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(2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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50-220

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FILE NUMBER  
MONTHLY REPORT

TO: MIPG

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

DATE OF DOCUMENT  
1-10-78

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DESCRIPTION

LTR TRANS THE FOLLOWING: 1P

PLANT NAME: Nine Mile Pt. Unit 1

DHL

ENCLOSURE

MONTHLY REPORT FOR DECEMBER 1977  
PLANT & COMPONENT OPERABILITY & AVAILABILITY.  
THIS REPORT TO BE USE IN PREPARING GRAY BOOK  
BY PLANS & OPERATIONS. 3P

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FOR ACTION/INFORMATION

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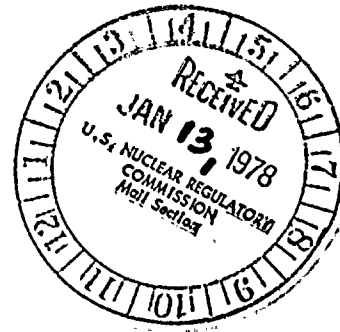
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January 10, 1978



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 December 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)

780130020

# APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220  
UNIT 9 Mile Pt. Unit #1  
DATE 1/5/78  
COMPLETED BY T. J. Perkins  
TELEPHONE 315-343-2110 ext. 1312

## OPERATING STATUS .

1. REPORTING PERIOD: 77/12/01-77/12/31 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 .....	<u>744</u>	<u>5343.5</u>	<u>51068.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>16.2</u>	<u>1204.2</u>
7. HOURS GENERATOR ON LINE .....	<u>744</u>	<u>5184.6</u>	<u>48790.3</u>
8. UNIT RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) .....	<u>1337892</u>	<u>9152502</u>	<u>78454009</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .....	<u>456994</u>	<u>3043657</u>	<u>25781712</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) .....	<u>442882</u>	<u>294942</u>	<u>24976863</u>
12. REACTOR SERVICE FACTOR .....	<u>100</u>	<u>61</u>	<u>71</u>
13. REACTOR AVAILABILITY FACTOR .....	<u>100</u>	<u>61</u>	<u>73</u>
14. UNIT SERVICE FACTOR .....	<u>100</u>	<u>59</u>	<u>68</u>
15. UNIT AVAILABILITY FACTOR .....	<u>100</u>	<u>59</u>	<u>68</u>
16. UNIT CAPACITY FACTOR (Using MDC) .....	<u>97.6</u>	<u>55</u>	<u>57</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) .....	<u>97.6</u>	<u>55</u>	<u>57</u>
18. UNIT FORCED OUTAGE RATE .....	<u>0</u>	<u>.005</u>	<u>0.1</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

\_\_\_\_\_



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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 01/10/78

COMPLETED BY T.J. Perkins

TELEPHONE 315-343-2110

ext. 1312

REPORT MONTH DECEMBER

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	12/23	S	2:02	F	1	625 - 525
	12/24	S	1:48	F	1	613 - 470
	12/24	S	2:15	F	1	522 - 470
	12/25	S	5:10	F	1	618 - 418
	12/30	S	6:10	F	1	623 - 288

POWER CONTROL

ECONOMIC DIS-

PATCH

ROD SWAP

(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:



10/10/10

11/11/11

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

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

UNIT 9 Mile Pt. Unit 1

DATE January 10, 1978

COMPLETED BY T.J. Perkins

TELEPHONE 315-343-2110  
ext. 1312

MONTH DECEMBER

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	599
2	607
3	610
4	610
5	608
6	608
7	606
8	606
9	605
10	606
11	607
12	607
13	608
14	608
15	608
16	599

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	596
18	609
19	609
20	608
21	612
22	612
23	598
24	580
25	553
26	602
27	610
28	610
29	611
30	597
31	342

REMARKS:



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