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AUTH.NAME AUTHOR AFFILIATION
GROOMS,J. Carolina Power & Light Co.
CHAMBERS,R.H. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: ~~Monthly~~ operating rept for Nov 1991 for HB Robinson Unit 2.
w/911210 ltr.

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT
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DEC 10 1991

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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, 1991.

Very truly yours,

R. H. Chambers
General Manager
H. B. Robinson S. E. Plant

SAB:dwm

Enclosure

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

9112170007 911130
PDR ADOCK 05000261
R PDR

IE24
11

CP&L.CO

RUN DATE 12/05/91

RUN TIME 08:15:53

PLANT PERFORMANCE DATA SYSTEM

OPERATING DATA REPORT

ROBINSON UNIT 2

PAGE 1

RPD36-000

DOCKET NO. 050-0261

COMPLETED BY JACKIE GROOMS

TELEPHONE (803)383-4524

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
 2. REPORTING PERIOD: NOVEMBER 91
 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): 683.0
 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: N/A

 3 NOTES There are 473 assemblies 3
 3 onsite. 260 are in the Spent 3
 3 Fuel Pit. Zero are in the Spent 3
 3 Fuel Shipping Cask, 157 are in 3
 3 the Reactor Vessel, and 56 are 3
 3 in the Dry Fuel Storage. 3

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): N/A
 10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	720.00	8016.00	181920.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	6387.01	127645.26
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	720.00	6304.63	124777.20
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1556192.88	13652577.36	252186046.56
17. GROSS ELEC. ENERGY GEN. (MWH)	518821.00	4471492.00	81691427.00
18. NET ELEC. ENERGY GENERATED (MWH)	494562.00	4246416.00	77143894.00
19. UNIT SERVICE FACTOR	100.00	78.65	68.59
20. UNIT AVAILABILITY FACTOR	100.00	78.65	68.60
21. UNIT CAP. FACTOR (USING MDC NET)	100.57	77.56	63.69
22. UNIT CAP. FACTOR (USING DER NET)	98.13	75.68	60.58
23. UNIT FORCED OUTAGE RATE	.00	1.41	15.00
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			
Refueling outage is scheduled to begin 3/28/92 with a duration of 75 days. Unit is expected back on-line 6/10/92.			

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP:
 26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

CP&L CO

PLANT PERFORMANCE DATA SYSTEM

PAGE 1

RUN DATE 12/05/91

APPENDIX B - AVERAGE DAILY POWER LEVEL

RPD39-000

RUN TIME 08:15:52

ROBINSON UNIT 2

DOCKET NO. 050-0261
COMPLETED BY JACKIE GROOMS
TELEPHONE (803) 383-4524

NOVEMBER 1991

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	728	17	735
2	728	18	735
3	729	19	736
4	730	20	736
5	732	21	735
6	732	22	718
7	733	23	420
8	734	24	423
9	736	25	451
10	738	26	447
11	738	27	537
12	738	28	727
13	736	29	732
14	737	30	734
15	737		
16	736		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 12/04/91
COMPLETED BY J. W. Grooms
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
1201	112291	F		B	1	-----	HH	Pump XX	Cause of Event: Ramped down from full power to 60% for "B" Condensate Pump replacement. Corrective Action: Install and test rebuilt pump, then ramp back to full power.
1202	112491	F		B	1	-----	HH	Motor X	Cause of Event: Maintaining 62% power pending repair and return of "B" Condensate Pump motor. Corrective Action: Repair and return "B" Condensate Pump motor to RNPD. Reassemble and test pump/motor. Return unit to full power upon satisfactory test results.

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH November

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 12/04/91
COMPLETED BY J. W. Grooms
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
1203	112791	S		B	1	-----		Pump XX	Ramped up to full power and load after "B" Condensate Pump was returned to service.

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)

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Method:
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(9/77)