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

SUBJECT: Monthly operating rept for Feb 1989 for H. B. Robinson Steam Electric Plant. W/890310 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

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	NUDOCS-ABSTRACT	1 1	REG FILE 01	1 1
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CP&L CO
RUN DATE 03/03/89
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PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

PAGE 1
RPD36-000

Enclosure to Serial: RNP/89-0941

Page 1 of 4

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 366	
2. REPORTING PERIOD: FEBRUARY 89	fuel assemblies in the Spent Fuel	
3. LICENSED THERMAL POWER (MWT): 2300	Pool.	
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		

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	672.00	1416.00	157800.00
12. NUMBER OF HOURS REACTOR CRITICAL	173.63	173.63	111495.20
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	71.54	71.54	108817.90
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	49001.04	49001.04	218758549.44
17. GROSS ELEC. ENERGY GEN. (MWH)	13384.00	13384.00	70778106.00
18. NET ELEC. ENERGY GENERATED (MWH)	2577.00	-950.00	66804736.00
19. UNIT SERVICE FACTOR	10.65	5.05	68.96
20. UNIT AVAILABILITY FACTOR	10.65	5.05	68.97
21. UNIT CAP. FACTOR (USING MDC NET)	.58	-.10	63.66
22. UNIT CAP. FACTOR (USING DER NET)	.55	-.10	60.48
23. UNIT FORCED OUTAGE RATE	16.05	16.05	14.55
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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

1.16 - 9

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PDR ADOCK 05000261
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
ROBINSON UNIT 2

PAGE 1
RPD39-000

Page 2 of 4

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

FEBRUARY 1989

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-19	17	-4
2	-22	18	-4
3	-21	19	-4
4	-22	20	-4
5	-19	21	-4
6	-22	22	-16
7	-22	23	-23
8	-22	24	-23
9	-23	25	61
10	-23	26	169
11	-23	27	113
12	-16	28	117
13	-4		
14	-4		
15	-4		
16	-4		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 050-0261
 UNIT NAME H. B. Robinson
 DATE 03/06/89
 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
1101*	890201	S	585.78	C	1	- - -	ZZ	ZZZZZZ	Continuation of Cycle #12 Refueling Outage.
0201	890225	F	1.0	B	1	- - -	HA	TURBIN	The unit was forced offline to perform the Turbine Overspeed Trip Test.
* 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)

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 050-0261
 UNIT NAME H.B. Robinson
 DATE 03/06/89
 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
0202	890227	F	13.68	B	3	89-004-00	HA	INSTRU	Reactor trip occurred from personnel error as a result of shorting out the EH Control Power Supply while trouble-shooting this equipment. This caused an inadvertent loss of Turbine Controls; subsequent automatic reactor trip from Low Tave with Hi Steam Flow safety injection. Corrective action will be provided in LER-89-004-00.

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



Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550
MAR. 10 1989

Robinson File: 15505

Serial: RNP/89-0941

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D. C. 20555

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 February, 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

JE24
11