



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

JUL 14 2000

Serial: HNP-00-113

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 June 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)

CP&L CO.  
RUN DATE 07/10/00  
RUN TIME 14:43:39

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: JUNE 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	720.00	4367.00	115416.00
12. NUMBER OF HOURS REACTOR CRITICAL	699.57	3710.66	98511.22
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	691.80	3682.15	97553.15
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1821589.92	9817685.82	262473170.76
17. GROSS ELEC. ENERGY GEN (MWH)	590721.00	3281128.00	87344243.00
18. NET ELEC. ENERGY GENERATED (MWH)	552054.00	3067134.00	81548155.00
19. UNIT SERVICE FACTOR	96.08	84.32	84.52
20. UNIT AVAILABILITY FACTOR	96.08	84.32	84.52
21. UNIT CAP. FACTOR (USING MDC NET)	89.16	81.67	82.16
22. UNIT CAP. FACTOR (USING DER NET)	85.19	78.04	78.51
23. UNIT FORCED OUTAGE RATE	3.92	.76	3.02
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	_____	_____

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

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TELEPHONE (919) 362-2573

JUNE 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	853	17	396
2	845	18	485
3	848	19	786
4	858	20	567
5	857	21	-20
6	857	22	406
7	865	23	840
8	862	24	840
9	856	25	842
10	854	26	842
11	852	27	843
12	850	28	845
13	845	29	848
14	849	30	852
15	849		
16	830		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 07/01/00  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH: June 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
00-004	06/16/00	S	0.0	B	5	NA	HH	PUMPXX	Plant reduced power to perform maintenance on "B" Condensate Booster Pump, "B" Heater Drain Pump, and Feedwater Heaters 3A/3B. Required maintenance was performed and plant was returned to 100% power.

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 I - Same Source

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 07/01/00  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH: June 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
00-005	06/20/00	F	28.20	A	2	N/A	CH	VALVEX	Manual plant trip on 6/20/00 at 16:31 due to inadvertent closure of "A" Main Feed Isolation Valve which created a Low Steam Generator Level. The MFIV failed due to a solenoid failure. Maintenance activities were completed and the plant was returned to 100%.

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 (NUREG-0161)

5  
 Exhibit 1 - Same Source