

# CATEGORY 1

## REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION#NBR: 9707220009      DOC.DATE: ~~97/06/30~~ NOTARIZED: NO      DOCKET # 05000400  
 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina  
 AUTH.NAME                      AUTHOR AFFILIATION  
 ROGERS, S.G.                    Carolina Power & Light Co.  
 DONAHUE, J.W.                  Carolina Power & Light Co.  
 RECIP.NAME                      RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for June 1997 for Shearon Harris Nuclear Power Plant. W/970711 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400

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MR



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

JUL 11 1997

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

Serial: HNP-97-142

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 1997 is provided.

Sincerely,

J. W. Donahue  
Director of Site Operations  
Harris Plant

1/1

SGR

Enclosure

Teuf

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

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bc: Mr. T. C. Bell  
Mr. B. H. Clark  
Mr. G. W. Davis  
Ms. S. F. Flynn  
Mr. W. J. Hindman  
Ms. W. C. Langston (PE&RAS File)  
Mr. R. D. Martin  
Mr. W. S. Orser  
Mr. W. R. Robinson  
Mr. W. G. Wendland  
Nuclear Records  
File: HI/A-2D



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CP&L CO.  
RUN DATE 07/09/97  
RUN TIME 12:10:29

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 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:
  
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE):
10. REASONS FOR RESTRICTION IF ANY:

|                                      | THIS MONTH | YR TO DATE | CUMULATIVE   |
|--------------------------------------|------------|------------|--------------|
| 11. HOURS IN REPORTING PERIOD        | 720.00     | 4343.00    | 89112.00     |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 582.68     | 2806.47    | 74072.58     |
| 13. REACTOR RESERVE SHUTDOWN HRS     | .00        | .00        | .00          |
| 14. HOURS GENERATOR ON LINE          | 525.00     | 2735.13    | 73292.79     |
| 15. UNIT RESERVE SHUTDOWN HOURS      | .00        | .00        | .00          |
| 16. GROSS THERMAL ENERGY GEN. (MWH)  | 1342556.10 | 7442343.54 | 196326676.80 |
| 17. GROSS ELEC. ENERGY GEN (MWH)     | 435971.00  | 2486537.00 | 65353789.00  |
| 18. NET ELEC. ENERGY GENERATED (MWH) | 400231.00  | 2311551.00 | 60936290.00  |
| 19. UNIT SERVICE FACTOR              | 72.92      | 62.98      | 82.25        |
| 20. UNIT AVAILABILITY FACTOR         | 72.92      | 62.98      | 82.25        |
| 21. UNIT CAP. FACTOR (USING MDC NET) | 64.64      | 61.89      | 79.51        |
| 22. UNIT CAP. FACTOR (USING DER NET) | 61.76      | 59.14      | 75.98        |
| 23. UNIT FORCED OUTAGE RATE          | 5.91       | 2.88       | 3.31         |

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 | _____ | _____ |

CP&L CO.  
RUN DATE 07/09/97  
RUN TIME 12:10:29

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

JUNE 1997

| DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) | DAY | AVG. DAILY POWER LEVEL<br>(MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1   | -40                                 | 17  | 847                                 |
| 2   | -41                                 | 18  | 843                                 |
| 3   | -44                                 | 19  | 844                                 |
| 4   | -41                                 | 20  | 845                                 |
| 5   | -37                                 | 21  | 852                                 |
| 6   | -41                                 | 22  | 853                                 |
| 7   | -21                                 | 23  | 854                                 |
| 8   | 9                                   | 24  | 854                                 |
| 9   | 26                                  | 25  | 847                                 |
| 10  | 197                                 | 26  | 848                                 |
| 11  | 560                                 | 27  | 854                                 |
| 12  | 816                                 | 28  | 858                                 |
| 13  | 848                                 | 29  | 860                                 |
| 14  | 850                                 | 30  | 858                                 |
| 15  | 857                                 |     |                                     |
| 16  | 861                                 |     |                                     |



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris  
 DATE: 06/01/97  
 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 | 970405 | S      | 162.03           | C        | 4                                 | N/A                     | ZZ            | ZZZZZZ           | Plant remained offline for Refueling Outage 7. Plant Sync to Grid on 06/07/97 @ 18:02 |

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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 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                                                             |
|--------|--------|--------|------------------|----------|-----------------------------------|-------------------------|---------------|------------------|---------------------------------------------------------------------------------------------------------------|
| 97-005 | 970608 | F      | 32.97            | B        | 3                                 | 97-16                   | IA            | INSTRU           | Plant trip caused by operating crew error while adjusting NI's. Plant was returned to service 6/9/97 @ 14:28. |

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  
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 for Preparation of Data  
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5  
 Exhibit 1 - Same Source

