

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9003220035 DOC. DATE: ~~90/02/28~~ NOTARIZED: NO DOCKET #  
FACIL: 50-261 H.B. Robinson Plant, Unit 2, Carolina Power & Light C 05000261  
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 1990 for HB Robinson Unit 2.  
W/900309 ltr.

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TITLE: Monthly Operating Report (per Tech Specs)

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Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550  
**MAR 09 1990**

Robinson File: 15505

Serial: RNP/90-0851

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 February, 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

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CP&L CO  
RUN DATE 03/02/90  
RUN TIME 14:22:14

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
ROBINSON UNIT 2

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RPD36-000

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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 310    |
| 2. REPORTING PERIOD: FEBRUARY 90   | fuel assemblies in the Spent Fuel |
| 3. LICENSED THERMAL POWER (MWT): 2300  | Pool and 56 fuel assemblies in    |
| 4. NAMEPLATE RATING (GROSS MWE): 739.0   | 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,<br>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	166560.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1407.66	116991.27
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	672.00	1406.38	114262.45
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	1460807.28	3096421.92	230868226.08
17. GROSS ELEC. ENERGY GEN. (MWH)	491703.00	1040486.00	74754180.00
18. NET ELEC. ENERGY GENERATED (MWH)	468862.00	993430.00	70577667.00
19. UNIT SERVICE FACTOR	100.00	99.32	68.60
20. UNIT AVAILABILITY FACTOR	100.00	99.32	68.62
21. UNIT CAP. FACTOR (USING MDC NET)	104.92	105.50	63.72
22. UNIT CAP. FACTOR (USING DER NET)	99.67	100.22	60.53
23. UNIT FORCED OUTAGE RATE	.00	.68	16.05
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

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INITIAL ELECTRICITY

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COMMERCIAL OPERATION

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DOCKET NO. 050-0261  
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FEBRUARY 1990

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	738	17	735
2	737	18	735
3	737	19	735
4	739	20	736
5	738	21	736
6	738	22	735
7	737	23	733
8	736	24	735
9	736	25	738
10	737	26	661
11	584	27	498
12	610	28	488
13	613		
14	625		
15	732		
16	734		

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 03/02/90  
COMPLETED BY V. F. Haynesworth  
TELEPHONE (803) 383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
0201	900211	F	---	A	1	---	HH	MOTORX	The unit was reduced to 85% power to repair an oil leak on "B" Heater Drain Pump Motor Oil Cooler. Repairs were completed, the pump was put back in service, and the unit returned to full power.

<sup>1</sup>  
F: Forced  
S: Scheduled

<sup>2</sup>  
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)

<sup>3</sup>  
Method:  
1-Manual  
2-Manual Scram.  
3-Automatic Scram.  
4-Other (Explain)

<sup>4</sup>  
Exhibit G - Instructions  
for Preparation of Data  
Entry Sheets for Licensee  
Event Report (LER) File (NUREG-  
0161)

<sup>5</sup>  
Exhibit I - Same Source

## UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH February

DOCKET NO. 050-0261  
 UNIT NAME H. B. Robinson  
 DATE 03/02/90  
 COMPLETED BY V. F. Haynesworth  
 TELEPHONE (803) 383-4524

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
0202	900226	S	---	H	1	---	RC	FUELXX	The unit is at reduced load as per load management directives in preparation for a scheduled fall refueling outage.

1  
 F: Forced  
 S: Scheduled

2  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of 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)