



MAY 10 2002

Serial: HNP-02-071

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 April 2002 is provided.

Sincerely,

James Holt
Manager, Support Services
Harris Nuclear Plant

SGR

Enclosure

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

JE24

CP&L CO.
RUN DATE 05/06/02
RUN TIME 08:29:04

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: APRIL 02
3. LICENSED THERMAL POWER (MWT): 2900
4. NAMEPLATE RATING (GROSS MWE): 950.9
5. DESIGN ELECTRICAL RATING (NET MWE): 941.7
6. MAX DEPENDABLE CAPACITY (GROSS MWE): 960.0
7. MAX DEPENDABLE CAPACITY (NET MWE): 900.0
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	CUMULATIVE
11. HOURS IN REPORTING PERIOD	719.00	2879.00	131472.00
12. NUMBER OF HOURS REACTOR CRITICAL	719.00	2861.25	112132.15
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	719.00	2822.13	111127.38
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2083030.56	8015880.72	300114309.90
17. GROSS ELEC. ENERGY GEN (MWH)	704995.00	2722316.00	99869204.00
18. NET ELEC. ENERGY GENERATED (MWH)	664354.00	2559021.00	93286498.00
19. UNIT SERVICE FACTOR	100.00	98.02	84.53
20. UNIT AVAILABILITY FACTOR	100.00	98.02	84.53
21. UNIT CAP. FACTOR (USING MDC NET)	102.67	98.76	82.42
22. UNIT CAP. FACTOR (USING DER NET)	98.12	94.39	75.35
23. UNIT FORCED OUTAGE RATE	.00	.00	2.66
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 _____

CP&L CO.
RUN DATE 05/06/02
RUN TIME 08:29:04

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

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APRIL 2002

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	932	17	913
2	927	18	915
3	921	19	914
4	938	20	899
5	937	21	914
6	938	22	919
7	938	23	933
8	929	24	932
9	920	25	923
10	924	26	934
11	929	27	929
12	925	28	915
13	922	29	919
14	919	30	931
15	917		
16	913		