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CRENSHAW, A. Carolina Power & Light Co.
ROBIMNSON, W.R. Carolina Power & Light Co.
RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Monthly operating rept for Jul 1993 for Harris Nuclear Plant, unit 1.W/930809 ltr.

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NOTES: Application for permit renewal filed. 05000400

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CP&L

Carolina Power & Light Company

HARRIS NUCLEAR PLANT
P. O. Box 165
New Hill, North Carolina 27562

AUG 09 1993

File Number: SHF/10-15505

Letter Number: H0931025

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United States Nuclear Regulatory Commission
Washington, DC 20555

HARRIS NUCLEAR PLANT DEPARTMENT UNIT NO. 1
DOCKET NO. 50-400
LICENSE NO. NPF-63
MONTHLY OPERATIONS REPORT

Dear Sirs:

In accordance with Technical Specification 6.9.1.5 for the Harris Nuclear Power Plant, Unit No. 1, Carolina Power & Light Company herewith submits the report of operation statistics and shutdown experience for the month of July 1993.

Yours very truly,



W. R. Robinson
General Manager
Harris Nuclear Plant

APC:dmw

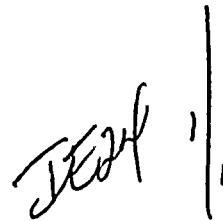
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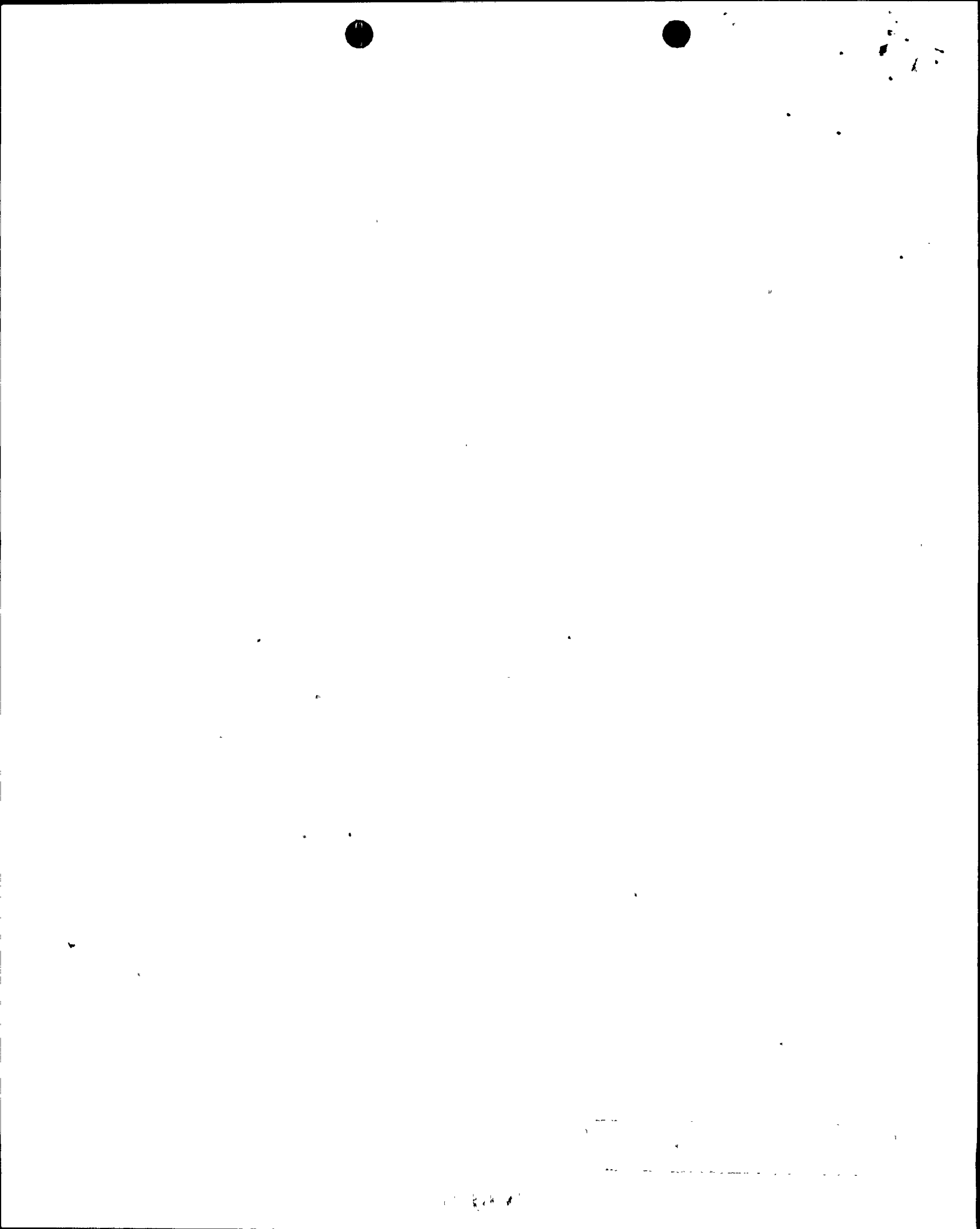
cc: Mr. S. D. Ebnetter (NRC-RII)
Mr. J. E. Tedrow (NRC-SHNPP)

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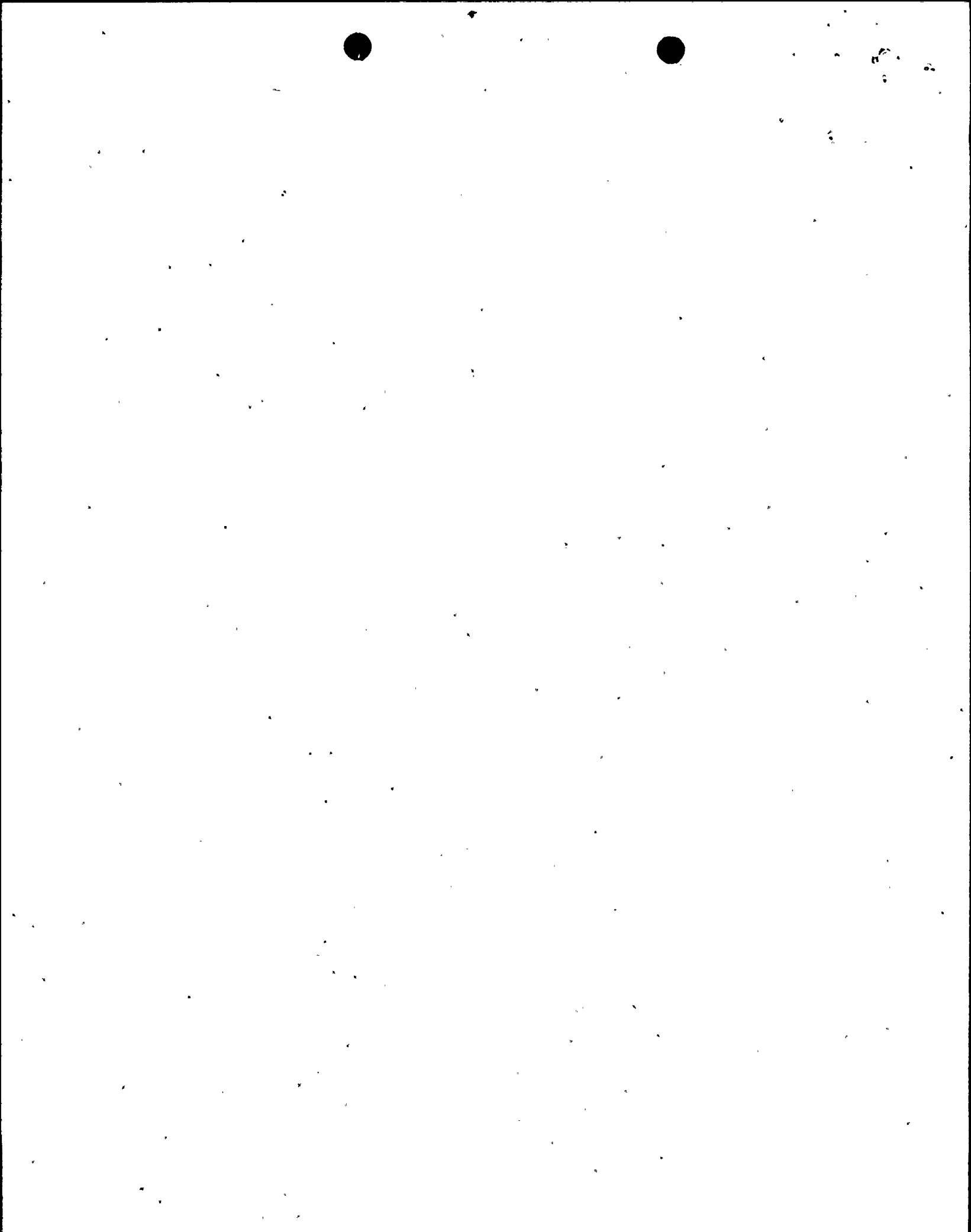


DOCKET NO.: 050-400
UNIT: Harris Unit 1
DATE: July 1993
COMPLETED BY: Amanda Crenshaw

OPERATIONS SUMMARY

Harris Unit 1 operated at 100 percent Availability Factor for the referenced month and a 99.16 percent Capacity Factor. There were no significant power reductions.

There are 157 fuel assemblies in the reactor vessel and 963 spent fuel assemblies stored in the spent fuel pools. 515 of the spent fuel assemblies are BWR, which were shipped to Harris from CP&L's Brunswick Plant. 224 of the spent fuel assemblies are from CP&L's Robinson Plant.



DOCKET NO. 050-400
 COMPLETED BY AMANDA CRENSHAW
 TELEPHONE (919)362-2808

OPERATING STATUS

- | | |
|-------------------------------------------------------------------------------------------------|-------------------------|
| 1. UNIT NAME: HARRIS UNIT 1 | NOTES |
| 2. REPORTING PERIOD: JULY 93 | |
| 3. LICENSED THERMAL POWER (MWT): 2775 | See Operations Summary. |
| 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: None. | |

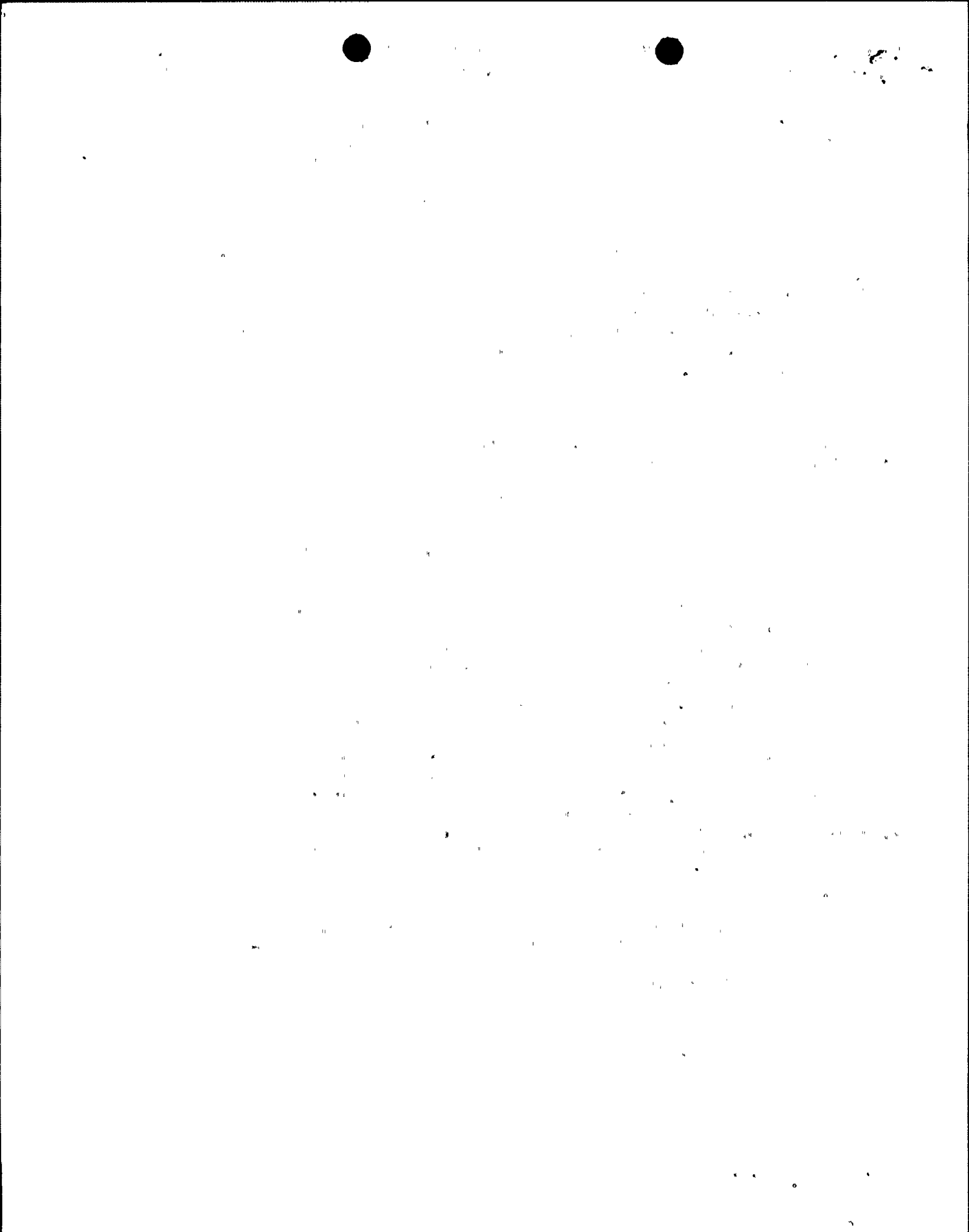
9. POWER LEVEL TO WHICH RESTRICTED IF ANY (NET MWE): None.
 10. REASONS FOR RESTRICTION IF ANY: N/A

| | THIS MONTH | YR TO DATE | CUMULATIVE |
|-----------------------------------------------------------------------------|------------|-------------|--------------|
| 11. HOURS IN REPORTING PERIOD | 744.00 | 5087.00 | 54792.00 |
| 12. NUMBER OF HOURS REACTOR CRITICAL | 744.00 | 5060.41 | 44629.31 |
| 13. REACTOR RESERVE SHUTDOWN HRS | .00 | .00 | .00 |
| 14. HOURS GENERATOR ON LINE | 744.00 | 5048.45 | 44104.63 |
| 15. UNIT RESERVE SHUTDOWN HOURS | .00 | .00 | .00 |
| 16. GROSS THERMAL ENERGY GEN. (MWH) | 2061676.26 | 13840019.46 | 117191124.90 |
| 17. GROSS ELEC. ENERGY GEN. (MWH) | 676851.00 | 4657776.00 | 39072617.00 |
| 18. NET ELEC. ENERGY GENERATED (MWH) | 634479.00 | 4371539.00 | 36377215.00 |
| 19. UNIT SERVICE FACTOR | 100.00 | 99.24 | 80.49 |
| 20. UNIT AVAILABILITY FACTOR | 100.00 | 99.24 | 80.49 |
| 21. UNIT CAP. FACTOR (USING MDC NET) | 99.16 | 99.93 | 77.20 |
| 22. UNIT CAP. FACTOR (USING DER NET) | 94.75 | 95.48 | 73.77 |
| 23. UNIT FORCED OUTAGE RATE | .00 | .00 | 3.61 |
| 24. SHUTDOWNS SCHED. OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH): | | | |

None.

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

PAGE 1
RPD39-000

DOCKET NO. 050-400
COMPLETED BY AMANDA CRENSHAW
TELEPHONE (919)362-2808

JULY 1993

| DAY | AVG. DAILY POWER LEVEL (MWE-NET) | DAY | AVG. DAILY POWER LEVEL (MWE-NET) |
|-----|-------------------------------------|-----|-------------------------------------|
| 1 | 858 | 17 | 855 |
| 2 | 858 | 18 | 855 |
| 3 | 854 | 19 | 854 |
| 4 | 853 | 20 | 853 |
| 5 | 854 | 21 | 856 |
| 6 | 856 | 22 | 855 |
| 7 | 856 | 23 | 855 |
| 8 | 852 | 24 | 849 |
| 9 | 852 | 25 | 833 |
| 10 | 854 | 26 | 852 |
| 11 | 854 | 27 | 832 |
| 12 | 853 | 28 | 847 |
| 13 | 856 | 29 | 845 |
| 14 | 853 | 30 | 856 |
| 15 | 855 | 31 | 861 |
| 16 | 861 | | |



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