

# 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 Apr 1996 for Harris Nuclear  
 Plant W/960513 Ltr.

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NOTES: Application for permit renewal filed.

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

MAY 13 1996

SERIAL: HNP-96-083

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 April 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

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CP&L CO.  
RUN DATE 05/03/96  
RUN TIME 14:27:46

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: APRIL 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	CUMUL ATIVE
11. HOURS IN REPORTING PERIOD	719.00	2903.00	78888.00
12. NUMBER OF HOURS REACTOR CRITICAL	674.55	2688.62	65575.88
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	667.85	2655.57	64909.73
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1801649.88	7250682.06	173497362.30
17. GROSS ELEC. ENERGY GEN (MWH)	602275.00	2428794.00	57757118.00
18. NET ELEC. ENERGY GENERATED (MWH)	564121.00	2273063.00	53830061.00
19. UNIT SERVICE FACTOR	92.89	91.48	82.28
20. UNIT AVAILABILITY FACTOR	92.89	91.48	82.28
21. UNIT CAP. FACTOR (USING MDC NET)	91.23	91.05	79.34
22. UNIT CAP. FACTOR (USING DER NET)	87.18	87.00	75.82
23. UNIT FORCED OUTAGE RATE	7.11	8.16	3.37

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.  
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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

APRIL 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	867	17	879
2	840	18	873
3	834	19	870
4	867	20	867
5	874	21	867
6	882	22	863
7	882	23	864
8	881	24	880
9	879	25	768
10	881	26	-33
11	875	27	-35
12	870	28	253
13	868	29	855
14	870	30	863
15	867		
16	872		

# UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 05/06/96  
 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
96-002	960425	F	51.15	A	3	96-008	EA	CKTBRK	Unit tripped on 4/25/96 @ 2107 due to generator output breaker (52-7) disconnect failure. Disconnect repaired and unit returned on-line 4/28/96 @ 0016.

- 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