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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 Jan 1990 for HB Robinson Unit 2.
 W/900213 ltr.

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Carolina Power & Light Company

Company Correspondence

ROBINSON NUCLEAR PROJECT DEPARTMENT
POST OFFICE BOX 790
HARTSVILLE, SOUTH CAROLINA 29550
FEB. 13 1990

Robinson File: 15505

Serial: RNPD/90-0473

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
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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 January, 1990.

Very truly yours,

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

VFH:lht

Enclosure

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

9003020060 900131
PDR ADOCK 05000261
R FDC

TE24
11

CP&L CO.
RUN DATE 02/02/90
RUN TIME 13:27:04

UNIT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
ROBINSON UNIT 2

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RFD36-000

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Page 1 of 4
OPERATING STATUS

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

1. UNIT NAME: ROBINSON UNIT 2	NOTES There are presently	
2. REPORTING PERIOD: JANUARY 90	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	744.00	165888.00
12. NUMBER OF HOURS REACTOR CRITICAL	735.66	735.66	116319.27
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	734.38	734.38	113590.45
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1635614.64	1635614.64	229407418.80
17. GROSS ELEC. ENERGY GEN. (MWH)	548783.00	548783.00	74262477.00
18. NET ELEC. ENERGY GENERATED (MWH)	524568.00	524568.00	70108805.00
19. UNIT SERVICE FACTOR	98.71	98.71	68.47
20. UNIT AVAILABILITY FACTOR	98.71	98.71	68.49
21. UNIT CAP. FACTOR (USING MDC NET)	106.02	106.02	63.55
22. UNIT CAP. FACTOR (USING DER NET)	100.72	100.72	60.38
23. UNIT FORCED OUTAGE RATE	1.29	1.29	16.13
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	---	---

CP&L CO
RUN DATE 02/02/90
RUN TIME 13:26:59

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

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

JANUARY 1990

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	743	17	629
2	742	18	234
3	741	19	462
4	740	20	737
5	740	21	739
6	740	22	737
7	741	23	739
8	741	24	740
9	741	25	740
10	566	26	739
11	736	27	738
12	741	28	738
13	739	29	739
14	738	30	740
15	739	31	737
16	740		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH January

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 02/01/90
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
0101	900110	F	- - -	A	1	90-001	EB	CKTBRK	Turbine Runback caused from loss of Rod Position Indication (RPI) power supply. Investigation found RPI supply breaker tripped as root cause of event. RPI breaker was replaced as a result of this incident for corrective action. The reactor was stabilized and the unit returned to full power.

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 January

DOCKET NO. 050-0261
UNIT NAME H. B. Robinson
DATE 02/01/90
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
0102	900117	F	9.62	G	3	90-002	IA	INSTRU	Reactor trip from full load occurred from personnel error while performing OST-007. The OT-Delta-T bistable for N-42 was inadvertently tripped with N-41 OT-Delta-T bistable already tripped. Errors encountered during the performance of OST-007 were immediately corrected, and the unit returned to full power.

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