

## ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:8905180153 DOC.DATE: 89/04/30 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 Apr 1989 for HB Robinson Steam  
Electric Plant, Unit 2.W/890511 ltr.

DISTRIBUTION CODE: IE24D COPIES RECEIVED:LTTR 1 ENCL 1 SIZE: S  
TITLE: Monthly Operating Report (per Tech Specs)

## NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD2-1 LA	4 4	PD2-1 PD	1 1
	LO,R	1 1		
INTERNAL:	AEOD/DOA	1 1	AEOD/DSP/TPAB	1 1
	IRM TECH ADV	2 2	NRR/DLPQ/PEB 11	1 1
	NRR/DOEA/EAB 11	1 1	NRR/DREP/RPB 10	1 1
	NUDOCS-ABSTRACT	1 1	<u>REG FILE</u> 01	1 1
	RGN2	1 1		
EXTERNAL:	EG&G SIMPSON,F	1 1	LPDR	1 1
	NRC PDR	1 1	NSIC	1 1

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,  
ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR 20 ENCL 20

R  
I  
D  
S  
/  
A  
D  
D  
S

R  
I  
D  
S  
/  
A  
D  
D  
S

*Monthly Report*  
*et*

CP&L CO  
RUN DATE 05/02/89  
RUN TIME 11:19:51

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
ROBINSON UNIT 2

PAGE 1  
RPD36-000

Enclosure to Serial: RNPD/89-1576

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 331 |  
2. REPORTING PERIOD: APRIL 89 | fuel assemblies in the Spent Fuel |  
3. LICENSED THERMAL POWER (MWT): 2300 | Pool, and 35 fuel assemblies in the |  
4. NAMEPLATE RATING (GROSS MWE): 739.0 | Horizontal Storage Module. |  
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	719.00	2879.00	159263.00
12. NUMBER OF HOURS REACTOR CRITICAL	421.72	1309.91	112631.48
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	3314.65
14. HOURS GENERATOR ON LINE	419.42	1194.19	109940.55
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	23.20
16. GROSS THERMAL ENERGY GEN. (MWH)	921690.96	2493908.40	221203456.80
17. GROSS ELEC. ENERGY GEN. (MWH)	300888.00	821258.00	71585980.00
18. NET ELEC. ENERGY GENERATED (MWH)	283573.00	764976.00	67570662.00
19. UNIT SERVICE FACTOR	58.33	41.48	69.03
20. UNIT AVAILABILITY FACTOR	58.33	41.48	69.05
21. UNIT CAP. FACTOR (USING MDC NET)	59.31	39.96	63.80
22. UNIT CAP. FACTOR (USING DER NET)	56.34	37.96	60.61
23. UNIT FORCED OUTAGE RATE	41.67	22.87	14.65
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 05/02/89  
RUN TIME 11:19:48

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

PAGE 1  
RPD39-000

Enclosure to Serial: RNPB/89-1576  
Page 2 of 4

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

APRIL 1989

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	732	17	692
2	729	18	691
3	41	19	690
4	-15	20	689
5	-6	21	691
6	-4	22	696
7	-4	23	722
8	-4	24	717
9	-4	25	725
10	-5	26	730
11	-10	27	727
12	-10	28	728
13	-10	29	436
14	-15	30	722
15	103		
16	673		

# UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH April

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 05/02/89  
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
0401	890403	F	299.58	A	1	- - -	RA	ZZZZZZ	The unit was taken to cold shutdown to investigate a loose part in the primary side of "C" Steam Generator. The loose part was retrieved, and the outage was extended to resolve a design basis issue.

<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 April

DOCKET NO. 050-0261  
UNIT NAME H. B. Robinson  
DATE 05/02/89  
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
0402	890428	F	- - -	A	1	- - -	IA	INSTRU	The unit was reduced to 36% power to work on Reactor Coolant System - FT-435, Loop Flow Transmitter. Repair was made, and the unit returned to 100% 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



Carolina Power & Light Company

ROBINSON NUCLEAR PROJECT DEPARTMENT  
POST OFFICE BOX 790  
HARTSVILLE, SOUTH CAROLINA 29550

MAY 11 1989

Robinson File: 15505

Serial: RNPD/89-1576

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 April, 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

IE24  
11