

CATEGORY 1

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 AUTH (NAME): AUTHOR AFFILIATION
 ROGERS, S. Carolina Power & Light Co.
 ALEXANDER, D.B. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Shearon Harris NPP. With 990312
 ltr.

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 TITLE: Monthly Operating Report (per Tech Specs)

NOTES: Application for permit renewal filed. 05000400

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MAR 12 1999

Carolina Power & Light Company
Harris Nuclear Plant
P.O. Box 165
New Hill NC 27562

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

Serial: HNP-99-047

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 February 1999 is provided.

Sincerely,

D. B. Alexander
Manager, Regulatory Affairs
Harris Plant

SGR

Enclosure

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

9903220075 990228
PDR ADOCK 05000400
R PDR

5413 Shearon Harris Road New Hill NC

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IE24.

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COUNTY OF [illegible]

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CP&L CO.
RUN DATE 03/08/99
RUN TIME 10:15:06

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: FEBRUARY 99
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	672.00	1416.00	103705.00
12. NUMBER OF HOURS REACTOR CRITICAL	672.00	1391.68	87617.29
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	672.00	1372.43	86758.04
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1807710.48	3713975.64	233133699.60
17. GROSS ELEC. ENERGY GEN (MWH)	606583.00	1245972.00	77590009.00
18. NET ELEC. ENERGY GENERATED (MWH)	569332.00	1167884.00	72404756.00
19. UNIT SERVICE FACTOR	100.00	96.92	83.66
20. UNIT AVAILABILITY FACTOR	100.00	96.92	83.66
21. UNIT CAP. FACTOR (USING MDC NET)	98.51	95.90	81.18
22. UNIT CAP. FACTOR (USING DER NET)	94.14	91.64	77.58
23. UNIT FORCED OUTAGE RATE	.00	3.08	3.10

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

SECRET
CONFIDENTIAL

TOP SECRET

SECRET
CONFIDENTIAL

CONFIDENTIAL
TOP SECRET

SECRET
CONFIDENTIAL

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TOP SECRET	SECRET	CONFIDENTIAL	TOP SECRET
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CP&L CO.
RUN DATE 03/08/99
RUN TIME 10:15:06

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

FEBRUARY 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	879	17	534
2	872	18	418
3	878	19	872
4	874	20	873
5	879	21	877
6	874	22	880
7	870	23	879
8	874	24	878
9	875	25	878
10	874	26	877
11	873	27	872
12	869	28	870
13	882		
14	882		
15	881		
16	878		



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 03/01/99
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: February 1999

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
99-002	02/17/99	F	0.0	A	5	NA	IA	CKTBRK	Plant reduced power to ~6% on 2/17/99 @ 12:19 due to problem with "A" Reactor Trip Breaker, UV feature. Other maintenance work was also performed during this event. Repairs were made and plant was returned to 100% power on 2/18/99 @ 24:00.

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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