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

SUBJECT: Monthly operating rept for Nov 1990 for HB Robinson Steam
 Electric Plant.W/901210 ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT
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DEC. 1 0 1990

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.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 November, 1990.

Very truly yours,

J. J. Sheppard
General Manager

H. B. Robinson S. E. Plant

JBW:dwm

Enclosure

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

9012260180 901130
PDR ADOCK 05000261
R PDR

1/1
IE24

CR&L CO

RUN DATE 12/04/90

RUN TIME 11:48:17

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
2. REPORTING PERIOD: NOVEMBER 90
3. LICENSED THERMAL POWER (MWT): 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 (NET MWE): 665.0
8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: N/A

* NOTES There are 571 assemblies
 * on site. 14 of the assemblies are
 * in the Spent Fuel Shipping Cask,
 * 501 are in the Spent Fuel Pit, and
 * 56 are in the Horizontal Storage
 * Modules.

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): 0
10. REASONS FOR RESTRICTION IF ANY: Unit shutdown for Refueling Outage.

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8016.00	173160.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	5674.64	121258.25
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	.00	5616.50	118472.57
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	10761665.04	238533469.20
17. GROSS ELEC. ENERGY GEN. (MWH)	.00	3506241.00	77219935.00
18. NET ELEC. ENERGY GENERATED (MWH)	-909.00	3314386.00	72898623.00
19. UNIT SERVICE FACTOR	.00	70.07	68.42
20. UNIT AVAILABILITY FACTOR	.00	70.07	68.43
21. UNIT CAP. FACTOR (USING MDC NET)	-.19	62.18	63.31
22. UNIT CAP. FACTOR (USING DER NET)	-.18	59.07	60.14
23. UNIT FORCED OUTAGE RATE	.00	1.69	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: 1/15/91
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

CP&L CO.
RUN DATE 12/04/90
RUN TIME 11:46:50

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

PAGE 1
RPD39-000

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

NOVEMBER 1990

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 12/04/90
 COMPLETED BY J. B. Woods
 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
0901*	11/01/90	S	720	C	1	---	22	222222	Continuation of Cycle #13 Refueling Outage.
									*Continued from previous month

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