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50-220

FILE NUMBER  
MONTHLY REPORT

TO:  
  
N. R. C.

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

DATE OF DOCUMENT  
4/6/77

DATE RECEIVED  
4/12/77

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DESCRIPTION  
LETTER TRANS THE FOLLOWING:

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

PLANT NAME:  
Nine Mile Point No. 1

(1-P)

(3-P)

**ACKNOWLEDGED**  
**DO NOT REMOVE**

RJL

SAFETY

FOR ACTION/INFORMATION

ENVIRO

MIPC  
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG FILE  
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EXTERNAL DISTRIBUTION

LPDR: *Oswego NY*  
TIC  
NSIC

CONTROL NUMBER

*771040411*

CONFIDENTIAL

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

Regulatory

File Cy:

April 6, 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 March 1977 for the Nine Mile Point Nuclear Station  
Unit #1.

Very truly yours,



R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Attachments



771040411

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NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

OPERATING DATA REPORT

DOCKET NO. 50-220  
 UNIT Nine Mile Point #1  
 DATE 06/04/77  
 COMPLETED BY T.J. Perkins  
 TELEPHONE (315) 343-2110 Ext-1312

OPERATING STATUS

1. REPORTING PERIOD: 770301-770-331 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>104.3</u>	<u>1504.1</u>	<u>47229.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>16.2</u>	<u>1204.2</u>
7. HOURS GENERATOR ON LINE .....	<u>98.7</u>	<u>1489.1</u>	<u>44995.9</u>
8. UNIT RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) .....	<u>175,142</u>	<u>986,655</u>	<u>71,935.403</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .....	<u>57,271</u>	<u>868,784</u>	<u>23,606,839</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) .....	<u>55,422</u>	<u>841,217</u>	<u>22,872,138</u>
12. REACTOR SERVICE FACTOR .....	<u>14.0</u>	<u>69.6</u>	<u>72.7</u>
13. REACTOR AVAILABILITY FACTOR .....	<u>14.0</u>	<u>70.4</u>	<u>72.7</u>
14. UNIT SERVICE FACTOR .....	<u>13.3</u>	<u>68.9</u>	<u>69.2</u>
15. UNIT AVAILABILITY FACTOR .....	<u>13.3</u>	<u>68.9</u>	<u>69.3</u>
16. UNIT CAPACITY FACTOR (Using MDC) .....	<u>12.2</u>	<u>63.8</u>	<u>57.7</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) .....	<u>12.2</u>	<u>63.8</u>	<u>57.7</u>
18. UNIT FORCED OUTAGE RATE .....	<u>0</u>	<u>1.7</u>	<u>12.2</u>

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

20. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 770528



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

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 06/04/77

COMPLETED BY T.J. Perkins *T.J. Perkins*

TELEPHONE \_\_\_\_\_

MONTH March 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	581
2	581
3	584
4	550
5	12
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

REMARKS:



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NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220

UNIT NAME Nine Mile Point #1

DATE 06/04/77

COMPLETED BY T.J. Perkins

TELEPHONE (315)343-2110 Ext1312

REPORT MONTH March, 1977

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
2	3/5/77	S	645.3	G	1	Refueling & annaul overhaul

- (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  
PROCESSING UNIT

1977 APR 12 AM 3 33