

50-220

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

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MONTHLY REPORT

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DESCRIPTION

Letter trans the following:

ENCLOSURE

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

(1-P)

(3-P)

PLANT NAME: Nine Mile Point Unit No. 1
RJL 12/13/77

1 ENCL

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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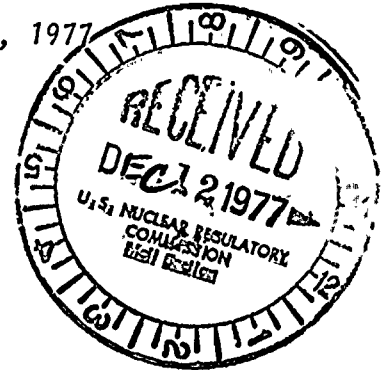
CONTROL NUMBER

LPDR: OSWEGO NY
TIC
NSIC

773470019

MR

December 6, 1977




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 November 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)

773470019

NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point Unit 1

DATE 12/05/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110

ext. 1312

MONTH November

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>598</u>
2	<u>601</u>
3	<u>602</u>
4	<u>602</u>
5	<u>601</u>
6	<u>447</u>
7	<u>---</u>
8	<u>---</u>
9	<u>---</u>
10	<u>---</u>
11	<u>---</u>
12	<u>351</u>
13	<u>492</u>
14	<u>497</u>
15	<u>603</u>
16	<u>593</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>600</u>
18	<u>606</u>
19	<u>608</u>
20	<u>607</u>
21	<u>605</u>
22	<u>606</u>
23	<u>608</u>
24	<u>610</u>
25	<u>608</u>
26	<u>610</u>
27	<u>587</u>
28	<u>226</u>
29	<u>434</u>
30	<u>517</u>
31	<u>---</u>

REMARKS:

**APPENDIX C
OPERATING DATA REPORT**

DOCKET NO. 50-220
 UNIT Nine Mile Point Unit 1
 DATE 12/05/77
 COMPLETED BY T.J. Perkins
 TELEPHONE (315) 343-2110
 ext. 1312

OPERATING STATUS

1. REPORTING PERIOD: 77-11-30 GROSS HOURS IN REPORTING PERIOD: 720
 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>583.3</u>	<u>4599.5</u>	<u>50,324.9</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE	<u>556.05</u>	<u>4429.3</u>	<u>43,435.05</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>991,006</u>	<u>7,814,448</u>	<u>13,335,988</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>334,827</u>	<u>2,586,663</u>	<u>25,324,718</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>323,970</u>	<u>2,503,120</u>	<u>24,534,041</u>
12. REACTOR SERVICE FACTOR	<u>81</u>	<u>57.4</u>	<u>71</u>
13. REACTOR AVAILABILITY FACTOR	<u>81</u>	<u>57.6</u>	<u>72.7</u>
14. UNIT SERVICE FACTOR	<u>77</u>	<u>55.3</u>	<u>67.7</u>
15. UNIT AVAILABILITY FACTOR	<u>77</u>	<u>55.3</u>	<u>67.7</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>74</u>	<u>51.2</u>	<u>56.8</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>74</u>	<u>51.2</u>	<u>56.8</u>
18. UNIT FORCED OUTAGE RATE	<u>3.3</u>	<u>0.5</u>	<u>11.5</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	_____	_____



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NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. _____

UNIT NAME Nine Mile Point Unit 1

DATE 12/02/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110
ext. 1312

REPORT MONTH NOVEMBER

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
	11/16	S	22.63	A	1	Rx. Recirc. Pump #15 seal leak Replaced seals #11-14-15
	11/27	F	19.17	A	3	Turbine Stop Valve testing Replaced solenoid valve on #11 T.S.V.

- (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 DEC 12 AM 11 02

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