

CATEGORY 1

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 AUTH. NAME: AUTHOR AFFILIATION
 ROGERS, S. Carolina Power & Light Co.
 ALEXANDER, D.B. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for May 1999 for Shearon Harris
 Nuclear Plant, Unit 1. With 990614 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
P.O. Box 165
New Hill NC 27562

Serial: HNP-99-099

JUN 14 1999

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 Carolina Power & Light Company's Harris Nuclear Plant Technical Specification 6.9.1.5, the report of operating statistics and shutdown experience for the month of May 1999 is provided.

Sincerely,

D. B. Alexander
Manager, Regulatory Affairs
Harris Plant

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Jez4

SGR

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. R. J. Laufer - NRC Project Manager
Mr. L. A. Reyes - NRC Regional Administrator

5413 Shearon Harris Road New Hill NC

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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
2. REPORTING PERIOD: MAY 99
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	3623.00	105912.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	3461.60	89687.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	3387.11	88772.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2060184.42	9201156.30	238620880.26
17. GROSS ELEC. ENERGY GEN (MWH)	683238.00	3071606.00	79415643.00
18. NET ELEC. ENERGY GENERATED (MWH)	643180.00	2877341.00	74114213.00
19. UNIT SERVICE FACTOR	100.00	93.49	83.82
20. UNIT AVAILABILITY FACTOR	100.00	93.49	83.82
21. UNIT CAP. FACTOR (USING MDC NET)	100.52	92.35	81.37
22. UNIT CAP. FACTOR (USING DER NET)	96.05	88.24	77.75
23. UNIT FORCED OUTAGE RATE	.00	6.51	3.23

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

PAGE 1
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TELEPHONE (919) 362-2573

MAY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	873	17	867
2	873	18	865
3	872	19	864
4	867	20	867
5	865	21	865
6	859	22	858
7	859	23	855
8	860	24	857
9	864	25	865
10	864	26	864
11	862	27	868
12	863	28	868
13	860	29	864
14	868	30	861
15	871	31	861
16	870		