



Serial: HNP-02-114

AUG 1 5 2002

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 July 2002 is provided.

Sincerely,

James Holt
Manager, Support Services
Harris Nuclear Plant

SGR

Enclosure

c: Mr. J. B. Brady (NRC Senior Resident Inspector, HNP)
Mr. J. M. Goshen (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 08/12/02
RUN TIME 08:58:10

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: JULY 02
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): 960.0
7. MAX DEPENDABLE CAPACITY (NET MWE): 900.0
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	744.00	5087.00	133680.00
12. NUMBER OF HOURS REACTOR CRITICAL	725.67	5050.92	114321.82
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	710.25	4996.38	113301.63
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1909872.72	14169968.40	306268397.58
17. GROSS ELEC. ENERGY GEN (MWH)	628525.00	4775324.00	101922212.00
18. NET ELEC. ENERGY GENERATED (MWH)	587765.00	4488466.00	95215943.00
19. UNIT SERVICE FACTOR	95.46	98.22	84.76
20. UNIT AVAILABILITY FACTOR	95.46	98.22	84.76
21. UNIT CAP. FACTOR (USING MDC NET)	87.78	98.04	82.68
22. UNIT CAP. FACTOR (USING DER NET)	83.89	93.70	75.64
23. UNIT FORCED OUTAGE RATE	4.54	.67	2.64

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 08/12/02
RUN TIME 08:58:10

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

JULY 2002			
DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	907	17	553
2	906	18	891
3	905	19	900
4	906	20	908
5	905	21	908
6	910	22	906
7	912	23	907
8	913	24	909
9	906	25	910
10	903	26	908
11	915	27	905
12	919	28	902
13	7	29	899
14	55	30	899
15	150	31	905
16	164		

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 08/12/02
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: February 2002

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
02-002	07/13/02	F	33.75	A	2	02-02-00	HA	INSTRU	A manual reactor trip was initiated 07/13/02 @ 01:10 due to a turbine valve DEH control system malfunction during initiation of a down power for scheduled turbine valve testing. The DEH control system was repaired. The unit was returned online 07/14/02 @ 10 55. During a 30% hold for chemistry monitoring, a condenser tube leak was identified. Tubes were plugged and the plant was returned to 100% power on 7/18/02.

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