

50 - 220

**FILE NUMBER**

## MONTHLY REPORT

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

DATE OF DOCUMENT  
12/06/77

DATE RECEIVED  
12/12/77

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**DESCRIPTION**

Letter trans the following:

**ENCLOSURE**

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

(1-P)

(3-P)

PLANT NAME: Nine Mile Point Unit No. 1  
RJL 12/13/77

1 ENCL

**FOR ACTION/INFORMATION**

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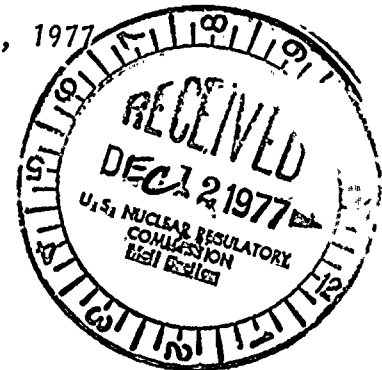
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**CONTROL NUMBER**

773470019

MR

December 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 November 1977 for the Nine Mile Point Nuclear Station  
Unit #1.

Very truly yours,

*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)

773470019

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point Unit 1

DATE 12/05/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110

ext. 1312

MONTH November

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>598</u>
2	<u>601</u>
3	<u>602</u>
4	<u>602</u>
5	<u>601</u>
6	<u>447</u>
7	<u>---</u>
8	<u>---</u>
9	<u>---</u>
10	<u>---</u>
11	<u>---</u>
12	<u>351</u>
13	<u>492</u>
14	<u>497</u>
15	<u>603</u>
16	<u>593</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>600</u>
18	<u>606</u>
19	<u>608</u>
20	<u>607</u>
21	<u>605</u>
22	<u>606</u>
23	<u>608</u>
24	<u>610</u>
25	<u>608</u>
26	<u>610</u>
27	<u>587</u>
28	<u>226</u>
29	<u>434</u>
30	<u>517</u>
31	<u>---</u>

REMARKS:

# APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220  
UNIT Nine Mile Point Unit 1  
DATE 12/05/77  
COMPLETED BY T.J. Perkins  
TELEPHONE (315) 343-2110  
ext. 1312

## OPERATING STATUS

1. REPORTING PERIOD: 77-11-30 GROSS HOURS IN REPORTING PERIOD: 720
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	<u>583.3</u>	<u>4599.5</u>	<u>50,324.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE	<u>556.05</u>	<u>4429.3</u>	<u>43,435.05</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>991,006</u>	<u>7,814,448</u>	<u>13,335,988</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>334,827</u>	<u>2,586,663</u>	<u>25,324,718</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>323,970</u>	<u>2,503,120</u>	<u>24,534,041</u>
12. REACTOR SERVICE FACTOR	<u>81</u>	<u>57.4</u>	<u>71</u>
13. REACTOR AVAILABILITY FACTOR	<u>81</u>	<u>57.6</u>	<u>72.7</u>
14. UNIT SERVICE FACTOR	<u>77</u>	<u>55.3</u>	<u>67.7</u>
15. UNIT AVAILABILITY FACTOR	<u>77</u>	<u>55.3</u>	<u>67.7</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>74</u>	<u>51.2</u>	<u>56.8</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>74</u>	<u>51.2</u>	<u>56.8</u>
18. UNIT FORCED OUTAGE RATE	<u>3.3</u>	<u>0.5</u>	<u>11.5</u>

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

May 28, 1978 Snubber Inspection

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

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. \_\_\_\_\_

UNIT NAME Nine Mile Point Unit1

DATE 12/02/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110  
ext. 1312

REPORT MONTH NOVEMBER

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	11/16	S	22.63	A	1	Rx. Recirc. Pump #15 seal leak Replaced seals #11-14-15
	11/27	F	19.17	A	3	Turbine Stop Valve testing Replaced solenoid valve on #11 T.S.V.

(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:

RECEIVED DOCUMENT  
SING UNIT

1977 DEC 12 AM 11 02

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