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FROM: Niagara Mohawk Power Corp.  
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**MONTHLY REPORT**

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**DESCRIPTION**

LETTER TRANS THE FOLLOWING:

( 1 Page )

PLANT NAME: Nine Mile Point Unit 1

**ENCLOSURE**

MONTHLY REPORT FOR January 1977  
PLANT & COMPONENT OPERABILITY &  
AVAILABILITY. THIS REPORT TO BE USED IN  
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

( 3 Page )

ACKNOWLEDGED  
DO NOT REMOVE

## SAFETY

**FOR ACTION/INFORMATION**

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

50-220

Regulatory Docket File

February 2, 1977


Office of Plans & Schedules  
Directorate of Licensing  
United States Nuclear Regulatory Commission  
Washington, D.C. 20555

RE: Docket No. 50-220

Gentlemen:

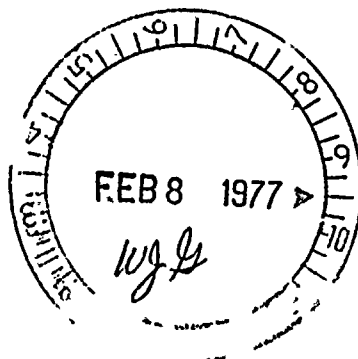
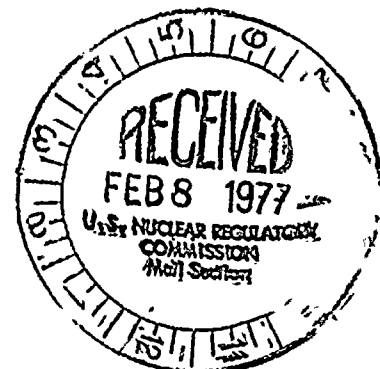
Submitted herewith is the Operating Status Report for the month  
of January 1977 for the Nine Mile Point Nuclear Power Station Unit #1.

Very truly yours,

  
R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Attachments



# APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220  
UNIT Nine Mile Point #1  
DATE 02/03/77  
COMPLETED BY T.J. Perkins  
TELEPHONE (315)343-2110 ext. 1312

## OPERATING STATUS .

1. REPORTING PERIOD: 770101-770131 GROSS HOURS IN REPORTING PERIOD: 744  
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1850 MAX. DEPEND. CAPACITY (MWe-Net): 610  
DESIGN ELECTRICAL RATING (MWe-Net): 610

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	744	744	46,469.4
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	1,188.0
7. HOURS GENERATOR ON LINE	744	744	44,250.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	20.2
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,338,810	1,338,810	70,640,317
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	442,689	442,689	23,180,744
11. NET ELECTRICAL ENERGY GENERATED (MWH)	428,572	428,572	22,459,493
12. REACTOR SERVICE FACTOR	100	100	73.1
13. REACTOR AVAILABILITY FACTOR	100	100	75.0
14. UNIT SERVICE FACTOR	100	100	69.6
15. UNIT AVAILABILITY FACTOR	100	100	69.6
16. UNIT CAPACITY FACTOR (Using MDC)	94.4	94.4	57.9
17. UNIT CAPACITY FACTOR (Using Design MWe)	94.4	94.4	57.9
18. UNIT FORCED OUTAGE RATE	0	0	12.4

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

REFUELING - March 6, 1977 - 12 weeks

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 02/03/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110 ext. 1312

MONTH January 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>580.9</u>
2	<u>584.4</u>
3	<u>582.7</u>
4	<u>578.5</u>
5	<u>577.0</u>
6	<u>574.7</u>
7	<u>572.8</u>
8	<u>493.0</u>
9	<u>523.5</u>
10	<u>578.7</u>
11	<u>582.5</u>
12	<u>581.1</u>
13	<u>583.4</u>
14	<u>582.1</u>
15	<u>584.5</u>
16	<u>581.8</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>578.0</u>
18	<u>576.8</u>
19	<u>582.1</u>
20	<u>583.4</u>
21	<u>583.5</u>
22	<u>582.1</u>
23	<u>583.5</u>
24	<u>584.4</u>
25	<u>582.0</u>
26	<u>581.6</u>
27	<u>581.8</u>
28	<u>581.9</u>
29	<u>581.6</u>
30	<u>578.2</u>
31	<u>574.7</u>

REMARKS:

## UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Nine Mile Point #1

COMPLETED BY T.J. Perkins

REPORT MONTH January 1977

(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)

**SUMMARY:**

