

50-220

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MONTHLY REPORT

TO: NRC

FROM: Niagara Mohawk Pwr Corp.  
Syracuse, N. Y. 13202  
R. R. Schneider

DATE OF DOCUMENT  
10/06/77

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DESCRIPTION

Letter trans the following:

1p

PLANT NAME: NINE MILE POINT UNIT # 1  
jcm 10/11/77

ENCLOSURE

Monthly Report for SEPTEMBER, 1977  
Plant & Component Operability & Availability.  
This Report to be used in preparing Gray Book  
by Plans & Operations.

3p

1 CY ENCL Rec'd \*

FOR ACTION/INFORMATION

MIPC W/2. CYS FOR ACTION

INTERNAL DISTRIBUTION

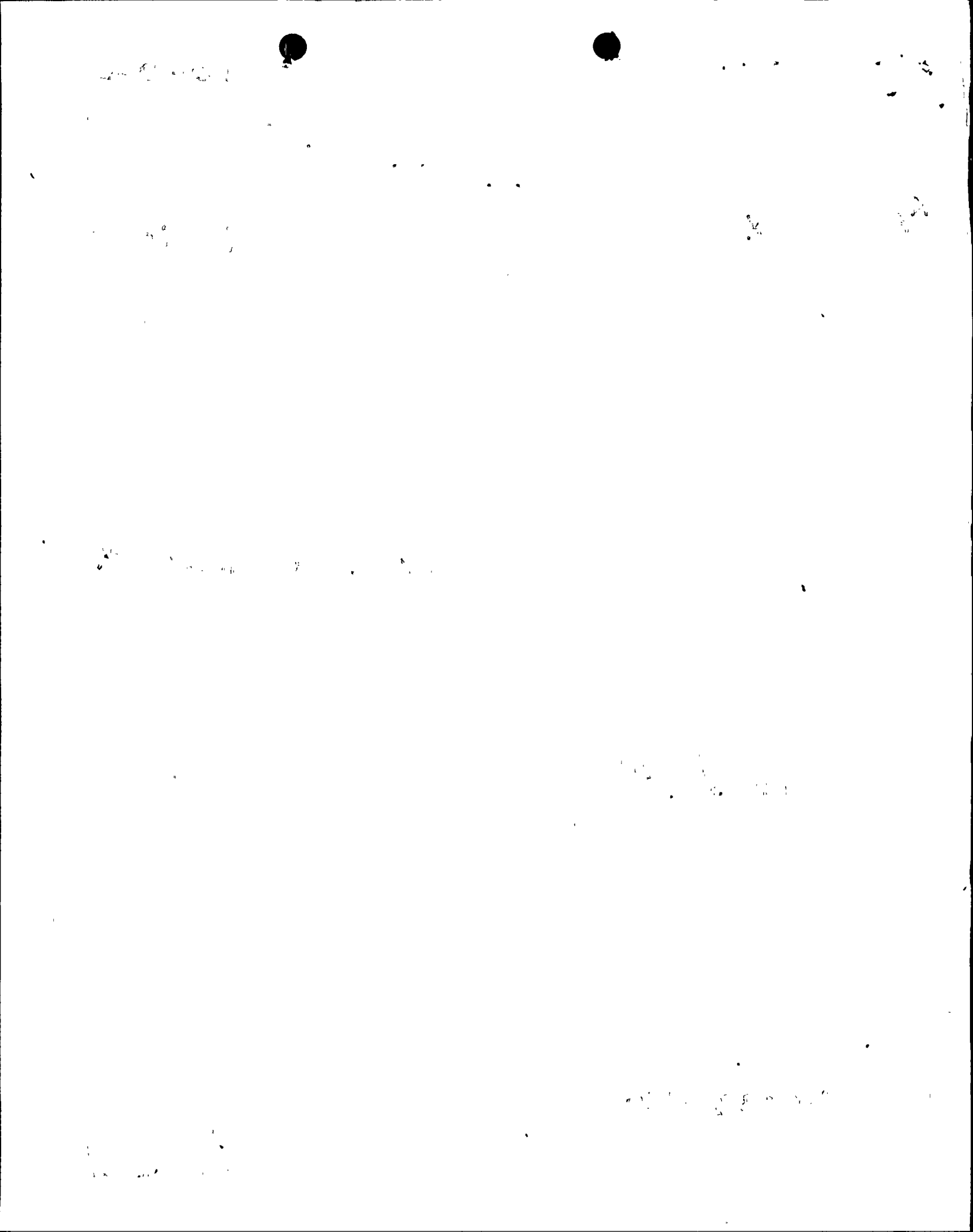
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LPDR: Oswego, N.Y.  
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NIAGARA MOHAWK POWER CORPORATION **COPY**

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202

October 6, 1977


Director  
Office of Management Information &  
Program Control  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for the  
month of September 1977 for the Nine Mile Point Nuclear Station  
Unit #1.

Very truly yours,

  
R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Enc.

cc: Director, I&E (10 copies)  
NRC Region I Office (1 copy)

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APPENDIX C  
OPERATING DATA REPORT

DOCKET NO. 50-220  
 UNIT NINE MILE POINT #1  
 DATE 10/03/77  
 COMPLETED BY T. J. PERKINS *TJP*  
 TELEPHONE (315) 343-2110 ext:1312

OPERATING STATUS .

1. REPORTING PERIOD: 770901-770930 GROSS HOURS IN REPORTING PERIOD: 720
  2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe-Net): 610  
 DESIGN ELECTRICAL RATING (MWe-Net): \_\_\_\_\_
  3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): \_\_\_\_\_
  4. REASONS FOR RESTRICTION (IF ANY): \_\_\_\_\_
- |   | THIS MONTH       | YR TO DATE       | CUMULATIVE        |
|---|------------------|------------------|-------------------|
| 5. NUMBER OF HOURS REACTOR WAS CRITICAL . . . . .     | <u>720</u>       | <u>3,398.4</u>   | <u>49,123.8</u>   |
| 6. REACTOR RESERVE SHUTDOWN HOURS . . . . .           | <u>0</u>         | <u>16.2</u>      | <u>1,204.2</u>    |
| 7. HOURS GENERATOR ON LINE . . . . .                  | <u>720</u>       | <u>3,279.0</u>   | <u>46,785.8</u>   |
| 8. UNIT RESERVE SHUTDOWN HOURS . . . . .              | <u>0</u>         | <u>0</u>         | <u>20.2</u>       |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) . . . . .     | <u>1,320,730</u> | <u>5,817,458</u> | <u>75,118,965</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) . . . . . | <u>440,199</u>   | <u>1,916,836</u> | <u>24,654,891</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) . . . . .   | <u>426,126</u>   | <u>1,855,088</u> | <u>23,886,009</u> |
| 12. REACTOR SERVICE FACTOR . . . . .                  | <u>100</u>       | <u>52.1</u>      | <u>70.8</u>       |
| 13. REACTOR AVAILABILITY FACTOR . . . . .             | <u>100</u>       | <u>50.6</u>      | <u>72.5</u>       |
| 14. UNIT SERVICE FACTOR . . . . .                     | <u>100</u>       | <u>50.1</u>      | <u>67.4</u>       |
| 15. UNIT AVAILABILITY FACTOR . . . . .                | <u>100</u>       | <u>50.1</u>      | <u>67.5</u>       |
| 16. UNIT CAPACITY FACTOR (Using MDC) . . . . .        | <u>97.0</u>      | <u>46.4</u>      | <u>56.4</u>       |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) . . . . . | <u>97.0</u>      | <u>46.4</u>      | <u>56.4</u>       |
| 18. UNIT FORCED OUTAGE RATE . . . . .                 | <u>0</u>         | <u>.08</u>       | <u>11.8</u>       |
19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):  
 Scheduled Snubber Inspection 11/23/77 for 3 days
  20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: \_\_\_\_\_
  21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):
- |                      | FORECAST | ACHIEVED |
|----------------------|----------|----------|
| INITIAL CRITICALITY  | _____    | _____    |
| INITIAL ELECTRICITY  | _____    | _____    |
| COMMERCIAL OPERATION | _____    | _____    |

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT NINE MILE POINT #1

DATE 10/03/77

COMPLETED BY T.J. PERKINS TJP

TELEPHONE (315)343-2110, ext. 1312

MONTH SEPTEMBER 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>590</u>
2	<u>587</u>
3	<u>584</u>
4	<u>581</u>
5	<u>586</u>
6	<u>587</u>
7	<u>587</u>
8	<u>589</u>
9	<u>596</u>
10	<u>592</u>
11	<u>592</u>
12	<u>592</u>
13	<u>589</u>
14	<u>588</u>
15	<u>590</u>
16	<u>592</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>591</u>
18	<u>588</u>
19	<u>590</u>
20	<u>593</u>
21	<u>588</u>
22	<u>595</u>
23	<u>593</u>
24	<u>604</u>
25	<u>608</u>
26	<u>607</u>
27	<u>603</u>
28	<u>602</u>
29	<u>602</u>
30	<u>570</u>
31	<u>        </u>

REMARKS:



Handwritten marks and scribbles in the top right corner, including a cluster of small dots and faint lines.

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220

UNIT NAME NINE MILE PT. #1

DATE 10/03/77

COMPLETED BY T.J. PERKINS

TELEPHONE (315) 343-2110  
 ext. 1312

REPORT MONTH SEPTEMBER 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS

- (1) REASON  
 A: EQUIPMENT FAILURE (EXPLAIN)  
 B: MAINT. OR TEST  
 C: REFUELING  
 D: REGULATORY RESTRICTION  
 E: OPERATOR TRAINING AND  
 LICENSE EXAMINATION  
 F: ADMINISTRATIVE  
 G: OPERATIONAL ERROR (EXPLAIN)  
 H: OTHER (EXPLAIN)

- (2) METHOD  
 1: MANUAL  
 2: MANUAL SCRAM.  
 3: AUTOMATIC SCRAM  
 4: OTHER (EXPLAIN)

SUMMARY:



