



DEC 14 2001

Serial: HNP-01-166

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 November 2001 is provided.

Sincerely,

John R. Caver, acting for

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

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. J. M. Goshen (NRC Project Manager, HNP)
Mr. B. S. Mallett (Acting NRC Regional Administrator, Region II)

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

IE24

CP&L CO.
RUN DATE 12/13/01
RUN TIME 15:02:28

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: NOVEMBER 01
3. LICENSED THERMAL POWER (MWT): 2900
4. NAMEPLATE RATING (GROSS MWE): 950.9
5. DESIGN ELECTRICAL RATING (NET MWE): 941.7
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:

Item 3) Licensed Thermal Power has been changed from 2775 MWT to 2900 MWT per License Amendment No. 107. Item 5) Design Electrical Rating has been changed from 900.0 NET MWE to 941.7 NET MWE. These changes were made as a result of Power Uprate and S/G Replacement Mod implementation during RFO 10. Items 6 and 7) Gross and Net MAX DEPENDABLE CAPACITY is expected to be changed for the January 2002 MOR following formalized performance testing to determine best estimate. MDC testing will be addressed again during peak period conditions to determine actual MDC values.

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	8016.00	127849.00
12. NUMBER OF HOURS REACTOR CRITICAL	.00	6335.15	109263.37
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	.00	6335.10	108305.25
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	.00	18161604.96	305259004.08
17. GROSS ELEC. ENERGY GEN (MWH)	.00	5750138.00	97146888.00
18. NET ELEC. ENERGY GENERATED (MWH)	-7423.00	5386426.00	90745407.00
19. UNIT SERVICE FACTOR	.00	79.03	84.71
20. UNIT AVAILABILITY FACTOR	.00	79.03	84.71
21. UNIT CAP. FACTOR (USING MDC NET)	-1.20	78.13	82.53
22. UNIT CAP. FACTOR (USING DER NET)	-1.09	71.36	75.37
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 90 days.

25. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START UP: December 20, 2001
26. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION): FORECAST ACHIEVED

INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

Enclosure to
Serial: HNP-01-166
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CP&L CO.
RUN DATE 12/03/01
RUN TIME 15:46:34

PLANT PERFORMANCE DATA SYSTEM
APPENDIX B - AVERAGE DAILY POWER LEVEL
HARRIS UNIT 1

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DOCKET NO. 050-400
COMPLETED BY SHEILA ROGERS
TELEPHONE (919) 362-2573

NOVEMBER 2001

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

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
DATE: 012/05/01
COMPLETED BY: S. G. Rogers
TELEPHONE: (919) 362-2573

REPORT MONTH: November 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	720	C	4	NA	ZZ	ZZZZZZ	Plant remains in RFO 10. Harris Plant was taken off line for Refueling Outage 10 on 9/22/01. Refueling Outage is scheduled for a duration of 90 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
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