

# CATEGORY 1

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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina    05000400  
 AUTH. NAME    AUTHOR AFFILIATION  
 ROGERS, S.    Carolina Power & Light Co.  
 VANDENBURGH, C.    Carolina Power & Light Co.  
 RECIP. NAME    RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1998 for Harris Nuclear  
 Power Plant. With 981012 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400

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

OCT 12 1998

United States Nuclear Regulatory Commission  
ATTENTION: Document Control Desk  
Washington, DC 20555

Serial: HNP-98-148

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 September 1998 is provided.

Sincerely,

C. A. VanDenburgh  
Manager Regulatory Affairs  
Harris Plant

SGR

Enclosure

- c: Mr. J. B. Brady - NRC Senior Resident Inspector
- Mr. S. C. Flanders - NRC Project Manager
- Mr. L. A. Reyes - NRC Regional Administrator

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9810160203 980930  
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CP&L CO.  
RUN DATE 10/05/98  
RUN TIME 12:44:00

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: SEPTEMBER 98
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	6551.00	100080.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	6551.00	84860.71
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	6551.00	84044.54
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1956101.94	18006821.82	225841599.00
17. GROSS ELEC. ENERGY GEN (MWH)	640567.00	5965847.00	75147651.00
18. NET ELEC. ENERGY GENERATED (MWH)	600833.00	5602536.00	70127841.00
19. UNIT SERVICE FACTOR	100.00	100.00	83.98
20. UNIT AVAILABILITY FACTOR	100.00	100.00	83.98
21. UNIT CAP. FACTOR (USING MDC NET)	97.03	99.44	81.48
22. UNIT CAP. FACTOR (USING DER NET)	92.72	95.02	77.86
23. UNIT FORCED OUTAGE RATE	.00	.00	3.14
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 8 is planned to begin October 24, 1998 and is scheduled for a duration of 34 days.

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	_____	_____



12

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CP&L CO.  
RUN DATE 10/05/98  
RUN TIME 12:43:59

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

SEPTEMBER 1998

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	849	17	851
2	849	18	850
3	852	19	852
4	851	20	853
5	851	21	851
6	850	22	847
7	847	23	861
8	854	24	869
9	833	25	862
10	781	26	855
11	771	27	854
12	762	28	845
13	734	29	853
14	713	30	854
15	831		
16	851		



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 09/30/98  
 COMPLETED BY: S. G. Rogers  
 TELEPHONE: (919) 362-2573

REPORT MONTH: September 1998

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
98-003	09/10/98	F	0.0	A	5	N/A	HH	PUMPXX	Power reduced to 90% on 9/10/98 @ 03:40 due to 1A Heater Drain Pump trip. Work was performed on Feedwater Heater level control columns and plant was returned to 100% power on 9/15/98 @ 10:00.

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





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