	108.99	44.25	62.73
22. UNIT CAP. FACTOR (USING DER NET)	103.54	42.03	59.59
23. UNIT FORCED OUTAGE RATE	.00	.00	15.48
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 05/03/91  
RUN TIME 13:58:00

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

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RPD39-000

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

APRIL 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	731	17	726
2	731	18	726
3	728	19	725
4	729	20	726
5	732	21	727
6	731	22	730
7	730	23	730
8	732	24	730
9	734	25	729
10	730	26	730
11	728	27	730
12	729	28	729
13	724	29	730
14	608	30	728
15	725		
16	726		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 050-0261  
 UNIT NAME H. B. Robinson  
 DATE 05/06/91  
 COMPLETED BY J. W. Grooms  
 TELEPHONE (803) 383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
0401	041391	F	3.24	B	1	- - -	HA	VALVEX	Ramp down to 65% power to perform OST-551, Monthly Turbine Valve Test.
0402	041491	S	0.1	B	1	- - -	HA	VALVEX	Ramp up from 65% to 100% power after completion of Monthly Turbine Valve Test.

<sup>1</sup>  
 F: Forced  
 S: Scheduled

<sup>2</sup>  
 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)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

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

<sup>5</sup>  
 Exhibit I - Same Source