



Carolina Power & Light Company

Harris Nuclear Plant
PO Box 165
New Hill NC 27562

Serial: HNP-99-181

DEC 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 November 1999 is provided.

Sincerely,

D. B. Alexander
Manager, Regulatory Affairs
Harris Plant

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

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CP&L CO.
RUN DATE 12/08/99
RUN TIME 10:02:44

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: NOVEMBER 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	720.00	8016.00	110305.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	7854.60	94080.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	7780.11	93165.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1988695.98	21340444.86	250760168.82
17. GROSS ELEC. ENERGY GEN (MWH)	665787.00	7083786.00	83427823.00
18. NET ELEC. ENERGY GENERATED (MWH)	626676.00	6649307.00	77886179.00
19. UNIT SERVICE FACTOR	100.00	97.06	84.46
20. UNIT AVAILABILITY FACTOR	100.00	97.06	84.46
21. UNIT CAP. FACTOR (USING MDC NET)	101.21	96.45	82.10
22. UNIT CAP. FACTOR (USING DER NET)	96.71	92.17	78.46
23. UNIT FORCED OUTAGE RATE	.00	2.94	3.09
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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NOVEMBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	866	17	880
2	865	18	879
3	880	19	874
4	880	20	870
5	876	21	868
6	811	22	865
7	871	23	869
8	875	24	871
9	868	25	867
10	865	26	864
11	869	27	876
12	875	28	876
13	872	29	878
14	867	30	880
15	877		
16	879		