

# 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 Aug 1996 for Shearon Harris  
Nuclear Power Plant. W/960911 ltr.

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

SEP 11 1996

SERIAL: HNP-96-151

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
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SHEARON HARRIS NUCLEAR POWER PLANT  
DOCKET NO. 50-400/LICENSE NO. NPF-63  
MONTHLY OPERATING REPORT

Dear Sir or Madam:

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 August 1996.

Sincerely,

J. W. Donahue  
Director of Site Operations  
Harris Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)  
Mr. S. D. Ebner (NRC Regional Administrator, Region II)  
Mr. N. B. Le (NRR Project Manager, HNP)

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9609200039 960831  
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CP&L CO.  
RUN DATE 09/04/96  
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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

- |   |         |   |
|---|---------|---|
| 1. UNIT NAME: HARRIS UNIT 1                   | ] NOTES | ] |
| 2. REPORTING PERIOD: AUGUST 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, 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	744.00	5855.00	81840.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	5640.62	68527.88
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	5586.37	67840.53
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MMH)	2061416.52	15306997.68	181553677.92
17. GROSS ELEC. ENERGY GEN (MMH)	677396.00	5082260.00	60410584.00
18. NET ELEC. ENERGY GENERATED (MMH)	636349.00	4766236.00	56323234.00
19. UNIT SERVICE FACTOR	100.00	95.41	82.89
20. UNIT AVAILABILITY FACTOR	100.00	95.41	82.89
21. UNIT CAP. FACTOR (USING MDC NET)	99.45	94.66	80.02
22. UNIT CAP. FACTOR (USING DER NET)	95.03	90.45	76.47
23. UNIT FORCED OUTAGE RATE	.00	4.40	3.26

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	_____	_____



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

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RPD39-000

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TELEPHONE (919)362-2573

AUGUST 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	855	17	857
2	856	18	857
3	857	19	856
4	857	20	857
5	854	21	859
6	854	22	855
7	856	23	854
8	858	24	855
9	859	25	858
10	859	26	858
11	798	27	856
12	856	28	857
13	860	29	858
14	862	30	857
15	861	31	859
16	859		

Note: There were no significant power reductions for the month of August.



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