



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

FEB 14 2000

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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 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 2000 is provided.

Sincerely,

D. B. Alexander
Manager, Regulatory Affairs
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. R. J. Laufer (NRR Project Manager, HNP)
Mr. L. A. Reyes (NRC Regional Administrator, Region II)

CP&L CO.
RUN DATE 02/09/00
RUN TIME 10:59:24

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 00
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	111793.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	744.00	95544.56
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	744.00	94615.00
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2054003.94	2054003.94	254709488.88
17. GROSS ELEC. ENERGY GEN (MWH)	692512.00	692512.00	84755627.00
18. NET ELEC. ENERGY GENERATED (MWH)	650748.00	650748.00	79131769.00
19. UNIT SERVICE FACTOR	100.00	100.00	84.63
20. UNIT AVAILABILITY FACTOR	100.00	100.00	84.63
21. UNIT CAP. FACTOR (USING MDC NET)	101.70	101.70	82.31
22. UNIT CAP. FACTOR (USING DER NET)	97.18	97.18	78.65
23. UNIT FORCED OUTAGE RATE	.00	.00	3.08
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 9 is planned to begin April 15, 2000,
and is scheduled for a duration of 35 days.

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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JANUARY 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	873	17	879
2	867	18	880
3	865	19	879
4	862	20	878
5	878	21	881
6	878	22	882
7	875	23	881
8	878	24	879
9	875	25	838
10	867	26	881
11	870	27	880
12	876	28	878
13	871	29	878
14	880	30	876
15	879	31	878
16	873		