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 AUTH. NAME AUTHOR AFFILIATION  
 WOODS, J. Carolina Power & Light Co.  
 SHEPPARD, J.J. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Feb 1991 for HB Robinson Unit 2.  
 W/910308 ltr.

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ROBINSON NUCLEAR PROJECT DEPARTMENT  
POST OFFICE BOX 790  
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MAR 08 1991

Robinson File: 15505

Serial: RNPDP/91-0579

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.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 February, 1991.

Very truly yours,

*M. J. Sheppard for*

J. J. Sheppard  
General Manager  
H. B. Robinson S. E. Plant

JBW:td

Enclosure

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

9103140256 910228  
PDR ADOCK 05000261  
R PDR

*IE24*  
*11*

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

OPERATING STATUS

- |   |                                 |
|---|---------------------------------|
| 1. UNIT NAME: ROBINSON UNIT 2   | NOTES                           |
| 2. REPORTING PERIOD: FEBRUARY 91  |                                 |
| 3. LICENSED THERMAL POWER (MWT): 2300   | There are 543 assemblies on     |
| 4. NAMEPLATE RATING (GROSS MWE): 739.0  | site. 330 are in the Spent Fuel |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 700.0  | Pit, 157 in the Reactor Vessel  |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 700.0   | and 56 in the Dry Fuel Storage. |
| 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): 0
10. REASONS FOR RESTRICTION IF ANY: Unit shutdown for Refueling

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	672.00	1416.00	175320.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	.00	121258.25
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	.00	.00	118472.57
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	.00	238533469.20
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	.00	77219935.00
18. NET ELEC. ENERGY GENERATED (MWH)	-2063.00	-4788.00	72892690.00
19. UNIT SERVICE FACTOR	.00	.00	67.58
20. UNIT AVAILABILITY FACTOR	.00	.00	67.59
21. UNIT CAP. FACTOR (USING MDC NET)	-.46	-.51	62.52
22. UNIT CAP. FACTOR (USING DER NET)	-.44	-.48	59.40
23. UNIT FORCED OUTAGE RATE	.00	.00	15.62
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: March 9, 1991
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	-----	-----
INITIAL ELECTRICITY	-----	-----
COMMERCIAL OPERATION	-----	-----

CP&L CO  
RUN DATE 03/04/91  
RUN TIME 13:58:02

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 WOODS  
TELEPHONE (803)383-4524

FEBRUARY 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-7	17	-2
2	-3	18	-2
3	-3	19	-2
4	-2	20	-2
5	-3	21	-2
6	-2	22	-2
7	-2	23	-2
8	-2	24	-2
9	-2	25	-2
10	-2	26	-3
11	-4	27	-7
12	-5	28	-9
13	-2		
14	-2		
15	-2		
16	-3		

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH FebruaryDOCKET NO. 050-0261UNIT NAME H. B. RobinsonDATE 03/04/91COMPLETED BY J. B. WoodsTELEPHONE (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
0901 *	02/01/91	S	672	C	1	- - -	ZZ	ZZZZZZ	Continuation of Cycle # 13 Refueling Outage. This outage continued into March.
* Continued from previous month.									

<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