

# ACCELERATED DOCUMENT DISTRIBUTION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9309200171      DOC. DATE: ~~93/08/31~~      NOTARIZED: NO      DOCKET #  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina      05000400  
 AUTH. NAME      AUTHOR AFFILIATION  
 CRENSHAW, A.      Carolina Power & Light Co.  
 ROBINSON, W.R.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Aug 1993 for Harris Nuclear Power Plant, Unit 1. W/930914 ltr.

DISTRIBUTION CODE: IE24D      COPIES RECEIVED: LTR 1      ENCL 1      SIZE: 5  
 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400 /

	RECIPIENT ID CODE/NAME	COPIES LTTR	ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR	ENCL
	PD2-1 LA	3	3	PD2-1 PD	1	1
	LE, N	1	1			
INTERNAL:	ACRS	10	10	AEOD/DOA	1	1
	AEOD/DSP/TPAB	1	1	NRR/DORS/OEAB	1	1
	NRR/DRIL/RPEB	1	1	<del>REG-FILE</del> 01	1	1
	RGN2	1	1			
EXTERNAL:	EG&G BRYCE, J.H	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. 504-2065) TO ELIMINATE YOUR NAME FROM DISTRIBUTION  
 LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTTR    24    ENCL    24

*MR*



SEP 14 1993

Carolina Power & Light Company  
PO Box 1551  
Raleigh, NC 27602

File Number: SHF/10-15505

Letter Number: H0931035

Document Control Desk  
United States Nuclear Regulatory Commission  
Washington, DC 20555

HARRIS NUCLEAR PLANT DEPARTMENT UNIT NO. 1  
DOCKET NO. 50-400  
LICENSE NO. NPF-63  
MONTHLY OPERATIONS REPORT

Dear Sirs:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Power Plant, Unit No. 1, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of August 1993.

Yours very truly,

W. R. Robinson  
General Manager  
Harris Nuclear Plant

APC:bdd

Enclosure

c: Mr. S. D. Ebnetter (NRC-RII)  
Mr. J. E. Tedrow (NRC-SHNPP)

MIS/MTH-OPR.RPT/1/OS4

9309200171 930831  
PDR ADDCK 05000400  
R PDR

JE24 1/1



DOCKET NO.: 050-400  
UNIT: Harris Unit 1  
DATE: August 1993  
COMPLETED BY: Amanda Crenshaw

#### OPERATIONS SUMMARY

Harris Unit 1 operated at 100 percent Availability Factor for the referenced month and a 99.01 percent Capacity Factor. There was one significant power reduction.

There are 157 fuel assemblies in the reactor vessel and 997 spent fuel assemblies stored in the spent fuel pools. 549 of the spent fuel assemblies are BWR, which were shipped to Harris from CP&L's Brunswick Plant. 224 of the spent fuel assemblies are from CP&L's Robinson Plant.

CP&L CO  
 RUN DATE 09/10/93  
 RUN TIME 09:40:56

PLANT PERFORMANCE DATA SYSTEM  
 OPERATING DATA REPORT  
 HARRIS UNIT 1

PAGE 1  
 RPD36-000

DOCKET NO. 050-400  
 COMPLETED BY AMANDA CRENSHAW  
 TELEPHONE (919)362-2808

OPERATING STATUS

- | 1. UNIT NAME: HARRIS UNIT 1   | NOTES                   |
|---|-------------------------|
| 2. REPORTING PERIOD: AUGUST 93  | See Operations Summary. |
| 3. LICENSED THERMAL POWER (MWT): 2775   |                         |
| 4. NAMEPLATE RATING (GROSS MWE): 950.9  |                         |
| 5. DESIGN ELECTRICAL RATING (NET MWE): 900.0  |                         |
| 6. MAX DEPENDABLE CAPACITY (GROSS MWE): 920.0   |                         |
| 7. MAX DEPENDABLE CAPACITY (NET MWE): 860.0   |                         |
| 8. IF CHANGES OCCUR IN CAPACITY RATINGS (ITEMS 3 THRU 7) SINCE LAST REPORT, GIVE REASONS: None. |                         |

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

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5831.00	55536.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5804.41	45373.31
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	5792.45	44848.63
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2050427.52	15890446.98	119241552.42
17. GROSS ELEC. ENERGY GEN. (MWH)	675226.00	5333002.00	39747843.00
18. NET ELEC. ENERGY GENERATED (MWH)	633521.00	5005060.00	37010736.00
19. UNIT SERVICE FACTOR	100.00	99.34	80.76
20. UNIT AVAILABILITY FACTOR	100.00	99.34	80.76
21. UNIT CAP. FACTOR (USING MDC NET)	99.01	99.81	77.49
22. UNIT CAP. FACTOR (USING DER NET)	94.61	95.37	74.05
23. UNIT FORCED OUTAGE RATE	.00	.00	3.55
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	-----	-----



3  
4  
5

CP&L CO  
RUN DATE 09/10/93  
RUN TIME 09:40:56

PLANT PERFORMANCE DATA SYSTEM  
APPENDIX B - AVERAGE DAILY POWER LEVEL  
HARRIS UNIT 1

PAGE 1  
RPD39-000

DOCKET NO. 050-400  
COMPLETED BY AMANDA CRENSHAW  
TELEPHONE (919)362-2808

AUGUST 1993

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	822	17	853
2	852	18	857
3	853	19	861
4	854	20	858
5	857	21	859
6	856	22	720
7	866	23	862
8	867	24	861
9	863	25	861
10	864	26	859
11	863	27	859
12	862	28	858
13	861	29	856
14	817	30	855
15	852	31	857
16	852		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: September 09, 1993  
 COMPLETED BY: A. P. Crenshaw  
 TELEPHONE: (919) 362-2808

REPORT MONTH: August 1993

No.	Date	T <sup>1</sup> Type	Duration (Hours)	R <sup>2</sup> Reason	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code 4	Component Code 5	Cause and Corrective Action to Prevent Recurrence
93-004	930822	F	0.0	A	5	N/A	HH	Valve	Unit power reduced to 85% to perform the monthly turbine valve test. During performance of the test, a leak was detected on 1HD-325, Moisture Separator Reheater Drain Tank "B" Outlet to Condenser Level Control Valve, and power was further reduced to 80% for repairs to the valve. The turbine valve test and 1HD-325 repairs were satisfactorily completed and the unit was returned to 100%.

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-Continued  
 5-Reduced Load  
 6-Other

4  
 Exhibit G-Instructions  
 for Preparation of Data  
 Entry Sheets for Licensee  
 Event Report (LER) File  
 (NUREG-0161)  
 5  
 Exhibit 1 -Same Source



