NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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DOCKET NUMBER: 50-220

FILE NUMBER: MONTHLY REPORT

TO: USNRC

FROM: NIAGARA MOHAWK POWER CORP.
SYRACUSE, N.Y.
R.R. SCHNEIDER

DATE OF DOCUMENT: 6/7/77

DATE RECEIVED: 6/13/77

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(1P)

ENCLOSURE

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

(3P)

PLANT NAME: NINE MILE PT # 1
SAB

FOR ACTION/INFORMATION

MIPC W/2 CYS FOR ACTION

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

June 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 May, 1977 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 Unit #1
DATE 06/06/77
COMPLETED BY T.J. Perkins
TELEPHONE (315) 343-2110 Ext-1312

MONTH May, 1977

NO GENERATION

| DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) | DAY | AVERAGE DAILY POWER LEVEL (MWe-Net) |
|---|---|---|---|
| 1 | | 17 | |
| 2 | | 18 | |
| 3 | | 19 | |
| 4 | | 20 | |
| 5 | | 21 | |
| 6 | | 22 | |
| 7 | | 23 | |
| 8 | | 24 | |
| 9 | | 25 | |
| 10 | | 26 | |
| 11 | | 27 | |
| 12 | | 28 | |
| 13 | | 29 | |
| 14 | | 30 | |
| 15 | | 31 | |
| 16 | | | |

REMARKS:

APPENDIX C

OPERATING DATA REPORT

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 06/07/77

COMPLETED BY T.J. Perkins TJ Perkins

TELEPHONE (315) 343-2110 Ext131

OPERATING STATUS

1. REPORTING PERIOD: 770501-770531 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 | 0 | 1,504.1 | 47,229.5 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 0 | 16.2 | 1,204.2 |
| 7. HOURS GENERATOR ON LINE | 0 | 1,489.1 | 44,995.9 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 0 | 0 | 20.2 |
| 9. GROSS THERMAL ENERGY GENERATED (MWH) | 0 | 2,633,896 | 71,935,403 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MWH) | 0 | 868,784 | 23,606,839 |
| 11. NET ELECTRICAL ENERGY GENERATED (MWH) | 0 | 841,217 | 22,872,138 |
| 12. REACTOR SERVICE FACTOR | 0 | 41.5 | 71.1 |
| 13. REACTOR AVAILABILITY FACTOR | 0 | 42.0 | 72.9 |
| 14. UNIT SERVICE FACTOR | 0 | 41.1 | 67.7 |
| 15. UNIT AVAILABILITY FACTOR | 0 | 41.1 | 67.7 |
| 16. UNIT CAPACITY FACTOR (Using MDC) | 0 | 38.1 | 56.4 |
| 17. UNIT CAPACITY FACTOR (Using Design MWe) | 0 | 38.1 | 56.4 |
| 18. UNIT FORCED OUTAGE RATE | 0 | 1.7 | 12.2 |

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: 770630

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

DOCKET NO. 50-220
UNIT NAME Nine Mile Point #1
DATE 06/06/77
COMPLETED BY T.J. Perkins
TELEPHONE (315) 343-2110 Ext1312

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH _____

| NO. | DATE | TYPE F: FORCED S: SCHEDULED | DURATION (HOURS) | REASON (1) | METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2) | CORRECTIVE ACTIONS/COMMENTS |
|---|---|---|---|---|---|---|
| 2 | 3/5/77 | S | 744 | C | 1 | Refueling & Annual Overhaul |

(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: