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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

September 2, 1977

RegulatoryFile Cy

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 August 1977 for the Nine Mile Point Nuclear Station #1.

Very truly yours,


R.R. Schneider
Vice President -
Electric Production

MAS/mtm

Enc.

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

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APPENDIX C OPERATING DATA REPORT

DOCKET NO. 50-220
UNIT Nine Mile Point #1
DATE 09/01/77
COMPLETED BY T. J. Perkins
TELEPHONE (315) 343-2110
Ext. 1312

OPERATING STATUS.

- REPORTING PERIOD: 08/01/77 - 08/31/77 GROSS HOURS IN REPORTING PERIOD: 744
- CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe-Net): 610
DESIGN ELECTRICAL RATING (MWe-Net): 610
- POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net): _____
- REASONS FOR RESTRICTION (IF ANY): _____

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL	<u>744</u>	<u>2678.4</u>	<u>48,403.8</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>16.2</u>	<u>1,204.2</u>
7. HOURS GENERATOR ON LINE	<u>744</u>	<u>2559.0</u>	<u>46,065.8</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH)	<u>1,347,809</u>	<u>4,496,728</u>	<u>73,798,235</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	<u>446,296</u>	<u>1,476,637</u>	<u>24,214,692</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH)	<u>431,630</u>	<u>1,428,962</u>	<u>23,459,883</u>
12. REACTOR SERVICE FACTOR	<u>100</u>	<u>45.9</u>	<u>70.5</u>
13. REACTOR AVAILABILITY FACTOR	<u>100</u>	<u>46.1</u>	<u>72.2</u>
14. UNIT SERVICE FACTOR	<u>100</u>	<u>43.9</u>	<u>67.1</u>
15. UNIT AVAILABILITY FACTOR	<u>100</u>	<u>43.9</u>	<u>67.1</u>
16. UNIT CAPACITY FACTOR (Using MDC)	<u>95.1</u>	<u>40.2</u>	<u>56.0</u>
17. UNIT CAPACITY FACTOR (Using Design MWe)	<u>95.1</u>	<u>40.2</u>	<u>56.0</u>
18. UNIT FORCED OUTAGE RATE	<u>0</u>	<u>0.1</u>	<u>12.0</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: _____

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
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 09/01/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110
Ext. 1312

MONTH AUGUST, 1977

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

1	<u>576.3</u>
2	<u>574.9</u>
3	<u>577.3</u>
4	<u>572.8</u>
5	<u>574.3</u>
6	<u>577.6</u>
7	<u>577.4</u>
8	<u>580.2</u>
9	<u>579.8</u>
10	<u>582.5</u>
11	<u>581.8</u>
12	<u>578.4</u>
13	<u>536.0</u>
14	<u>583.5</u>
15	<u>582.0</u>
16	<u>580.1</u>

DAY AVERAGE DAILY POWER LEVEL
(MWe-Net)

17	<u>582.0</u>
18	<u>581.8</u>
19	<u>581.3</u>
20	<u>578.5</u>
21	<u>584.4</u>
22	<u>582.4</u>
23	<u>584.1</u>
24	<u>587.0</u>
25	<u>585.6</u>
26	<u>587.6</u>
27	<u>590.8</u>
28	<u>587.8</u>
29	<u>584.9</u>
30	<u>581.5</u>
31	<u>586.8</u>

REMARKS:

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Nine Mile Point #1

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REPORT MONTH August, 1977

(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:

RECEIVED DOCUMENT
PROCESSING UNIT

1977 SEP 8 AM 9 44