

30-220

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FILE NUMBER
MONTHLY REPORT

TO:
N. R. C.

FROM:
Niagara Mohawk Power Corp.
Syracuse, New York
R. R. Schneider

DATE OF DOCUMENT
11/9/77

DATE RECEIVED
11/14/77

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DESCRIPTION

Letter trans the following:

ENCLOSURE

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

PLANT NAME: Nine Mile Point Unit No. 1
RJL 11/14/77 (1-P)

(3-P)

10 ENCL * HEAD-TO-HEAD

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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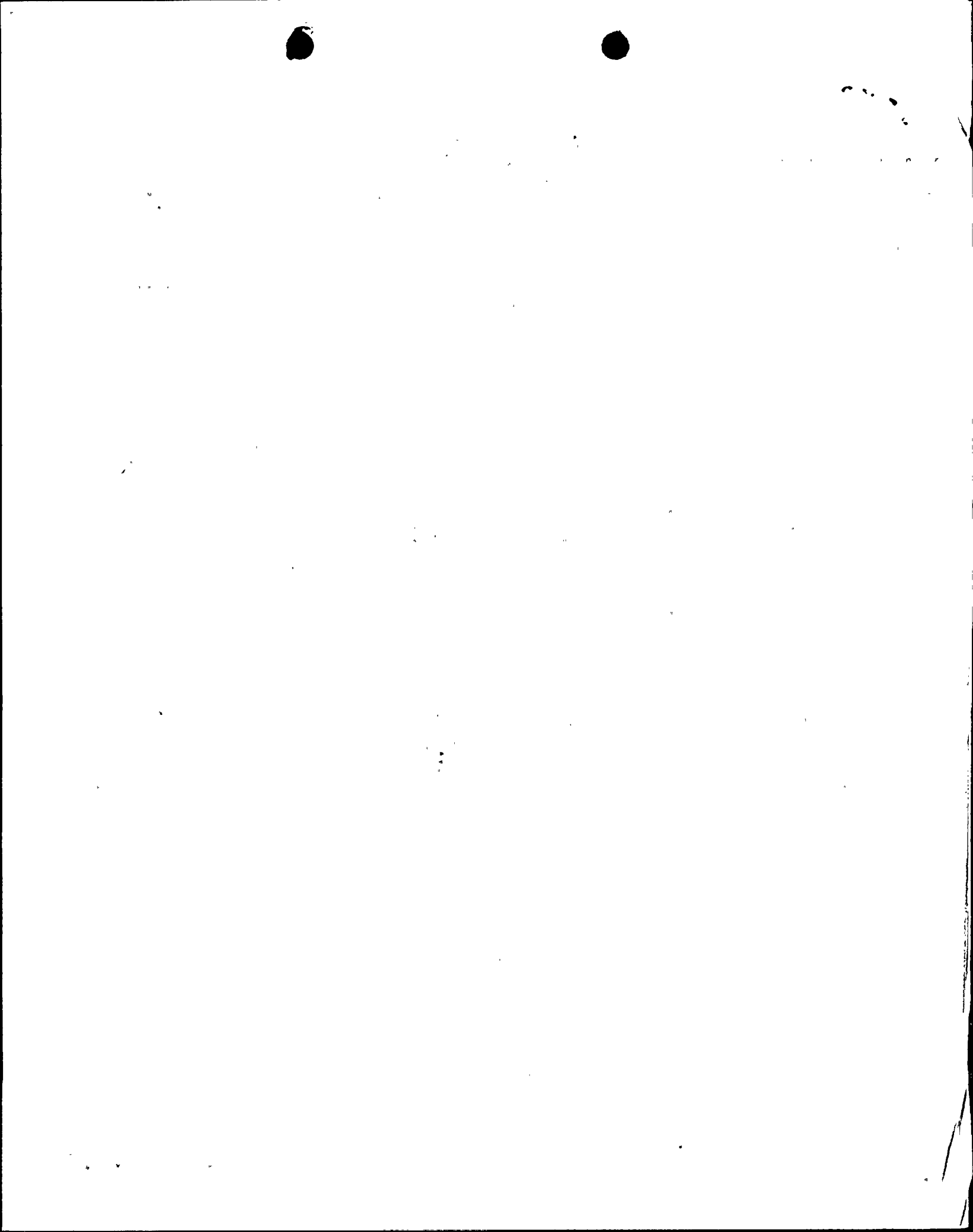
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LPDR: OSWEGO N.Y.

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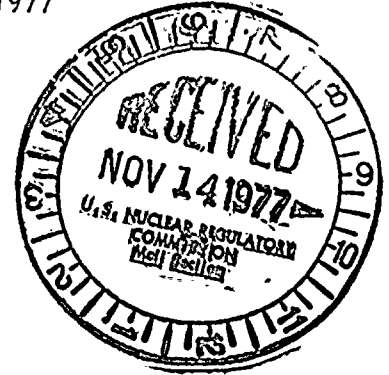


REGULATORY DOCKET FILE COPY
NMP-0095

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

November 9, 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 October 1977 for the Nine Mile Point Nuclear Station
Unit #1.

Very truly yours,

ORIGINAL SIGNED BY R.R. SCHNEIDER

R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Enc.

xc: 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 Pt. Unit#1
 DATE 11-2-77
 COMPLETED BY T.J. Perkins *TJ Perkins*
 TELEPHONE (315) 343-2110 Ext
1312

OPERATING STATUS .

1. REPORTING PERIOD: 77/10/01-77/10/31 GROSS HOURS IN REPORTING PERIOD: _____
2. CURRENTLY AUTHORIZED POWER LEVEL (Mw): _____ MAX. DEPEND. CAPACITY (MWe-Net): _____
 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>616.8</u>	<u>4,015.2</u>	<u>49,740.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE	<u>594.25</u>	<u>3,873.1</u>	<u>47,379.9</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,004,405</u>	<u>6,821,863</u>	<u>85,162,970</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>335,000</u>	<u>2,251,836</u>	<u>24,989,891</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>324,062</u>	<u>2,179,150</u>	<u>24,210,071</u>
12. REACTOR SERVICE FACTOR	<u>82.8</u>	<u>55.3</u>	<u>70.9</u>
13. REACTOR AVAILABILITY FACTOR	<u>82.8</u>	<u>55.3</u>	<u>72.6</u>
14. UNIT SERVICE FACTOR	<u>79.8</u>	<u>53.1</u>	<u>67.6</u>
15. UNIT AVAILABILITY FACTOR	<u>79.8</u>	<u>53.1</u>	<u>67.6</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>71.3</u>	<u>49.0</u>	<u>56.6</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>71.3</u>	<u>49.0</u>	<u>56.6</u>
18. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>.07</u>	<u>11.6</u>

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

Snubber Inspection, 4/24/78 (2 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	_____	_____

NIAGARA MOHAWK POWER CORPORATION
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. Unit #1

DATE 11-1-77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110 Ext. 1312

MONTH October

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>267</u>
2	<u>378</u>
3	<u>446</u>
4	<u>421</u>
5	<u>580</u>
6	<u>590</u>
7	<u>594</u>
8	<u>595</u>
9	<u>594</u>
10	<u>595</u>
11	<u>595</u>
12	<u>596</u>
13	<u>595</u>
14	<u>600</u>
15	<u>599</u>
16	<u>601</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>596</u>
18	<u>601</u>
19	<u>601</u>
20	<u>603</u>
21	<u>519</u>
22	<u>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>283</u>
29	<u>420</u>
30	<u>558</u> 25 hrs
31	<u>588</u>

REMARKS:

NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220

UNIT NAME 9 Mile Pt. Unit #1

DATE 11-7-77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110

Ext. 1312

10-1-77

REPORT MONTH October

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
3	10-1-77	S	24 (Partial)	H	1	Change rod pattern.
4	10-21-77	S	150.75	B	1	Snubber inspection. Replaced #11-13 Recirc pump mechanical seals IRM instrumentation spurrious spike #121 electromatic valve leakage Replaced gasket

RECEIVED DOCUMENT
PROCESSING UNIT

1977 NOV 14 PM 12 59

- (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: