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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 Jan 1998 for Shearon Harris Nuclear Power Plant. W/980212 ltr. C

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

FEB 12 1998

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

Serial: HNP-98-018

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 January 1998 is provided.

Sincerely,

J. W. Donahue
Director of Site Operations
Harris Plant

SGR

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. S. C. Flanders - NRC Regional Administrator
Mr. L. A. Reyes - 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
2. REPORTING PERIOD: JANUARY 98
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	744.00	94273.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	744.00	79053.71
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	744.00	78237.54
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2059505.10	2059505.10	209894282.28
17. GROSS ELEC. ENERGY GEN (MWH)	694342.00	694342.00	69876146.00
18. NET ELEC. ENERGY GENERATED (MWH)	652565.00	652565.00	65177870.00
19. UNIT SERVICE FACTOR	100.00	100.00	82.99
20. UNIT AVAILABILITY FACTOR	100.00	100.00	82.99
21. UNIT CAP. FACTOR (USING MDC NET)	101.99	101.99	80.39
22. UNIT CAP. FACTOR (USING DER NET)	97.46	97.46	76.82
23. UNIT FORCED OUTAGE RATE	.00	.00	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

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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

JANUARY 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	882	17	879
2	880	18	882
3	876	19	881
4	875	20	882
5	872	21	883
6	866	22	877
7	863	23	876
8	864	24	878
9	874	25	881
10	882	26	880
11	881	27	878
12	879	28	874
13	874	29	877
14	880	30	880
15	879	31	881
16	875		



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