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MORGAN,R.E. Carolina Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: ~~Monthly~~ operating rept for Dec 1989 for HB Robinson Unit 2.
W/900109 ltr.

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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 December 1989.

Very truly yours,

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

VFH:jch

Enclosure

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

9001220006 891231
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PLANT PERFORMANCE DATA SYS
OPERATING DATA REPORT
ROBINSON UNIT 2

Enclosure to Serial: RNPD/90-0033
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DOCKET NO. 050-0261
COMPLETED BY V.F. HAYNESWORTH
TELEPHONE (803)383-4524

OPERATING STATUS

1. UNIT NAME: ROBINSON UNIT 2
2. REPORTING PERIOD: DECEMBER 89
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

NOTES There are presently 310 fuel assemblies in the Spent Fuel Pool and 56 fuel assemblies in the Horizontal Storage Modules.

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): None
10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	8760.00	165144.00
12. NUMBER OF HOURS REACTOR CRITICAL	237.80	4262.04	115583.61
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	201.75	4109.71	112856.07
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	406895.76	9062255.76	227771804.16
17. GROSS ELEC. ENERGY GEN. (MWH)	135864.00	2948972.00	73713694.00
18. NET ELEC. ENERGY GENERATED (MWH)	125121.00	2778551.00	69584237.00
19. UNIT SERVICE FACTOR	27.12	46.91	68.34
20. UNIT AVAILABILITY FACTOR	27.12	46.91	68.35
21. UNIT CAP. FACTOR (USING MDC NET)	25.29	47.70	63.36
22. UNIT CAP. FACTOR (USING DER NET)	24.02	45.31	60.19
23. UNIT FORCED OUTAGE RATE	72.88	44.68	16.21

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:
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

	FORECAST	ACHIEVED
INITIAL CRITICALITY	---	---
INITIAL ELECTRICITY	---	---
COMMERCIAL OPERATION	---	---

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DOCKET NO. 050-0261
COMPLETED BY V.F. HAYNESWORTH
TELEPHONE (803)383-4524

DECEMBER 1989

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-4	17	-5
2	-4	18	-11
3	-4	19	-22
4	-4	20	-19
5	-4	21	-21
6	-4	22	-22
7	-4	23	51
8	-4	24	426
9	-4	25	633
10	-4	26	632
11	-3	27	669
12	-4	28	738
13	-4	29	740
14	-4	30	742
15	-4	31	745
16	-5		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH December

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 01/03/90
COMPLETED BY V. F. Haynesworth
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
0801*	890822	F	542.25	D	1	89-010	WG	PIPEXX	The unit was forced offline due to a 24-hour LCO involving the Auxiliary Feedwater System. The outage was extended into December to resolve an Electrical Distribution System problem. After repairs and modifications, the unit was returned to service on 12/23/89. * 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

(9/77)