



Serial: HNP-01-142

OCT 12 2001

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 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 2001 is provided.

Sincerely,

R. J. Field
Manager, Regulatory Affairs
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. R. J. Laufer (NRC Project Manager, HNP)
Mr. L. A. Reyes (NRC Regional Administrator, Region II)

Harris Nuclear Plant
5413 Shearon Harris Road
New Hill, NC 27562

IE24

CP&L CO.
RUN DATE 10/02/01
RUN TIME 13:02:42

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 01
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	126384.00
12. NUMBER OF HOURS REACTOR CRITICAL	504.15	6335.15	109263.37
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	504.10	6335.10	108305.25
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1274690.70	17378777.16	292098429.18
17. GROSS ELEC. ENERGY GEN (MWH)	422662.00	5750138.00	97146888.00
18. NET ELEC. ENERGY GENERATED (MWH)	392127.00	5401461.00	90760442.00
19. UNIT SERVICE FACTOR	70.01	96.70	85.70
20. UNIT AVAILABILITY FACTOR	70.01	96.70	85.70
21. UNIT CAP. FACTOR (USING MDC NET)	63.33	95.87	83.50
22. UNIT CAP. FACTOR (USING DER NET)	60.51	91.61	79.79
23. UNIT FORCED OUTAGE RATE	.00	.00	2.72
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 10 began September 22, 2001
and is scheduled for a duration of 75 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: December 7, 2001

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

INITIAL CRITICALITY

INITIAL ELECTRICITY

COMMERCIAL OPERATION

Enclosure to
Serial: HNP-01-142
Sheet 2 of 4

CP&L CO.
RUN DATE 10/02/01
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PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

PAGE 1
RPD39-000

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COMPLETED BY SHEILA ROGERS
TELEPHONE (919) 362-2573

SEPTEMBER 2001

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	846	17	758
2	841	18	750
3	837	19	740
4	827	20	729
5	819	21	642
6	816	22	-35
7	812	23	-26
8	805	24	-12
9	795	25	-11
10	787	26	-10
11	787	27	-10
12	786	28	-10
13	776	29	-11
14	778	30	-11
15	777		
16	768		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 010/05/01
COMPLETED BY: S. G. Rogers
TELEPHONE: (919) 362-2573

REPORT MONTH: September 2001

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
01-002	09/01/01	S	0.0	H	5	NA	ZZ	ZZZZZZ	Plant began coastdown for Refueling Outage number 10 on 9/01/01. Unit was taken off line for Refueling Outage 10 on 9/22/01.

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 010/05/01
COMPLETED BY: S. G. Rogers
TELEPHONE: (919) 362-2573

REPORT MONTH: September 2001

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
01-003	09/22/01	S	215.9	C	1	NA	ZZ	ZZZZZZ	Plant was taken off line for Refueling Outage 10 on 9/22/01. Refueling Outage 10 is scheduled for a duration of 75 days.

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
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