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FILE NUMBER
MONTHLY REPORT

TO: NRC

FROM: Niagara Mohawk Power Corp.
Syracuse N.Y. 13202
R. R. Schneider

DATE OF DOCUMENT
1-7-77

DATE RECEIVED
1-14-77

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(1 page)

PLANT NAME: NINE MILE POINT UNIT # 1

ENCLOSURE
MONTHLY REPORT FOR December, 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

(2 encl rec'd)
(3 pages)

DO NOT REMOVE

ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

JCM 1-14-77

MIPC
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CONTROL NUMBER

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

Regulatory Docket File January 7, 1977


Office of Plans & Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20555

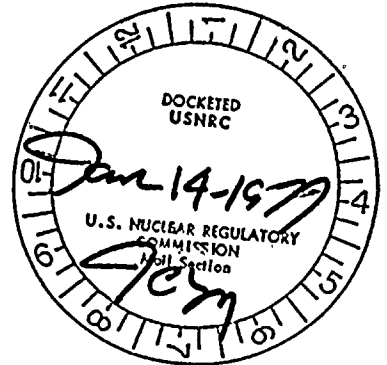
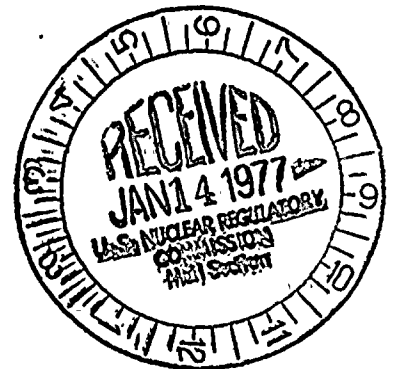
RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for
the month of December 1976 for the Nine Mile Point Nuclear
Station Unit #1.

Very truly yours,


R.R. Schneider
Vice President -
Electric Production



MAS/mtm

Enc.

NINE MILE POINT NUCLEAR STATION
NIAGARA MOHAWK POWER CORPORATION
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
UNIT Nine Mile Point #1
DATE 77-01-06
COMPLETED BY T. J. Perkins
TELEPHONE (315) 343-2110
Ext. 1312

MONTH December 1976

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>581</u>
2	<u>578</u>
3	<u>575</u>
4	<u>577</u>
5	<u>578</u>
6	<u>572</u>
7	<u>567</u>
8	<u>567</u>
9	<u>567</u>
10	<u>564</u>
11	<u>492</u>
12	<u>534</u>
13	<u>582</u>
14	<u>585</u>
15	<u>584</u>
16	<u>583</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>583</u>
18	<u>585</u>
19	<u>585</u>
20	<u>584</u>
21	<u>584</u>
22	<u>586</u>
23	<u>583</u>
24	<u>587</u>
25	<u>582</u>
26	<u>585</u>
27	<u>584</u>
28	<u>581</u>
29	<u>585</u>
30	<u>586</u>
31	<u>585</u>

REMARKS:

APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50-220
 UNIT Nine Mile Point #1
 DATE 77/01/06
 COMPLETED BY T. J. Perkins
 TELEPHONE (315) 343-2110
 Ext. 1312

OPERATING STATUS .

1. REPORTING PERIOD: 761201-761231 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	744	7,887.3	45,724.8
6. REACTOR RESERVE SHUTDOWN HOURS	0	402.3	1,248.6
7. HOURS GENERATOR ON LINE	744	7,727.5	43,506.6
8. UNIT RESERVE SHUTDOWN HOURS	0	20.2	20.2
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,339,881	13,086,781	69,301,327
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	442,250	4,244,952	22,737,055
11. NET ELECTRICAL ENERGY GENERATED (MWH)	428,383	4,112,827	22,030,383
12. REACTOR SERVICE FACTOR	100	89.8	72.8
13. REACTOR AVAILABILITY FACTOR	100	94.4	74.8
14. UNIT SERVICE FACTOR	100	88.0	69.2
15. UNIT AVAILABILITY FACTOR	100	88.2	69.3
16. UNIT CAPACITY FACTOR (Using MDC)	94.4	76.8	57.5
17. UNIT CAPACITY FACTOR (Using Design MWe)	94.4	76.8	57.5
18. UNIT FORCED OUTAGE RATE	0	10.3	12.5

19. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE, AND DURATION OF EACH):
 Refueling March 6, 1977 - 12 Weeks
 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 | _____ | _____ |

APPENDIX D
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220
 UNIT NAME Nine Mile Point #1
 DATE 77-01-06
 COMPLETED BY _____
 TELEPHONE _____

REPORT MONTH December 1976

1.16-13

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
						(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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