



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

MAY 12 2000

Serial: HNP-00-087

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 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 (NRC Project Manager, HNP)  
Mr. L. A. Reyes (NRC Regional Administrator, Region II)

IE24

CP&L CO.  
RUN DATE 05/08/00  
RUN TIME 11:53:45

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 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	719.00	2903.00	113952.00
12. NUMBER OF HOURS REACTOR CRITICAL	335.22	2519.22	97319.78
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	335.05	2519.05	96390.05
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	890701.74	6923050.02	259578534.96
17. GROSS ELEC. ENERGY GEN (MWH)	296834.00	2321988.00	86385103.00
18. NET ELEC. ENERGY GENERATED (MWH)	273217.00	2176762.00	80657783.00
19. UNIT SERVICE FACTOR	46.60	86.77	84.59
20. UNIT AVAILABILITY FACTOR	46.60	86.77	84.59
21. UNIT CAP. FACTOR (USING MDC NET)	44.19	87.19	82.30
22. UNIT CAP. FACTOR (USING DER NET)	42.22	83.31	78.65
23. UNIT FORCED OUTAGE RATE	.00	.00	3.02
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant was shutdown for Refueling Outage number 9 on April 15, 2000.  
Outage is scheduled for a duration of 35 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: May 12, 2000
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

Enclosure to  
Serial: HNP-00-087  
Sheet 2 of 4

CP&L CO.  
RUN DATE 05/08/00  
RUN TIME 11:53:45

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

PAGE 1  
RPD39-000

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

APRIL 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	872	17	-20
2	867	18	-12
3	858	19	-12
4	858	20	-10
5	861	21	-9
6	847	22	-10
7	836	23	-11
8	834	24	-9
9	836	25	-10
10	825	26	-10
11	815	27	-10
12	798	28	-10
13	814	29	-10
14	721	30	-11
15	-39		
16	-31		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 05/01/00  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH: April 2000

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
00-002	04/04/00	S	0.0	H	5	NA	ZZ	ZZZZZZ	Plant began coastdown for Refueling Outage number 9 on 4/4/00. Plant was taken off line and entered RFO 9 on 4/15/00 at 00:03.

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
DATE: 05/01/00  
COMPLETED BY: S. G. Rogers  
TELEPHONE: (919) 362-2573

REPORT MONTH: April 2000

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
00-003	04/15/00	S	383.95	C	1	N/A	ZZ	ZZZZZZ	Plant was shutdown for Refueling Outage number 9 on 4/15/00 at 00:03. Outage is scheduled for a duration of 35 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