

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO:

N. R. C.

FROM:
NIAGARA MOHAWK POWER CORP.
SYRACUSE, NEW YORK
R. R. SCHNEIDER

DATE OF DOCUMENT
6/7/76

DATE RECEIVED
6/14/76

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| DESCRIPTION | LETTER TRANS THE FOLLOWING: |
|-------------|-----------------------------|
| | |

ENCLOSURE
MONTHLY REPORT FOR MAY/76
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.

PLANT NAME:
NINE MILE POINT #1

(1-P)

(1-P)

ACKNOWLEDGED
DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO 6/16/76 RJL

| | |
|-------------------------------------|--------------------|
| <input checked="" type="checkbox"/> | MIPC |
| <input type="checkbox"/> | W/4 CYS FOR ACTION |

INTERNAL DISTRIBUTION

| | | |
|------------------|--|---------|
| REG FILE | | |
| NRG PDR | | |
| MCDONALD | | |
| S. CHAPMAN | | |
| BRANCH CHIEF (L) | | LEAR |
| LIC. ASST. (L) | | PARRISH |

EXTERNAL DISTRIBUTION

| | |
|---|--------------------|
| X | LPDR: OSWEGO, N.Y. |
| X | TIC |
| X | NSIC |

CONTROL NUMBER

6026

A

4-10-1

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— 17 —

1. *Phragmites australis* (Cav.) Trin. ex Steud.

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

June 7, 1976

Office Of Plans & Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20545

RE: Docket No. 50-220

Gentlemen:

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

Very truly yours,


R.R. Schneider
Vice President
Electric Operations

TJD/aih
Enc.
CC: Mr. J.P. O'Reilly
USNRC

CERTIFIED MAIL
RETURN RECEIPT REQUEST



Regulatory Docket File

6000
6026





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4

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UNIT NAME

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

NINE MILE POINT NUCLEAR STATION #1

UNIT SHUTDOWNS/REDUCTIONS

AVERAGE DAILY POWER LEVEL (MW_e) OPERATING STATUS

| | | | | | | | |
|--------------------------------|--|-----------------------------|--|-------------------------|--|------------------------------|--|
| REACTOR AVAILABILITY (%) | | UNIT AVAILABILITY (%) | | UNIT CAPACITY (%) | | FORCED OUTAGE RATE (%) | |
|--------------------------------|--|-----------------------------|--|-------------------------|--|------------------------------|--|

| | | | | | |
|----|-----|----|-----|----|-----|
| 1 | 547 | 16 | 92 | 30 | 581 |
| 2 | 545 | 17 | 323 | 31 | 549 |
| 3 | 544 | 18 | 384 | | |
| 4 | 549 | 19 | 440 | | |
| 5 | 547 | 20 | 483 | | |
| 6 | 549 | 21 | 550 | | |
| 7 | 552 | 22 | 562 | | |
| 8 | 554 | 23 | 536 | | |
| 9 | 554 | 24 | 546 | | |
| 10 | 560 | 25 | 572 | | |
| 11 | 565 | 26 | 581 | | |
| 12 | 566 | 27 | 592 | | |
| 13 | 575 | 28 | 591 | | |
| 14 | 537 | 29 | 585 | | |

1. REPORTING PERIOD: 760501-760531 GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL (MW_e): 1850 MAX. DEPEND. CAPACITY (MW_e NET): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MW_e NET) _____

4. REASONS FOR RESTRICTIONS (IF ANY): _____

| | | | |
|---|------------------|------------------|--------------------|
| 5. NUMBER OF HOURS THE REACTOR WAS CRITICAL | THIS MONTH | YR. TO DATE | CUMULATIVE TO DATE |
| | <u>720</u> | <u>2,993.2</u> | <u>40,830.7</u> |
| 6. REACTOR RESERVE SHUTDOWN HOURS | <u>11.3</u> | <u>249.9</u> | <u>1,096.2</u> |
| 7. HOURS GENERATOR ON LINE | <u>709.9</u> | <u>2,896.4</u> | <u>38,675.5</u> |
| 8. UNIT RESERVE SHUTDOWN HOURS | <u>-0-</u> | <u>-0-</u> | <u>-0-</u> |
| 9. GROSS THERMAL ENERGY GENERATED (MMBtu) | <u>1,188,468</u> | <u>4,707,934</u> | <u>60,922,480</u> |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MMBtu) | <u>388,110</u> | <u>1,559,926</u> | <u>20,053,029</u> |
| 11. NET ELECTRICAL ENERGY GENERATED (MMBtu) | <u>377,071</u> | <u>1,512,088</u> | <u>19,430,182</u> |
| 12. REACTOR AVAILABILITY FACTOR ^{1/} | <u>96.8</u> | <u>82.1</u> | <u>70.8</u> |
| 13. UNIT AVAILABILITY FACTOR ^{2/} | <u>95.4</u> | <u>79.4</u> | <u>67.0</u> |
| 14. UNIT CAPACITY FACTOR ^{3/} | <u>83.1</u> | <u>70.1</u> | <u>55.2</u> |
| 15. UNIT FORCED OUTAGE RATE ^{4/} | <u>4.5</u> | <u>19.2</u> | <u>13.5</u> |

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH): _____

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

| | | |
|--|--------------------|------------------|
| | DATE FORECASTED | DATE ACHIEVED |
| INITIAL CRITICALITY | _____ | _____ |
| INITIAL ELECTRICAL POWER GENERATION | _____ | _____ |
| COMMERCIAL OPERATION | _____ | _____ |

| NUMBER | DATE | TYPE FORCED SCHEDULED | DURATION (HOURS) | REASON* | METHOD OF SHUTTING DOWN REACTOR** | COMMENTS |
|--------|------|-----------------------------|---------------------|---------|---|----------|
|--------|------|-----------------------------|---------------------|---------|---|----------|

5 5/15/76 S.34.1 A 1

Flange leak on pressure
regulating valve to second
stage reheater

* A - Equipment Failure
B - Maintenance (In Test)
C - Outage
D - Regulatory Restrictions
E - Fuel Rod (Emergency and License Examination)
F - Automation Error
G - Operational Error
H - Other (Explain)

** 1. Manual
2. Manual Scram
3. Automatic Scram

SUMMARY

^{1/} Reactor Availability Factor = $\frac{\text{Hours Reactor was critical} \times 100}{\text{Gross Hours in reporting period}}$

^{2/} Unit Availability Factor = $\frac{\text{Hours Generator on Line} \times 100}{\text{Gross Hours in report period}}$

^{3/} Unit Capacity Factor = $\frac{\text{Net Electrical Power Generated} \times 100}{\text{Max. Dependable Capacity} \times \text{Gross Hrs. in report period}}$

^{4/} Unit Outage Rate = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} \times \text{Forced Outage Hours}}$

Unit Data Prepared By:

T.J. PerkinsT.J. Perkins
Station Superintendent

