



NOV 1 2 2001

Serial: HNP-01-153

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 October 2001 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. J. M. Goshen (NRC Project Manager, HNP)  
Mr. B. S. Mallett (Acting NRC Regional Administrator, Region II)

Harris Nuclear Plant  
5413 Shebron Harris Road  
New Hill, NC 27562

IE24

CP&L CO.  
RUN DATE 11/02/01  
RUN TIME 10:14:53

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: OCTOBER 01
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	745.00	7296.00	127129.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	6335.15	109263.37
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	6335.10	108305.25
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	17378777.16	292098429.18
17. GROSS ELEC. ENERGY GEN (MWH)	.00	5750138.00	97146888.00
18. NET ELEC. ENERGY GENERATED (MWH)	-7612.00	5393849.00	90752830.00
19. UNIT SERVICE FACTOR	.00	86.83	85.19
20. UNIT AVAILABILITY FACTOR	.00	86.83	85.19
21. UNIT CAP. FACTOR (USING MDC NET)	-1.19	85.96	83.01
22. UNIT CAP. FACTOR (USING DER NET)	-1.14	82.14	79.32
23. UNIT FORCED OUTAGE RATE	.00	.00	2.72
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 10 began September 22, 2001  
and is scheduled for a duration of 75 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: December 7, 2001

26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY

\_\_\_\_\_

INITIAL ELECTRICITY

\_\_\_\_\_

COMMERCIAL OPERATION

\_\_\_\_\_

Enclosure to  
Serial: HNP-01-153  
Sheet 2 of 3

CP&L CO.  
RUN DATE 11/02/01  
RUN TIME 10:14:53

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

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

OCTOBER 2001

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
DATE: 01/12/01  
COMPLETED BY: S. G. Rogers  
TELEPHONE: (919) 362-2573

REPORT MONTH: October 2001

NUMBER	DATE	TYPE 1	DURATION (HOURS)	REASON 2	METHOD OF SHUTTING DOWN REACTOR 3	LICENSEE EVENT REPORT #	SYSTEM CODE 4	COMPONENT CODE 5	CAUSE AND CORRECTIVE ACTION TO PREVENT RECURRENCE
01-003	09/22/01	S	745	C	4	NA	ZZ	ZZZZZZ	Plant remains in RFO 10. Harris Plant was taken off line for Refueling Outage 10 on 9/22/01. Refueling Outage is scheduled for a duration of 75 days.

1  
F: Forced  
S: Scheduled

2  
Reason:  
A-Equipment Failure (Explain)  
B-Maintenance or Test  
C-Refueling  
D-Regulatory Restriction  
E-Operator Training & License Examination  
F-Administrative  
G-Operational Error (Explain)  
H-Other (Explain)

3  
Method:  
1-Manual  
2-Manual Scram  
3-Automatic Scram  
4-Continued  
5-Reduced Load  
6-Other

4  
Exhibit G-Instructions  
for Preparation of Data  
Entry Sheets for Licensee Event Report  
(LER) File  
(NUREG-0161)

5  
Exhibit 1 - Same Source