

# CATEGORY 1

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 AUTH. NAME      AUTHOR AFFILIATION  
 ROGERS, S.      Carolina Power & Light Co.  
 DONAHUE, J.W.      Carolina Power & Light Co.  
 RECIP. NAME      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Mar 1996 for Harris Nuclear Plant. W/960410 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed.      05000400

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Carolina Power & Light Company  
Harris Nuclear Plant  
PO Box 165  
New Hill NC 27562

APR 10 1996

SERIAL: HNP-96-059

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

SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
MONTHLY OPERATING REPORT

Gentlemen:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Plant, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of March 1996.

Sincerely,

J. W. Donahue  
General Manager  
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady  
Mr. S. D. Ebnetter  
Mr. N. B. Le

150108

9604160004 960331  
PDR ADOCK 05000400  
R PDR

CP&L CO.  
RUN DATE 04/02/96  
RUN TIME 10:57:26

PLANT PERFORMANCE DATA SYSTEM  
OPERATING DATA REPORT  
HARRIS UNIT 1

PAGE 1  
RPD36-000

DOCKET NO. 050-400  
COMPLETED BY SHEILA ROGERS  
TELEPHONE (919)362-2573

OPERATING STATUS

- |  | NOTES |
|--|-------|
| 1. UNIT NAME: HARRIS UNIT 1  |       |
| 2. REPORTING PERIOD: MARCH 96  |       |
| 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,<br>GIVE REASONS: |       |
| 9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):   |       |
| 10. REASONS FOR RESTRICTION IF ANY:  |       |

	THIS MONTH	YR TO DATE	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	2184.00	78169.00
12. NUMBER OF HOURS REACTOR CRITICAL	574.07	2014.07	64901.33
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	559.05	1987.72	64241.88
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1517434.38	5449032.18	171695712.42
17. GROSS ELEC. ENERGY GEN (MWH)	506772.00	1826519.00	57154843.00
18. NET ELEC. ENERGY GENERATED (MWH)	469316.00	1708942.00	53265940.00
19. UNIT SERVICE FACTOR	75.14	91.01	82.18
20. UNIT AVAILABILITY FACTOR	75.14	91.01	82.18
21. UNIT CAP. FACTOR (USING MDC NET)	73.35	90.99	79.23
22. UNIT CAP. FACTOR (USING DER NET)	70.09	86.94	75.71
23. UNIT FORCED OUTAGE RATE	24.86	8.51	3.33

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

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 04/02/96  
RUN TIME 10:57:29

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

PAGE 1  
RPD39-000

DOCKET NO. 050-400  
COMPLETED BY SHEILA ROGERS  
TELEPHONE (919)362-2573

MARCH 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	880	17	873
2	877	18	873
3	875	19	870
4	878	20	873
5	865	21	875
6	859	22	716
7	863	23	-41
8	881	24	-39
9	881	25	-37
10	881	26	-36
11	879	27	-40
12	875	28	-44
13	873	29	-43
14	867	30	40
15	859	31	757
16	867		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 04/03/96  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
96-001	960322	F	184.95	B	1	96-002	EE	INSTRU	Unit entered Tech Spec 3.0.3. and was manually shutdown due to incomplete safety sequencer testing. Required testing was satisfactorily completed. While the plant was shutdown, a condenser tube leak and main feedwater isolation valve (1FW-277) were repaired. The unit was returned on line 03/30/96 @ 14:36.

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

Enclosure to  
 Serial HNP-96-059  
 Sheet 3 of 3



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