

CATEGORY 1

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 AUTH. NAME AUTHOR AFFILIATION
 ROGERS, S. Carolina Power & Light Co.
 DONAHUE, J.W. Carolina Power & Light Co.
 RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Sept 1996 for Shearon Harris
 Nuclear Power Plant. W/961014 ltr.

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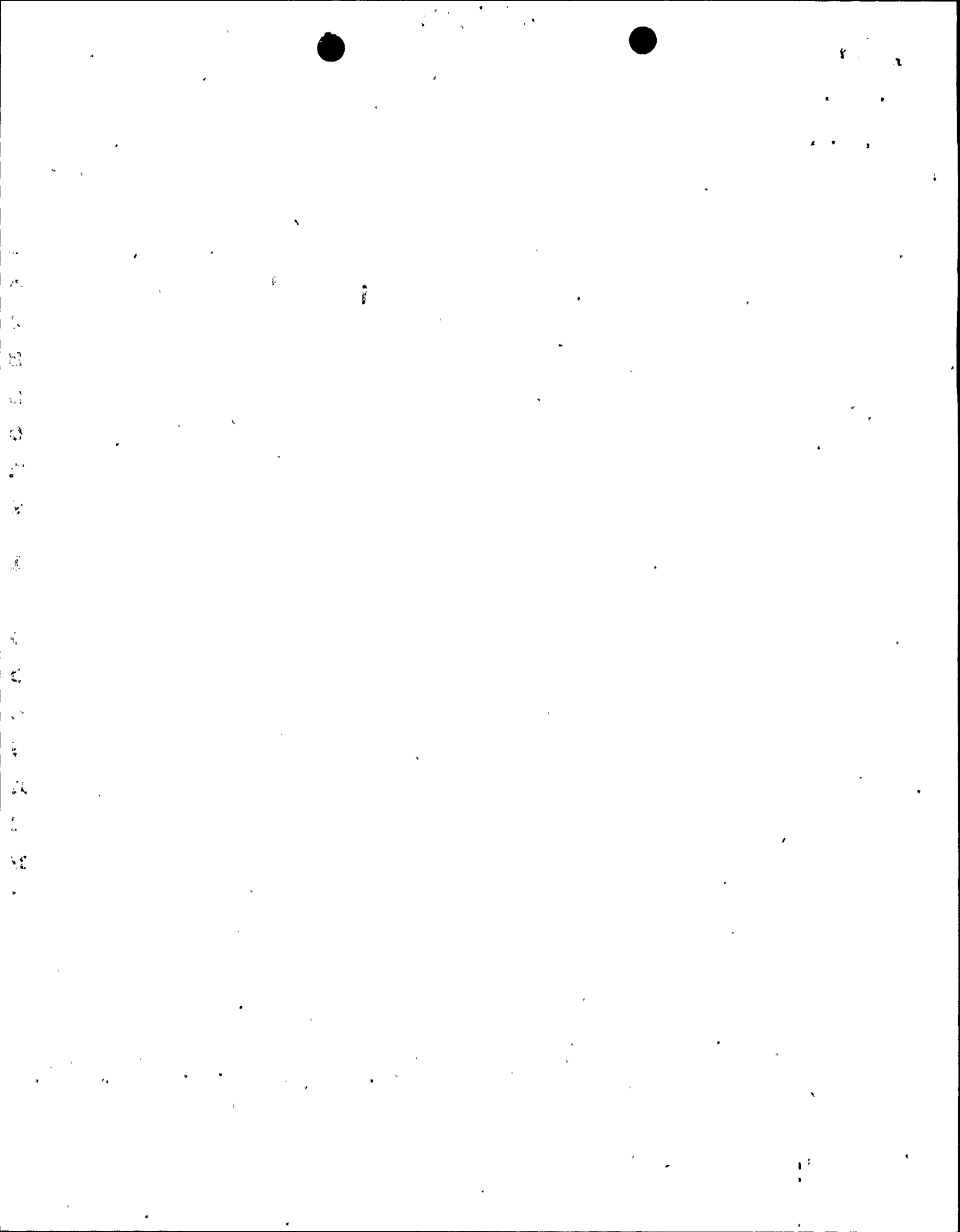
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Carolina Power & Light Company
Harris Nuclear Plant
PO Box 165
New Hill NC 27562

OCT 14 1996

SERIAL: HNP-96-170

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 Technical Specification 6.9.1.5 for the Harris Nuclear Plant, Carolina Power & Light Company herewith submits the report of operating statistics and shutdown experience for the month of September 1996.

Sincerely,



J. W. Donahue
Director of Site Operations
Harris Plant

SGR

Enclosure

220079

c: Mr. J. B. Brady - NRC Senior Resident Inspector
Mr. S. D. Ebnetter - NRC Regional Administrator
Mr. N. B. Le - NRC Project Manager

JE24/1

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PDR ADDCK 05000400
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10/22/51

CP&L CO.
RUN DATE 10/08/96
RUN TIME 12:16:03

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 |] NOTES |] |
| 2. REPORTING PERIOD: SEPTEMBER 96 |] |] |
| 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	6575.00	82560.00
12. NUMBER OF HOURS REACTOR CRITICAL	577.23	6217.85	69105.11
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	572.00	6158.37	68412.53
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1527617.52	16834615.20	183081295.44
17. GROSS ELEC. ENERGY GEN (MWH)	508438.00	5590698.00	60919022.00
18. NET ELEC. ENERGY GENERATED (MWH)	472302.00	5238538.00	56795536.00
19. UNIT SERVICE FACTOR	79.44	93.66	82.86
20. UNIT AVAILABILITY FACTOR	79.44	93.66	82.86
21. UNIT CAP. FACTOR (USING MDC NET)	76.28	92.64	79.99
22. UNIT CAP. FACTOR (USING DER NET)	72.89	88.53	76.44
23. UNIT FORCED OUTAGE RATE	12.27	5.19	3.34

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	_____	_____

1954

1954

1954

1954

1954	1954	1954	1954
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1954	1954	1954	1954

CP&L CO.
RUN DATE 10/08/96
RUN TIME 11:04:08

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 1996

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	862	17	856
2	861	18	869
3	844	19	870
4	-30	20	869
5	-30	21	868
6	-30	22	862
7	-33	23	866
8	-37	24	865
9	-38	25	865
10	112	26	864
11	761	27	861
12	857	28	858
13	862	29	872
14	871	30	871
15	869		
16	863		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 09/30/96
 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
96-005	960903	F	80.00	A	2	96-018	WA	PUMPXX	Unit was manually tripped 09/03/96 @ 23:42 due to loss of Normal Service Water. The "B" NSW Pump experienced a sheared shaft. "A" NSW Pump subsequently tripped.

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



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 09/30/96
 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
96-006	960907	F	68.00	H	4	96-019	ZZ	ZZZZZZ	Unit remained off-line for an additional 68 hours awaiting FEMA re-start permission following Hurricane Fran. Unit was returned on-line 09/10/96 @ 03:42. Plant was returned to 100% on 09/12/96.

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



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