CP&L

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

Serial: HNP-01-004

JAN 9 2001

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 December 2000 is provided.

Sincerely,

R. J. Field
Manager, Regulatory Affairs
Harris Nuclear Plant

SGR

Enclosure

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

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CP&L CO.
RUN DATE 01/02/01
RUN TIME 18:02:17

PLANT PERFORMANCE DATA SYSTEM
OPERATING DATA REPORT
HARRIS UNIT 1

DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919)362-2573

OPERATING STATUS

1. UNIT NAME: HARRIS UNIT 1
2. REPORTING PERIOD: DECEMBER 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	8784.00	119833.00
12. NUMBER OF HOURS REACTOR CRITICAL	744.00	8127.66	102928.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	744.00	8099.15	101970.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2063760.84	22064167.08	274719652.02
17. GROSS ELEC. ENERGY GEN (MWH)	695096.00	7333635.00	91396750.00
18. NET ELEC. ENERGY GENERATED (MWH)	653014.00	6877960.00	85358981.00
19. UNIT SERVICE FACTOR	100.00	92.20	85.09
20. UNIT AVAILABILITY FACTOR	100.00	92.20	85.09
21. UNIT CAP. FACTOR (USING MDC NET)	102.06	91.05	82.83
22. UNIT CAP. FACTOR (USING DER NET)	97.52	87.00	79.15
23. UNIT FORCED OUTAGE RATE	.00	.35	2.89

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

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

CP&L CO. PLANT PERFORMANCE DATA SYSTEM PAGE 1
RUN DATE 01/02/01 APPENDIX B - AVERAGE DAILY POWER LEVEL RPD39-000
RUN TIME 18:02:17 HARRIS UNIT 1

DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919)362-2573

DECEMBER 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	879	17	868
2	878	18	878
3	879	19	877
4	880	20	877
5	877	21	878
6	879	22	878
7	878	23	880
8	875	24	879
9	877	25	881
10	877	26	879
11	876	27	878
12	872	28	879
13	878	29	880
14	877	30	880
15	876	31	880
16	876		