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

SUBJECT: Monthly operating rept for Aug 1989 for HB Robinson Steam
Electric Plant, Unit 2.W/890912 ltr.

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Carolina Power & Light Company

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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 Specifications 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 August, 1989.

Very truly yours,

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

VFH:lht

Enclosure

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

8909210070 890831
PDR ADDCK 05000261
R PDC

IE24
11

CP&L CO
RUN DATE 09/05/89
RUN TIME 13:34:46

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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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	NOTES	There are presently	
2. REPORTING PERIOD: AUGUST 89		310 fuel assemblies in the Spent	
3. LICENSED THERMAL POWER (MWT): 2300		Fuel Pool and 56 fuel assemblies	
4. NAMEPLATE RATING (GROSS MWE): 739.0		in the Horizontal Storage Modules.	
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			

9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None
10. REASONS FOR RESTRICTION IF ANY: N/A

	THIS MONTH	YR TO DATE	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	162215.00
12. NUMBER OF HOURS REACTOR CRITICAL	506.33	4024.24	115345.81
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	505.77	3907.96	112654.32
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1153829.04	8655360.00	227364908.40
17. GROSS ELEC. ENERGY GEN. (MWH)	369839.00	2813108.00	73577830.00
18. NET ELEC. ENERGY GENERATED (MWH)	350695.00	2661893.00	69467579.00
19. UNIT SERVICE FACTOR	67.98	67.02	69.45
20. UNIT AVAILABILITY FACTOR	67.98	67.02	69.46
21. UNIT CAP. FACTOR (USING MDC NET)	70.88	68.65	64.40
22. UNIT CAP. FACTOR (USING DER NET)	67.34	65.22	61.18
23. UNIT FORCED OUTAGE RATE	32.02	13.16	14.50
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: 10/14/89
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

CP&L CO
RUN DATE: 09/05/89
RUN TIME: 13:34:45

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

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Page 2 of 3

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

AUGUST 1989

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	697	17	705
2	695	18	703
3	697	19	698
4	697	20	643
5	695	21	705
6	694	22	4
7	693	23	-16
8	694	24	-6
9	701	25	-4
10	706	26	-4
11	708	27	-4
12	708	28	-4
13	706	29	-4
14	707	30	-4
15	705	31	-4
16	703		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 09/05/89
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	238.23	D	1	89-010	WG	PIPEXX	The unit was forced offline due to a 24-hour LCO involving the Auxiliary Feedwater System. This outage is extended into September to resolve a design basis issue concerning the net positive suction head for the Auxiliary Feedwater Pumps.

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)