

# CATEGORY 1

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 AUTH. NAME AUTHOR AFFILIATION  
 ROGERS, S. Carolina Power & Light Co.  
 CLARK, B.H. Carolina Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly ~~operating rept~~ for May 1997 for Shearon Harris  
 Unit 1. W/970616 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

**JUN 1 '6 1997**

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

Serial: HNP-97-126

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 May 1997 is provided.

Sincerely,

B. H. Clark  
Plant General Manager  
Harris Plant

1/1

MV

Enclosure

c: Mr. J. B. Brady - NRC Senior Resident Inspector  
Mr. L. A. Reyes - NRC Regional Administrator  
Mr. V. Rooney - NRC Project Manager

Levy

9706240094 970531  
PDR ADOCK 05000400  
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CP&L CO.  
RUN DATE 06/03/97  
RUN TIME 07:44:43

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: MAY 97
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:

NOTES

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	744.00	3623.00	88392.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	2223.79	73489.90
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	2210.13	72767.79
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	6099787.44	194984120.70
17. GROSS ELEC. ENERGY GEN (MWH)	.00	2050566.00	64917818.00
18. NET ELEC. ENERGY GENERATED (MWH)	-8467.00	1911320.00	60536059.00
19. UNIT SERVICE FACTOR	.00	61.00	82.32
20. UNIT AVAILABILITY FACTOR	.00	61.00	82.32
21. UNIT CAP. FACTOR (USING MDC NET)	-1.32	61.34	79.63
22. UNIT CAP. FACTOR (USING DER NET)	-1.26	58.62	76.10
23. UNIT FORCED OUTAGE RATE	.00	2.14	3.29
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Unit remains shutdown for Refueling Outage 7.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: June 7, 1997

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



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THE UNIVERSITY OF CHICAGO

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CP&L CO.  
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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

MAY 1997

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	-6	17	-12
2	-7	18	-12
3	-7	19	-10
4	-7	20	-8
5	-7	21	-6
6	-7	22	-9
7	-10	23	-10
8	-9	24	-10
9	-10	25	-15
10	-6	26	-15
11	-11	27	-11
12	-7	28	-13
13	-10	29	-24
14	-11	30	-26
15	-10	31	-34
16	-12		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
DATE: 03/05/97  
COMPLETED BY: S. G. Rogers  
TELEPHONE: (919) 362-2573

REPORT MONTH

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
97-004	970501	S	744.0	C	4	N/A	ZZ	ZZZZZZ	Plant remains offline for Refueling Outage 7.

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