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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 Jul 1996 for Shearon Harris Nuclear Power Plant. W/ 960812 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

AUG 12 1996

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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

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 July 1996.

Sincerely,



J. W. Donahue
Director of Site Operations
Harris Plant

SGR

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. S. D. Ebnetter - NRC Regional Administrator
Mr. N. B. Le - NRC Project Manager

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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: JULY 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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	744.00	5111.00	81096.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	4896.62	67783.88
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	4842.37	67096.53
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2061822.78	13245581.16	179492261.40
17. GROSS ELEC. ENERGY GEN (MWH)	677502.00	4404864.00	59733188.00
18. NET ELEC. ENERGY GENERATED (MWH)	636821.00	4129887.00	55686885.00
19. UNIT SERVICE FACTOR	100.00	94.74	82.74
20. UNIT AVAILABILITY FACTOR	100.00	94.74	82.74
21. UNIT CAP. FACTOR (USING MDC NET)	99.53	93.96	79.85
22. UNIT CAP. FACTOR (USING DER NET)	95.10	89.78	76.30
23. UNIT FORCED OUTAGE RATE	.00	5.05	3.29

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	_____	_____

100

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

PAGE 1
RPD39-000

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TELEPHONE (919)362-2573

JULY 1996			
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	849	17	854
2	853	18	851
3	856	19	848
4	867	20	853
5	865	21	858
6	859	22	853
7	854	23	853
8	852	24	855
9	855	25	854
10	860	26	857
11	863	27	858
12	861	28	858
13	855	29	858
14	854	30	856
15	853	31	856
16	856		

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



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