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**MONTHLY REPORT**

TO: USNRC

FROM: NIAGARA MOHAWK POWER CORP.  
SYRACUSE, N.Y.  
R.R. SCHNEIDER

DATE OF DOCUMENT  
**6/7/77**

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DESCRIPTION

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**ACKNOWLEDGED**  
(1P)

ENCLOSURE

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

(3P)

PLANT NAME: NINE MILE PT # 1  
SAB

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202June 7, 1977  
**REGULATORY DOCKET FILE COPY**

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 May, 1977 for the Nine Mile Point Nuclear Station  
Unit #1.

Very truly yours,



R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Enc.

771660037



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NINE MILE POINT NUCLEAR STATION  
NIAGARA CATHAWAK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point Unit #1

DATE 06/06/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110 Ext-1312

MONTH May, 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_  
4 \_\_\_\_\_  
5 \_\_\_\_\_  
6 \_\_\_\_\_  
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14 \_\_\_\_\_  
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16 \_\_\_\_\_

NO GENERATION

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17 \_\_\_\_\_  
18 \_\_\_\_\_  
19 \_\_\_\_\_  
20 \_\_\_\_\_  
21 \_\_\_\_\_  
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31 \_\_\_\_\_

REMARKS:



1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes that this is essential for ensuring transparency and accountability in the organization's operations.

2. The second part of the document outlines the various methods and tools used to collect and analyze data. It highlights the need for consistent and reliable data collection processes to support informed decision-making.

3. The third part of the document focuses on the role of technology in modern data management. It discusses how advanced software solutions can streamline data collection, storage, and analysis, thereby improving efficiency and accuracy.

4. The fourth part of the document addresses the challenges associated with data security and privacy. It stresses the importance of implementing robust security measures to protect sensitive information from unauthorized access and breaches.

5. The fifth part of the document concludes by summarizing the key findings and recommendations. It reiterates the need for a comprehensive data management strategy that integrates all aspects of data collection, analysis, and security.

6. The sixth part of the document provides a detailed overview of the data collection process, including the identification of data sources, the selection of appropriate collection methods, and the implementation of data collection protocols.

7. The seventh part of the document discusses the importance of data quality and the steps taken to ensure that the collected data is accurate, complete, and consistent. It highlights the role of data validation and quality control measures.

8. The eighth part of the document explores the various applications of data analysis, from identifying trends and patterns to forecasting future performance. It emphasizes the value of data-driven insights in strategic planning and decision-making.

9. The ninth part of the document addresses the ethical considerations surrounding data collection and analysis. It discusses the need for transparency, informed consent, and the protection of individual privacy rights.

10. The tenth part of the document provides a final summary and outlook for the future of data management. It highlights the ongoing challenges and opportunities in the field and offers suggestions for continued improvement and innovation.

APPENDIX C  
OPERATING DATA REPORT

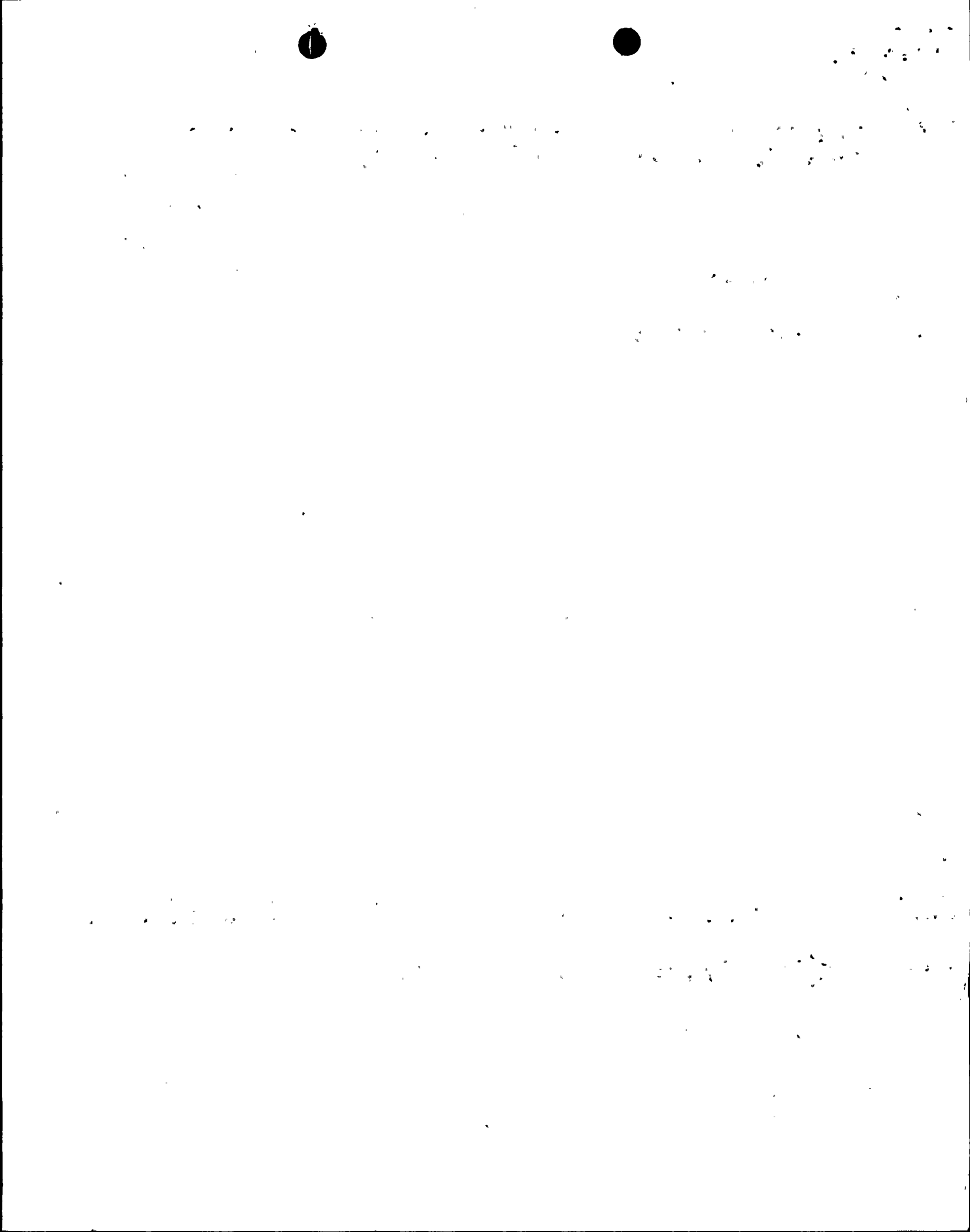
DOCKET NO. 50-220  
 UNIT Nine Mile Point #1  
 DATE 06/07/77  
 COMPLETED BY T.J. Perkins *TJ Perkins*  
 TELEPHONE (315) 343-2110 Ext1312

OPERATING STATUS

1. REPORTING PERIOD: 770501-770531 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>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>41.5</u>	<u>71.1</u>
13. REACTOR AVAILABILITY FACTOR	<u>0</u>	<u>42.0</u>	<u>72.9</u>
14. UNIT SERVICE FACTOR	<u>0</u>	<u>41.1</u>	<u>67.7</u>
15. UNIT AVAILABILITY FACTOR	<u>0</u>	<u>41.1</u>	<u>67.7</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>0</u>	<u>38.1</u>	<u>56.4</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>0</u>	<u>38.1</u>	<u>56.4</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: 770630  
 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. 50-220

UNIT NAME Nine Mile Point #1

DATE 06/06/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110 Ext1312

REPORT MONTH \_\_\_\_\_

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	744	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:

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1977 JUN 13 AM 11 45