

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIALS**  
(TEMPORARY FORM)

CONTROL NO: 6183

FILE: *Mon Rpt*

|   |         |           |                       |  |                      |  |     |       |
|---|---------|-----------|-----------------------|--|----------------------|--|-----|-------|
| FROM: Niagara Mohawk Power Corp<br>Syracuse, N.Y.<br>R.R. Schneider |         |           | DATE OF DOC<br>7-2-74 | DATE REC'D<br>7-8-74   | LTR<br>X             | TWX                                    | RPT | OTHER |
| TO: PLANS & OPERATIONS  |         |           | ORIG<br>1             | CC   | OTHER                | SENT AEC PDR Yes<br>SENT LOCAL PDR Yes |     |       |
| CLASS   | UNCLASS | PROP INFO | INPUT                 | NO CYS REC'D   | DOCKET NO:<br>50-220 |  |     |       |
| DESCRIPTION:<br><br>Ltr trans the following                         |         |           |                       | ENCLOSURES:<br>MONTHLY REPORT FOR June 1974<br>Plant & Component Operability & Availability<br>This report to be use for preparing Grey Book by Plans * Operations.... |                      |  |     |       |
| PLANT NAME: Nine Mile Unit 1  |         |           |                       | NO. OF COPIES REC'D 1  |                      |  |     |       |

**FOR ACTION/INFORMATION**

|           |              |                   |                            |                  |
|-----------|--------------|-------------------|----------------------------|------------------|
| BUTLER(L) | SCIWENCER(L) | ZILMANN(L) (INFO) | REGAN(E)                   | <i>✓</i> G. LEAR |
| W/ Copies | W/ Copies    | W/1 Copies        | W/ Copies                  | W/1 CY (INFO)    |
| CLARK(L)  | STOLZ(L)     | DICKER(E)         | <i>✓</i> W. Magee (ACTION) |                  |
| W/ Copies | W/ Copies    | W/ Copies         | W/ 2 Copies                |                  |
| PIERCE(L) | VASSALLO(L)  | KNIGHTON(E)       |                            |                  |
| W/ Copies | W/ Copies    | W/ Copies         | W/ Copies                  |                  |
| KNIEL(L)  | PURPLE (I)   | YOUNGBLOOD(E)     |                            |                  |
| W/ Copies | W/ Copies    | W/ Copies         | W/ Copies                  |                  |

**INTERNAL DISTRIBUTION**

|                   |                    |                |                 |                   |
|-------------------|--------------------|----------------|-----------------|-------------------|
| <b>REG FILE</b>   | <b>TECH REVIEW</b> | <b>DENTON</b>  | <b>LIC ASST</b> | <b>A/T IND</b>    |
| AEC PDR           | HENDRIE            | GRIMES         |                 | BRAITMAN          |
| OGC, ROOM P-506A  | SCHROEDER          | GAMMILL        | DIGGS (L)       | SALTZMAN          |
| MUNTZING/STAFF    | MACCARY            | KASTNER        | GEARIN (L)      | B. HURT           |
| CASE              | KNIGHT             | BALLARD        | GOULBOURNE (L)  | <b>PLANS</b>      |
| GIAMBUSSO         | PAWLICKI           | SPANGLER       | KREUTZER (E)    | <i>✓</i> McDONALD |
| BOYD              | SHAO               |                | LEE (L)         | <i>✓</i> CHAPMAN  |
| MOORE (I) (ENR)   | STELLO             | <b>ENVIRO</b>  | MAIGRET (L)     | DUBE w/input      |
| DEYOUNG (L) (ENR) | HOUSTON            | MULLER         | REED (E)        | E. COUPE          |
| SKOVHOLT (L)      | NOVAK              | DICKER         | SERVICE (L)     | D. THOMPSON (2)   |
| GOLLER (L)        | ROSS               | KNIGHTON       | SHEPPARD (L)    | KLECKER           |
| P. COLLINS        | IPPOLITO           | YOUNGBLOOD     | SLATER (E)      | EISENHUT          |
| DENISE            | TEDESCO            | REGAN          | SMITH (L)       |                   |
| <b>REG OPR</b>    | LONG               | PROJECT LDR    | TEETS (L)       |                   |
| FILE & REGION(3)  | LAINAS             |                | WILLIAMS (E)    |                   |
| MORRIS            | BENAROYA           | <b>HARLESS</b> | WILSON (L)      |                   |
| STEELE            | VOLMER             |                |                 |                   |

**EXTERNAL DISTRIBUTION**

|                                   |                                |                       |
|-----------------------------------|--------------------------------|-----------------------|
| 1 - LOCAL PDR Oswego, N.Y.        | (1) (2X10) NATIONAL LAB'S      | 1-PDR-GAN/ENR/ENY     |
| 1 - TIC (ABERNATHY)               | 1-ASLEP (E/W Bldg, Rm 529)     | 1-LIBRARIAN           |
| 1 - NSIC (BUCHANAN)               | 1-W. PENNINGTON, Rm E-201 GT   | BROOKHAVEN NAT. LAB   |
| 1 - ASLE                          | 1-CONSULTANT'S                 | 1-AGMED (ENR/ENR/ENY) |
| 1 - P. R. DAVIS (AEROJET NUCLEAR) | REMARK/PLATE/REMARK            | RM-B-100              |
| 10 - CYS ACRS HOLDING             | 1-GERALD BIRKINSHAW, GENL      | 1-RD. MULLEN, F-30    |
|                                   | 1-B. & N. SWINERD, Rm E-201 GT |                       |

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

300 ERIE BOULEVARD WEST  
SYRACUSE, N. Y. 13202



July 2, 1974

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

50 - 220

Gentlemen:

Please find enclosed, copies of the following reports for the  
Nine Mile Point Nuclear Station Unit 1:

1. Daily Plant Power
2. Operating Status
3. Plant Shutdowns

Very truly yours,

  
R.R. Schneider

Vice-President - Electric Operations

TJP:bar

cc: RO:I

Enclosures - 3



## ENCLOSURE A

UNIT Nine Mile Point No. 1DATE 740701COMPLETED BY T.J. PerkinsDAILY PLANT POWER OUTPUTMONTH June, 1974

| <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> | <u>DAY</u> | <u>AVERAGE DAILY MWe-net</u> |
|------------|------------------------------|------------|------------------------------|
| 1          | _____                        | 25         | _____                        |
| 2          | _____                        | 26         | _____                        |
| 3          | _____                        | 27         | _____                        |
| 4          | _____                        | 28         | _____                        |
| 5          | _____                        | 29         | _____                        |
| 6          | _____                        | 30         | _____                        |
| 7          | _____                        | 31         | _____                        |
| 8          | _____                        |            |                              |
| 9          | _____                        |            |                              |
| 10         | _____                        |            |                              |
| 11         | _____                        |            |                              |
| 12         | _____                        |            |                              |
| 13         | _____                        |            |                              |
| 14         | _____                        |            |                              |
| 15         | _____                        |            |                              |
| 16         | _____                        |            |                              |
| 17         | _____                        |            |                              |
| 18         | _____                        |            |                              |
| 19         | _____                        |            |                              |
| 20         | _____                        |            |                              |
| 21         | _____                        |            |                              |
| 22         | _____                        |            |                              |
| 23         | _____                        |            |                              |
| 24         | _____                        |            |                              |



UNIT NAME Nine Mile Point No. 1  
DATE 740701  
COMPLETED BY T. J. Perkins - Station Superintendent

OPERATING STATUS

1. REPORTING PERIOD: 74601 TO 740630

GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL MWe 1850 MWe-NET 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): \_\_\_\_\_

4. REASONS FOR RESTRICTIONS (IF ANY): \_\_\_\_\_

|   | THIS<br>MONTH | YR-TO-DATE       | CUMULATIVE<br>TO DATE |
|---|---------------|------------------|-----------------------|
| 5. HOURS REACTOR WAS CRITICAL. . . . .  | <u>87.5</u>   | <u>2200.15</u>   | <u>Not available</u>  |
| 6. HOURS GENERATOR ON-LINE . . . . .  | <u>0</u>      | <u>2112.65</u>   | <u>25,477.28</u>      |
| 7. GROSS THERMAL POWER GENERATED (MWH) . . . . .  | <u>0</u>      | <u>3,558,646</u> | <u>39,922,429</u>     |
| 8. GROSS ELECTRICAL POWER GENERATED (MWH) . . . . .   | <u>0</u>      | <u>1,201,825</u> | <u>13,168,908</u>     |
| 9. NET ELECTRICAL POWER GENERATED (MWH) . . . . .   | <u>0</u>      | <u>1,165,736</u> | <u>12,760,228</u>     |
| 10. REACTOR AVAILABILITY FACTOR (1) . . . . .   | <u>12.2</u>   | <u>50.7</u>      | <u>Not available</u>  |
| 11. PLANT AVAILABILITY FACTOR (2) . . . . .   | <u>0</u>      | <u>48.6</u>      | <u>62.3</u>           |
| 12. PLANT CAPACITY FACTOR (3) . . . . .   | <u>0</u>      | <u>44.0</u>      | <u>51.2</u>           |
| 13. FORCED OUTAGE RATE (4) . . . . .  | <u>0</u>      | <u>0</u>         | <u>15.7</u>           |
| 14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND<br>DURATION OF EACH): |               |                  |                       |

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: 7-1-74

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

|  | DATE LAST<br>FORECAST | DATE<br>ACHIEVED | REASON FOR<br>DIFFERENCE |
|--|-----------------------|------------------|--------------------------|
| INITIAL CRITICALITY                    | _____                 | _____            | _____                    |
| INITIAL ELECTRICAL<br>POWER GENERATION | _____                 | _____            | _____                    |
| COMMERCIAL OPERATION                   | _____                 | _____            | _____                    |

(1) REACTOR AVAILABILITY FACTOR =  $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(2) PLANT AVAILABILITY FACTOR =  $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(3) PLANT CAPACITY FACTOR =  $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL} \times \text{GROSS HOURS IN REPORTING PERIOD}} \times 100$

(4) FORCED OUTAGE RATE =  $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE} + \text{FORCED OUTAGE HOURS}} \times 100$



SUMMARY:

Unit No. 1 Shutdown for Annual Overhaul  
and refueling

UNIT NAME Nine Mile Point No. 1

DATE 740701

COMPLETED BY T.J. Perkins

REPORT MONTH June, 1974

P L A N T   S H U T D O W N S

| NO. | DATE   | TYPE<br>F-FORCED<br>S-SCHEDULED | DURATION<br>(HOURS) | REASON (1) | METHOD OF<br>SHUTTING DOWN<br>THE REACTOR (2) | COMMENTS |
|-----|--------|---------------------------------|---------------------|------------|---|----------|
| 1   | 740330 | S                               | 720                 | C          | A   |          |

(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)

(2) METHOD:

- A- MANUAL
- B- MANUAL SCRAM
- C- AUTOMATIC SCRAM



