





## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202

July 7, 1977

Regulatory

File Cye


Director  
Office of Management Information  
and 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 June 1977 for the Nine Mile Point Nuclear Station  
Unit #1.

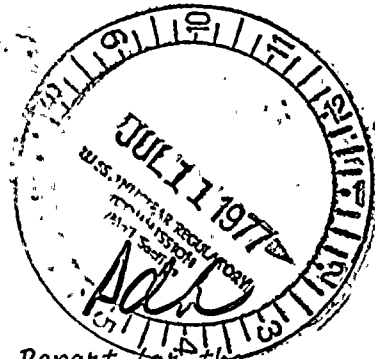
Very truly yours,

  
R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Enc.

xc: Director, I&E (10 copies)  
NRC Region I Office (1 copy)



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FEBRUARY 1964

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 07/07/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110  
 Ext 1312

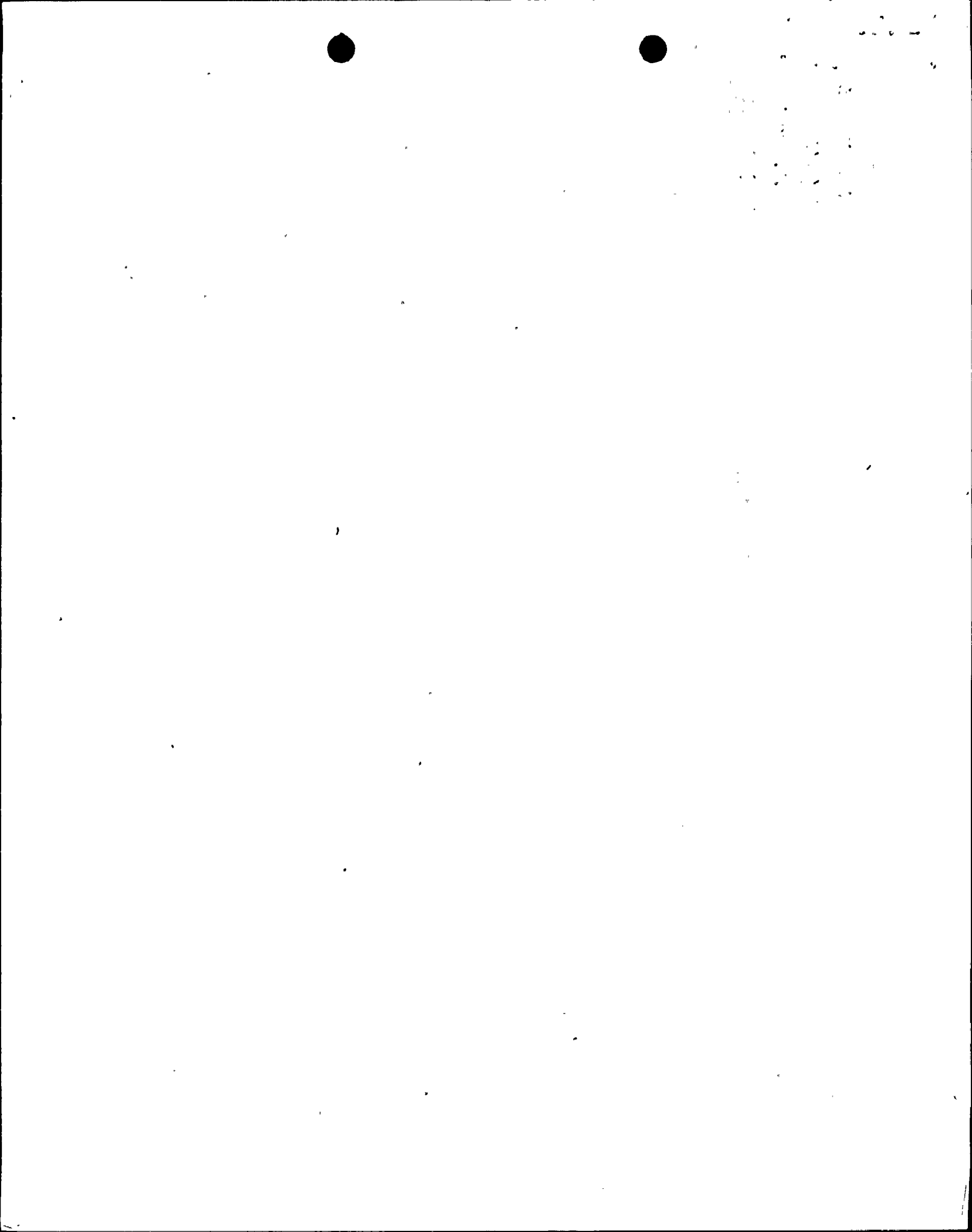
REPORT MONTH JUNE, 1977

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	720	C	1	REFUELING & ANNUAL 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:



APPENDIX B  
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 07/07/77

COMPLETED BY T.J. Perkins *TJP*

TELEPHONE (315) 343-2110  
Ext. 1312

MONTH \_\_\_\_\_

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_  
4 \_\_\_\_\_  
5 \_\_\_\_\_  
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 \_\_\_\_\_

**INSTRUCTIONS**

On this form, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

These figures will be used to plot a graph for each reporting month. Note that when maximum dependable capacity is used for the net electrical rating of the unit, there may be occasions when the daily average power level exceeds the 100% line (or the restricted power level line). In such cases, the average daily unit power output sheet should be footnoted to explain the apparent anomaly.

**APPENDIX C  
OPERATING DATA REPORT**

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 07/07/77

COMPLETED BY T.J. Perkins *TJP*

TELEPHONE (315) 343-2110 Ext. 1312

**OPERATING STATUS .**

1. REPORTING PERIOD: 770601-770630 GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL (Mw): 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>0</u>	<u>1,504.1</u>	<u>47,229.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE .....	<u>0</u>	<u>1,489.1</u>	<u>44,995.9</u>
8. UNIT RESERVE SHUTDOWN HOURS .....	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) .....	<u>0</u>	<u>2,633,896</u>	<u>71,935,403</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .....	<u>0</u>	<u>868,784</u>	<u>23,606,839</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) .....	<u>0</u>	<u>841,217</u>	<u>22,872,138</u>
12. REACTOR SERVICE FACTOR .....	<u>0</u>	<u>34.6</u>	<u>70.3</u>
13. REACTOR AVAILABILITY FACTOR .....	<u>0</u>	<u>35.0</u>	<u>72.1</u>
14. UNIT SERVICE FACTOR .....	<u>0</u>	<u>34.3</u>	<u>67.0</u>
15. UNIT AVAILABILITY FACTOR .....	<u>0</u>	<u>34.3</u>	<u>67.0</u>
16. UNIT CAPACITY FACTOR (Using MDC) .....	<u>0</u>	<u>31.8</u>	<u>55.8</u>
17. UNIT CAPACITY FACTOR (Using Design MWe) .....	<u>0</u>	<u>31.8</u>	<u>55.8</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: 7/10/77

21. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	FORECAST	ACHIEVED
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____



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