

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
MONTHLY REPORT

TO: USNRC

FROM: Niagara Mohawk Power Co.
Syracuse, N.Y.
R.R. Schneider

DATE OF DOCUMENT
7-6-76

DATE RECEIVED
7-9-76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1

DESCRIPTION
LETTER TRANS THE FOLLOWING:

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

**DO NOT REMOVE
ACKNOWLEDGED**

PLANT NAME: Nine Mile Pt. # 1

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 7-12-76

MIPC

W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

REG FILE

NRC PDR

MCDONALD

S. CHAPMAN

BRANCH CHIEF(L)

LIC. ASST. (L)

Lear

Parrish

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Oswego, N.Y.

TIC

NSIC

6867

of the ...
Y. ...
...

...

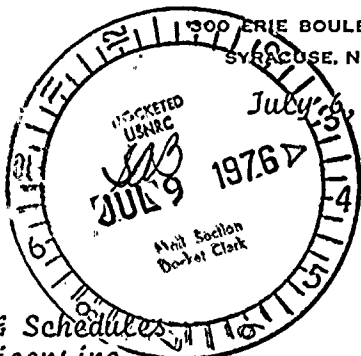
...

...

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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




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 June, 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



UNIT NAME

NINE MILE POINT #1

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

UNIT SHUTDOWNS/REDUCTIONS

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

| | |
|---------|--------|
| 1. 575 | 16 584 |
| 2. 570 | 17 585 |
| 3. 582 | 18 584 |
| 4. 580 | 19 580 |
| 5. 574 | 20 580 |
| 6. 574 | 21 578 |
| 7. 574 | 22 584 |
| 8. 577 | 23 336 |
| 9. 580 | 24 214 |
| 10. 579 | 25 496 |
| 11. 580 | 26 550 |
| 12. 580 | 27 574 |
| 13. 577 | 28 576 |
| 14. 576 | 29 577 |
| 15. 576 | 30 577 |

1. REPORTING PERIOD: 760601-760630 GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWt Net): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWt Net) _____

4. REASONS FOR RESTRICTIONS (IF ANY): _____

| | THIS MONTH | YR. TO DATE | CUMULATIVE TO DATE |
|---|------------|-------------|--------------------|
| 5. NUMBER OF HOURS THE REACTOR WAS CRITICAL | 706.3 | 3,699.5 | 41,537.0 |
| 6. REACTOR RESERVE SHUTDOWN HOURS | 20.2 | 270.1 | 1,116.4 |
| 7. HOURS GENERATOR ON LINE | 699.8 | 3,596.2 | 39,375.3 |
| 8. UNIT RESERVE SHUTDOWN HOURS | 20.2 | 20.2 | 20.2 |
| 9. GROSS THERMAL ENERGY GENERATED (MMWH) | 1,274,141 | 5,982,075 | 62,196,621 |
| 10. GROSS ELECTRICAL ENERGY GENERATED (MMWH) | 411,189 | 1,971,115 | 20,464,218 |
| 11. NET ELECTRICAL ENERGY GENERATED (MMWH) | 399,046 | 1,911,134 | 19,829,228 |
| 12. REACTOR AVAILABILITY FACTOR ^{1/} | 98.1 | 84.7 | 71.1 |
| 13. UNIT AVAILABILITY FACTOR ^{2/} | 97.2 | 82.3 | 67.4 |
| 14. UNIT CAPACITY FACTOR ^{3/} | 90.9 | 71.7 | 55.6 |
| 15. UNIT FORCED OUTAGE RATE ^{4/} | 2.8 | 16.5 | 13.3 |

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): _____

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

| | | | | | | |
|---|---------|---|------|---|---|--|
| 6 | 6/23/76 | F | 20.2 | H | 3 | Turbine-Generator Trip because transmission lines opened on line fault. Reactor scammed on load rejection. |
|---|---------|---|------|---|---|--|

SUMMARY

All electrical, heat transfer and safety systems were fully available the entire month except for the one load rejection trip. Daily output was limited by the permissible reactor heat generation factors.

- * A - Equipment Failure
- B - Maintenance (In Test)
- C - Fueling
- D - Regulatory Restrictions
- E - Fueling License and License Examination
- F - Fueling License
- G - Operational Error
- H - Other (Specify)
- ** 1. Manual
- 2. Manual Scram
- 3. Automatic Scram

See Above

610 Maximum Dependable Capacity (MWt NET)
 ----- Restricted Power Level (if applicable)

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

- ^{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 = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} + \text{Forced Outage Hours}}$

Unit Data Prepared By: T.J. Perkins

T.J. Perkins
 Station Superintendent

