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MONTHLY REPORT

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FROM: Niagara Mohawk Power Corp.  
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## DESCRIPTION

LETTER TRANS THE FOLLOWING:

( 1 page )

PLANT NAME: NINE MILE POINT UNIT # 1

## ENCLOSURE

MONTHLY REPORT FOR December, 1976  
PLANT & COMPONENT OPERABILITY &  
AVAILABILITY. THIS REPORT TO BE USED IN  
PREPARING GRAY BOOK BY PLANS & OPERATIONS.( 2 encl rec'd )  
( 3 pages )

DO NOT REMOVE

ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

JCM 1-14-77

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## INTERNAL DISTRIBUTION

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

Regulatory Docket File January 7, 1977


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

RE: Docket No. 50-220

Gentlemen:

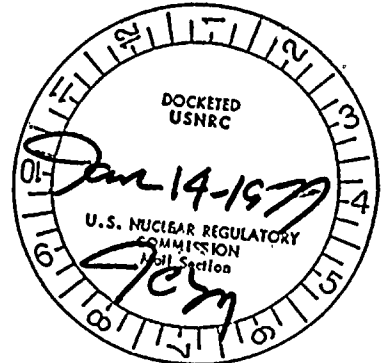
Submitted herewith is the Operating Status Report for  
the month of December 1976 for the Nine Mile Point Nuclear  
Station Unit #1.

Very truly yours,

  
R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Enc.



NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220  
UNIT Nine Mile Point #1  
DATE 77-01-06  
COMPLETED BY T. J. Perkins  
TELEPHONE (315) 343-2110  
Ext. 1312

MONTH December 1976

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>581</u>
2	<u>578</u>
3	<u>575</u>
4	<u>577</u>
5	<u>578</u>
6	<u>572</u>
7	<u>567</u>
8	<u>567</u>
9	<u>567</u>
10	<u>564</u>
11	<u>492</u>
12	<u>534</u>
13	<u>582</u>
14	<u>585</u>
15	<u>584</u>
16	<u>583</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>583</u>
18	<u>585</u>
19	<u>585</u>
20	<u>584</u>
21	<u>584</u>
22	<u>586</u>
23	<u>583</u>
24	<u>587</u>
25	<u>582</u>
26	<u>585</u>
27	<u>584</u>
28	<u>581</u>
29	<u>585</u>
30	<u>586</u>
31	<u>585</u>

REMARKS:

# APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220  
UNIT Nine Mile Point #1  
DATE 77/01/06  
COMPLETED BY T. J. Perkins  
TELEPHONE (315) 343-2110  
Ext. 1312

## OPERATING STATUS.

1. REPORTING PERIOD: 761201-761231 GROSS HOURS IN REPORTING PERIOD: 744  
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 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	7,887.3	45,724.8
6. REACTOR RESERVE SHUTDOWN HOURS	0	402.3	1,248.6
7. HOURS GENERATOR ON LINE	744	7,727.5	43,506.6
8. UNIT RESERVE SHUTDOWN HOURS	0	20.2	20.2
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,339,881	13,086,781	69,301,327
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	442,250	4,244,952	22,737,055
11. NET ELECTRICAL ENERGY GENERATED (MWH)	428,383	4,112,827	22,030,383
12. REACTOR SERVICE FACTOR	100	89.8	72.8
13. REACTOR AVAILABILITY FACTOR	100	94.4	74.8
14. UNIT SERVICE FACTOR	100	88.0	69.2
15. UNIT AVAILABILITY FACTOR	100	88.2	69.3
16. UNIT CAPACITY FACTOR (Using MDC)	94.4	76.8	57.5
17. UNIT CAPACITY FACTOR (Using Design MWe)	94.4	76.8	57.5
18. UNIT FORCED OUTAGE RATE	0	10.3	12.5

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

\_\_\_\_\_

APPENDIX D  
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220  
UNIT NAME Nine Mile Point #1  
DATE 77-01-06  
COMPLETED BY \_\_\_\_\_  
TELEPHONE \_\_\_\_\_

REPORT MONTH December 1976

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
						<p>(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)</p> <p>(2) METHOD 1: MANUAL 2: MANUAL SCRAM. 3: AUTOMATIC SCRAM 4: OTHER (EXPLAIN)</p>

SUMMARY:

1.6-13

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