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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

MIPC W/2 CYS FOR ACTION

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~~REG FILES~~

NRC PDR

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EXTERNAL DISTRIBUTION

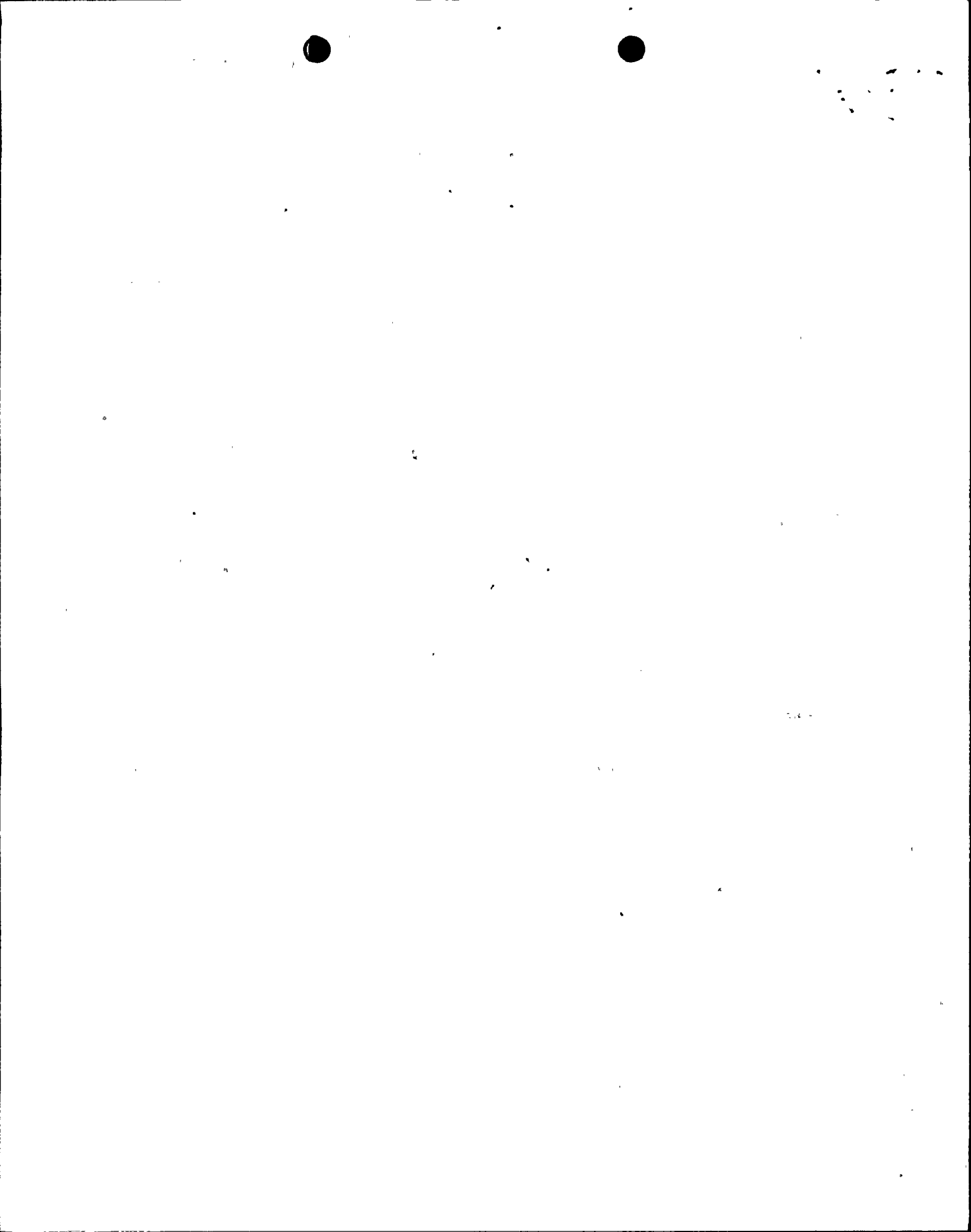
LPDR: OSWEGO N.Y.

TIC:

NSIC

CONTROL NUMBER

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,

A handwritten signature in cursive script that reads "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)

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 (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	_____	_____

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)

(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	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:

RECEIVED DOCUMENT
CONTROL DESK
JAN 16 11 20 AM '78
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