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MONTHLY REPORT

TO:
N. R. C.

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

DATE OF DOCUMENT
1/10/78

DATE RECEIVED
1/16/78

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DESCRIPTION

LTR TRANS THE FOLLOWING:

PLANT NAME: Nine Mile Point Unit No. 1
RJL 1/16/78

(1-P)

ENCLOSURE

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

(3-P)

10 ENCL *

FOR ACTION/INFORMATION

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~~REG FILES~~

NRC PDR

BRANCH CHIEF (1) (2) LEAR

LIC ASST.

EXTERNAL DISTRIBUTION

LPDR: **OSWEGO N.Y.**

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780160159

NMP-0108

NIAGARA MOHAWK POWER CORPORATION/300 ERIE BOULEVARD WEST, SYRACUSE, N.Y. 13202/TELEPHONE (315) 474-1511

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
Vice President -
Electric Production

MAS/mtm

Enc.

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

780160159

APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220

UNIT 9 Mile Pt. Unit #1

DATE 1/5/78

COMPLETED BY T. G. 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 (MWt): 1850 MAX. DEPEND. CAPACITY (MWt-Net): 610
DESIGN ELECTRICAL RATING (MWt-Net): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWt-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):

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 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

(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)

(2) METHOD
 1: MANUAL
 2: MANUAL SCRAM.
 3: AUTOMATIC SCRAM
 4: OTHER (EXPLAIN)

SUMMARY:

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

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

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

REMARKS:

U.S. ARC
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