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 FACIL: 50-400 Shearon Harris Nuclear Power Plant, Unit 1, Carolina 05000400
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 ZIMMERMAN, S. R. Carolina Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H. R. Office of Nuclear Reactor Regulation, Director (post 851125)

SUBJECT: Submits info re ECCS performance during operations in Modes 3 & 4. Westinghouse Owners Group resolution re concern associated w/LOCA during Mode 3 & 4 operations adopted.

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NOTES: Application for permit renewal filed. 05000400

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Carolina Power & Light Company

SERIAL: NLS-86-320

AUG 26 1986

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
United States Nuclear Regulatory Commission
Washington, DC 20555

SHEARON HARRIS NUCLEAR POWER PLANT
UNIT NO. 1 - DOCKET NO. 50-400
EMERGENCY CORE COOLING SYSTEM (ECCS) PERFORMANCE
DURING MODES 3 AND 4

Dear Mr. Denton:

Carolina Power & Light Company (CP&L) hereby submits information concerning the Shearon Harris Nuclear Power Plant (SHNPP) ECCS performance during operations in Modes 3 and 4. By letter dated June 24, 1986, Westinghouse notified the staff of a potential concern associated with a loss of coolant accident during operations in Modes 3 and 4 with certain ECCS equipment unavailable. Carolina Power & Light Company has evaluated this concern and has determined that additional analyses may be required. As a member of the Westinghouse Owners' Group (WOG), CP&L hereby commits to adopt the WOG resolution of this concern.

If you have any questions or require additional information on this subject, please contact me at (919) 836-6242.

Yours very truly,

S. R. Zimmerman
Manager

Nuclear Licensing Section

JHE/mf (4064JDK)

cc: Mr. B. C. Buckley (NRC)
Mr. G. F. Maxwell (NRC-SHNPP)
Dr. J. Nelson Grace (NRC-RII)

8609020150 860826
PDR ADDCK 05000400
A PDR

411 Fayetteville Street • P. O. Box 1551 • Raleigh, N. C. 27602

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50-400
3/14/2000

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Monthly operating report for February 2000 for Shearon Harris Nuclear Power Plant. With letter dated 3/14/00.

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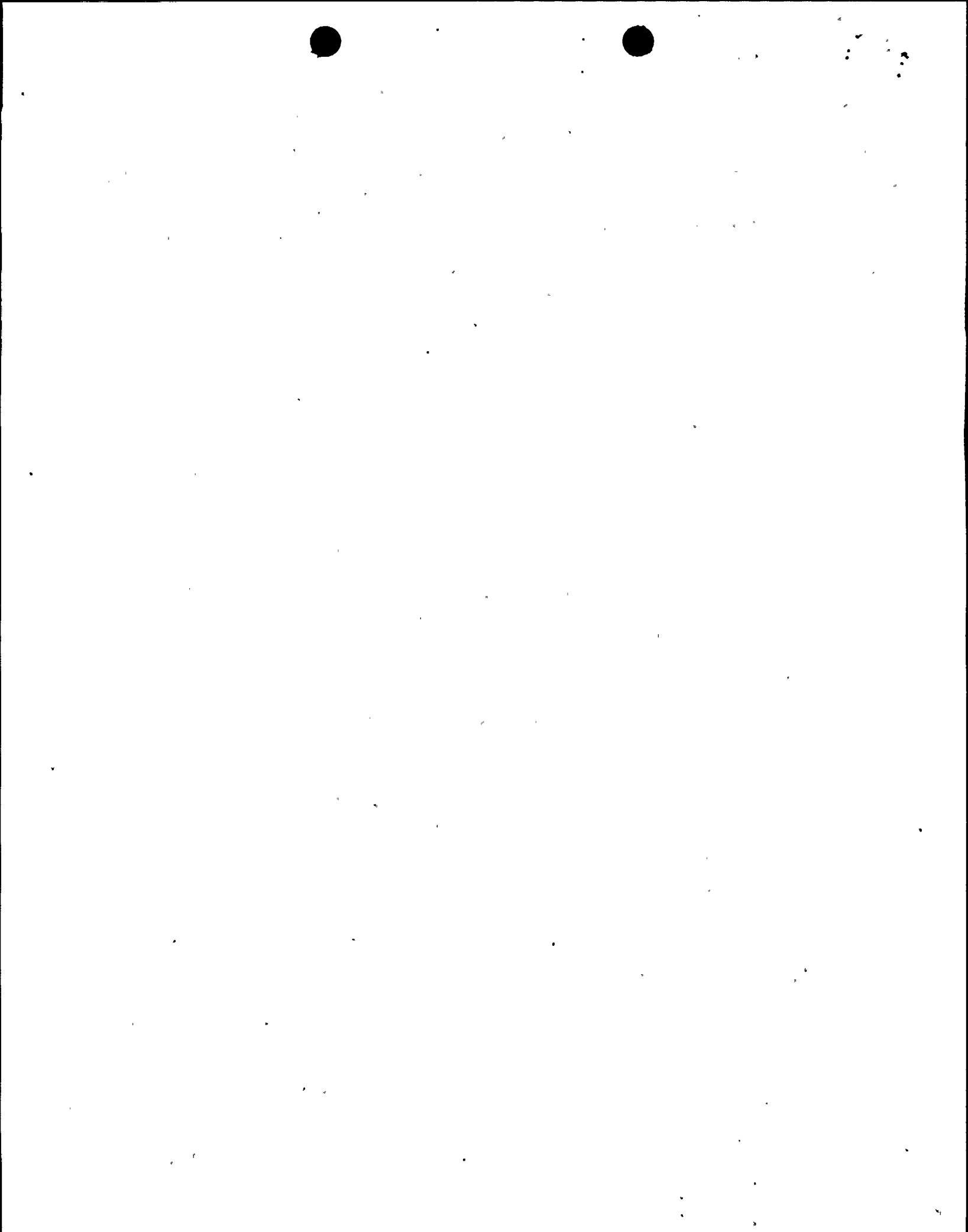
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IE24 - Monthly Operating Report (per Tech Specs)

Docket: 05000400





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

Serial: HNP-00-048

MAR 14 2000

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 February 2000 is provided.

Sincerely,

D. B. Alexander
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)

5413 Shearon Harris Road New Hill NC

141003693271

IE24

1950

1950-1951

1951-1952

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1954-1955

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1959-1960

1960-1961

CP&L CO.
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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 00
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	696.00	1440.00	112489.00
12. NUMBER OF HOURS REACTOR CRITICAL	696.00	1440.00	96240.56
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	696.00	1440.00	95311.00
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1920897.18	3974901.12	256630386.06
17. GROSS ELEC. ENERGY GEN (MWH)	643483.00	1335995.00	85399110.00
18. NET ELEC. ENERGY GENERATED (MWH)	604394.00	1255142.00	79736163.00
19. UNIT SERVICE FACTOR	100.00	100.00	84.73
20. UNIT AVAILABILITY FACTOR	100.00	100.00	84.73
21. UNIT CAP. FACTOR (USING MDC NET)	100.97	101.35	82.42
22. UNIT CAP. FACTOR (USING DER NET)	96.49	96.85	78.76
23. UNIT FORCED OUTAGE RATE	.00	.00	3.06
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 9 is planned to begin April 15, 2000, and is scheduled for a duration of 35 days.

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	_____	_____

10/10/10

10/10/10

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CP&L CO.
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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 2000

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	879	17	876
2	878	18	877
3	878	19	865
4	877	20	877
5	878	21	877
6	859	22	875
7	837	23	872
8	844	24	867
9	855	25	865
10	874	26	866
11	870	27	865
12	841	28	875
13	872	29	873
14	864		
15	876		
16	872		



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UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 02/29/00
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: February 2000

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
00-001	02/12/00	S	0.0	B	5	NA	HA	VALVEX	Plant reduced power to 80% at 00:06 on 2/12/00 to perform quarterly Turbine Valve testing. Testing was completed satisfactory and plant was returned to 100% power on 2/12/00 @ 07:00

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)
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 Exhibit 1 - Same Source

1/14/2000

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DECEMBER 1999 MONTHLY OPERATING REPORT FOR SHEARON HARRIS NUCLEAR POWER PLANT

Body:

Docket: 05000400, Notes: Application for permit renewal filed.

MR



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

Serial: HNP-00-002

JAN 14 2000

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 December 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
5483 Shearon Harris Road New Hill NC

IE24 1/1

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78 90

101 112 123 134

145 156 167 178

189 200 211 222

233 244

255 266 277 288

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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: DECEMBER 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	744.00	8760.00	111049.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.35	8574.95	94800.56
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	705.28	8485.39	93871.00
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1895316.12	23235760.98	252655484.94
17. GROSS ELEC. ENERGY GEN (MWH)	635292.00	7719078.00	84063115.00
18. NET ELEC. ENERGY GENERATED (MWH)	594842.00	7244149.00	78481021.00
19. UNIT SERVICE FACTOR	94.80	96.87	84.53
20. UNIT AVAILABILITY FACTOR	94.80	96.87	84.53
21. UNIT CAP. FACTOR (USING MDC NET)	92.97	96.16	82.18
22. UNIT CAP. FACTOR (USING DER NET)	88.84	91.88	78.52
23. UNIT FORCED OUTAGE RATE	5.20	3.13	3.10

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Plant Refueling Outage number 9 is planned to begin April 15, 2000,
and is scheduled for a duration of 35 days.

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	_____	_____

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CP&L CO.
RUN DATE 01/07/00
RUN TIME 09:35:10

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

DECEMBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	881	17	863
2	879	18	871
3	876	19	870
4	872	20	870
5	870	21	870
6	869	22	873
7	879	23	854
8	879	24	876
9	876	25	877
10	870	26	875
11	878	27	876
12	879	28	877
13	869	29	876
14	108	30	874
15	-3	31	873
16	227		



11/11/11

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11/11/11

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1

UNIT SHUTDOWNS AND POWER REDUCTION

UNIT NAME: Harris
 DATE: 12/31/99
 COMPLETED BY: S. G. Rogers
 TELEPHONE: (919) 362-2573

REPORT MONTH: December 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
99-006	12/14/99	F	38.72	A	2	99-09	HH	PUMPXX	The Reactor was manually tripped on 12/14/99 @ 03:55 when a ground fault occurred on the "A" Condensate pump, which caused a subsequent trip of the "A" Condensate Booster Pump and "A" Main Feedwater Pump. Repairs were made and the plant sync to grid 12/15/99 @ 18:38 and returned to 100% power 12/17/99 @ 04:00.

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
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12/14/99

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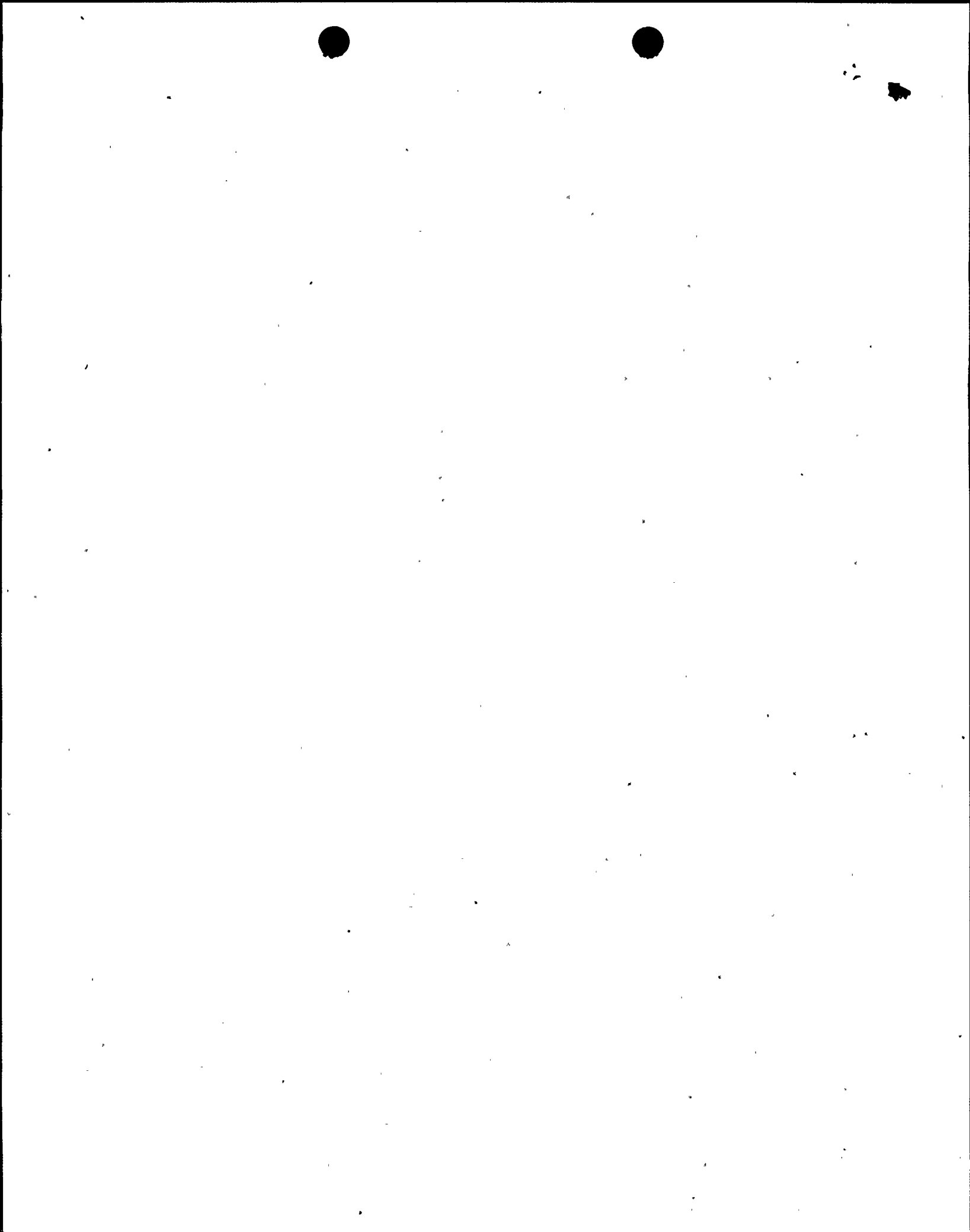
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SHEARON HARRIS NUCLEAR POWER PLANT DOCKET NO. 50400/LICENSE NO. NPF-63
MONTHLY OPERATING REPORT

Body:
PDR ADOCK 05000400 R

Docket: 05000400, Notes: Application for permit renewal filed.

MR





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

Serial: HNP-99-181

DEC 14 1999

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 1999 is provided.

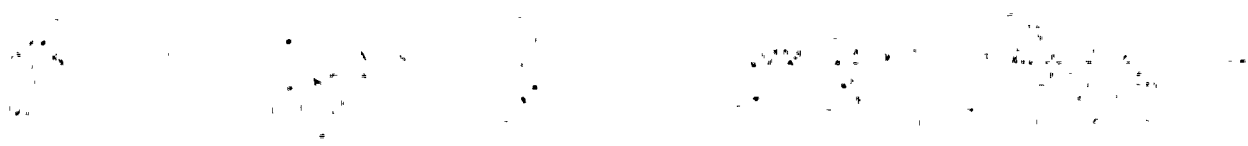
Sincerely,

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



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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 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	720.00	8016.00	110305.00
12. NUMBER OF HOURS REACTOR CRITICAL	720.00	7854.60	94080.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	720.00	7780.11	93165.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	1988695.98	21340444.86	250760168.82
17. GROSS ELEC. ENERGY GEN (MWH)	665787.00	7083786.00	83427823.00
18. NET ELEC. ENERGY GENERATED (MWH)	626676.00	6649307.00	77886179.00
19. UNIT SERVICE FACTOR	100.00	97.06	84.46
20. UNIT AVAILABILITY FACTOR	100.00	97.06	84.46
21. UNIT CAP. FACTOR (USING MDC NET)	101.21	96.45	82.10
22. UNIT CAP. FACTOR (USING DER NET)	96.71	92.17	78.46
23. UNIT FORCED OUTAGE RATE	.00	2.94	3.09
24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):			

Plant Refueling Outage number 9 is planned to begin April 15, 2000, and is scheduled for a duration of 35 days.

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	_____	_____

10/10/1954

10/10/1954

10/10/1954

10/10/1954

10/10/1954

10/10/1954	10/10/1954	10/10/1954	10/10/1954
10/10/1954	10/10/1954	10/10/1954	10/10/1954
10/10/1954	10/10/1954	10/10/1954	10/10/1954
10/10/1954	10/10/1954	10/10/1954	10/10/1954

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RUN DATE 12/08/99
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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

NOVEMBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	866	17	880
2	865	18	879
3	880	19	874
4	880	20	870
5	876	21	868
6	811	22	865
7	871	23	869
8	875	24	871
9	868	25	867
10	865	26	864
11	869	27	876
12	875	28	876
13	872	29	878
14	867	30	880
15	877		
16	879		

12/6/99

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ID: 993480217

Subject:
Leter forwarding a revised NPDES Monthly Operating Report for the month of October, 1999. Flow data has been corrected.

Body:
PDR ADOCK 05000400 R

Docket: 05000400, Notes: Application for permit renewal filed.

MR

FENOC

FirstEnergy Nuclear Operating Company

Perry Nuclear Power Plant
10 Center Road
Perry, Ohio 44081

John K. Wood
Vice President, Nuclear

440-280-5224
Fax: 440-280-8029

December 6, 1999
PY-CEI/OEPA-0325L

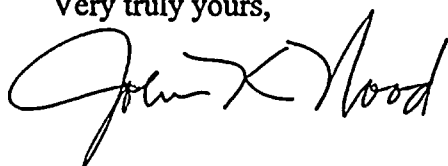
Ohio Environmental Protection Agency
Division of Surface Water
Lazarus Government Center
P.O. Box 1049
Columbus, Ohio 43216-1049
Attention: Bonita Dennis

Ladies and Gentlemen:

Enclosed is a revised NPDES Monthly Operating Report form for the month of October, 1999. Flow data has been corrected. All other information is the same.

If you have questions or require additional information, please contact Ms. Donna Tizzano at (440) 280-5514.

Very truly yours,



DGT:sc

Enclosures

cc: NRC Region III
NRC Resident Inspector
NRC Project Manager
NRC Document Control Desk (Docket No. 50-440)

IE25

PDL ADOCK 0500400

993480217

MONTHLY REPORT FORM

4500

Name, Address City, County, ZIP :
 Perry Nuclear Power Plant
 10 Center Rd. CCB125
 Perry OH 44081

Station Code :
 004

Reported Date (Month Year) :
 October 1999

Application :
 31B00016*ED

12/2/99

Page 1 of 1

Sampling Station Description :
 Point Representative of Discharge

in(1) - Enter 1 for Continuous, 2 for Composite, 3 for Grab Sample	Reporting Lab : CCB140	Analyst : Phil Lashley
in(2) - Enter frequency of sampling		

(1) (2)	1	3	3	3		1	1
	999	1	1	1		999	999
Day	(00400) pH S.U.	(00665) Phosphorus, Total (P) mg/l	(34044) Oxidants, Total Residual mg/l	(50064) Chlorine, Free Available mg/l	(78739) Oxidation/Brominat Duration Minutes	(50050) Flow Rate MGD	(00011) Water Temperature F
01	8.2			0.05	75	51.1	77
02				0	90	51.5	75
03				0	85	55.2	76
04		0.111		0	70	62.5	73
05	8.1			0	110	66.2	72
06				0	28	114.4	72
07				0	0	113.3	65
08	8			0	30	115.8	64
09				0	60	110	66
10				0	55	100	69
11		0.051		0	85	101.7	68
12	8			0	65	78	66
13				0	70	81.9	70
14				0	70	76.7	67
15	8			0.01	65	68.1	66
16				0	80	69.7	68
17				0	84	76.7	68
18		0.138		0.09	70	86.4	66
19	7.8			0.02	79	79	65
20				0.03	80	89.1	66
21				0.1	90	65.4	63
22	8.1			0.05	90	61.6	68
23				0.12	90	54.1	67
24				0.04	90	56.2	66
25		0.112	0	0	100	66.1	64
26	7.9		0	0	105	67.2	66
27			0	0	85	56.7	64
28			0	0	98	58.9	65
29	8		0	0	75	62.8	68
30			0	0	95	63.2	68
31				0	85	62.9	68
TOTAL	72.1	0.412	0	0.51	2354	2322.4	2106
AVG	8.0111	0.103	0	0.0165	75.9355	74.9161	67.9355
MAX	8.2	0.138	0	0.12	110	115.8	77
MIN	7.8	0.051	0	0	0	51.1	63

Additional Remarks :

I certify under the penalty of law that I have personally examined and am familiar with the Information submitted and based on my inquiry of those individuals immediately responsible for obtaining the Information, I believe the submitted Information is true, accurate and complete. I am aware that there are significant penalties for submitting false Information, including the possibility of fine and imprisonment.

Form No EPA 4500 (8-91)

Formerly EPA SURI

Date Report Completed:
 12/01/1999

Signature of Reporter:

Title of Reporter:

11/12/99

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Library: ML_ADAMS^HQNTAD01
ID: 993240487

Subject:
Monthly operating report for October 1999 for Shearon Harris Nuclear Power Plant. With letter dated 11/12/99.

Body:
PDR ADOCK 05000400 R

Docket: 05000400, Notes: Application for permit renewal filed.

MR



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

NOV 12 1999

Serial: HNP-99-177

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 October 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

IE24

993240487

PDIC APPROU



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CP&L CO.
RUN DATE 11/03/99
RUN TIME 14:27:38

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: OCTOBER 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	745.00	7296.00	109585.00
12. NUMBER OF HOURS REACTOR CRITICAL	745.00	7134.60	93360.21
13. REACTOR RESERVE SHUTDOWN HRS	.00	.00	.00
14. HOURS GENERATOR ON LINE	745.00	7060.11	92445.72
15. UNIT RESERVE SHUTDOWN HOURS	.00	.00	.00
16. GROSS THERMAL ENERGY GEN. (MWH)	2062961.64	19351748.88	248771472.84
17. GROSS ELEC. ENERGY GEN (MWH)	688156.00	6417999.00	82762036.00
18. NET ELEC. ENERGY GENERATED (MWH)	647981.00	6022631.00	77259503.00
19. UNIT SERVICE FACTOR	100.00	96.77	84.36
20. UNIT AVAILABILITY FACTOR	100.00	96.77	84.36
21. UNIT CAP. FACTOR (USING MDC NET)	101.14	95.98	81.98
22. UNIT CAP. FACTOR (USING DER NET)	96.64	91.72	78.34
23. UNIT FORCED OUTAGE RATE	.00	3.23	3.11

24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):

Plant Refueling Outage number 9 is planned to begin April 15, 2000, and is scheduled for a duration of 35 days.

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	_____	_____

1 00

1 00

1 00

1 00

1 00

1 00

1 00

1 00

1 00

1 00

1 00

CP&L CO.
RUN DATE 11/03/99
RUN TIME 14:27:37

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

OCTOBER 1999

DAY	AVG. DAILY POWER LEVEL (MWE-NET)	DAY	AVG. DAILY POWER LEVEL (MWE-NET)
1	872	17	860
2	868	18	869
3	860	19	873
4	861	20	872
5	868	21	876
6	874	22	875
7	871	23	876
8	871	24	878
9	864	25	879
10	860	26	874
11	860	27	873
12	867	28	874
13	870	29	872
14	870	30	868
15	873	31	867
16	866		

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