

50-220

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FILE NUMBER

MONTHLY REPORT

TO:

N. R. C.

FROM:

Niagara Mohawk Power Corp.  
Syracuse, New York  
R. R. Schneider

DATE OF DOCUMENT

9/3/76

DATE RECEIVED

9/14/76

☒ LETTER☐ NOTORIZED

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## DESCRIPTION

LETTER TRANS THE FOLLOWING:

## ENCLOSURE

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

PLANT NAME:

(1-P)

(3-P)

ACKNOWLEDGED

DO NOT REMOVE

Nine Mile Point #1

## SAFETY

## FOR ACTION/INFORMATION

ENVIRO 9/14/76 RJL

☒ MIPC

W/4 CYS FOR ACTION

## INTERNAL DISTRIBUTION

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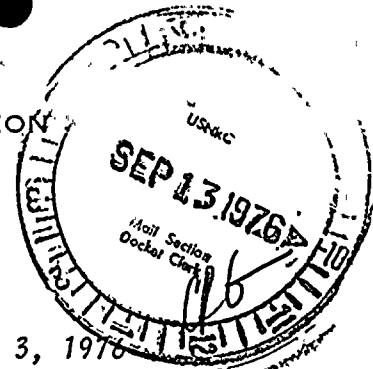
**Regulatory Docket File**

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

September 3, 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 August, 1976 for the Nine Mile Point Nuclear  
Station Unit #1.

Very truly yours,

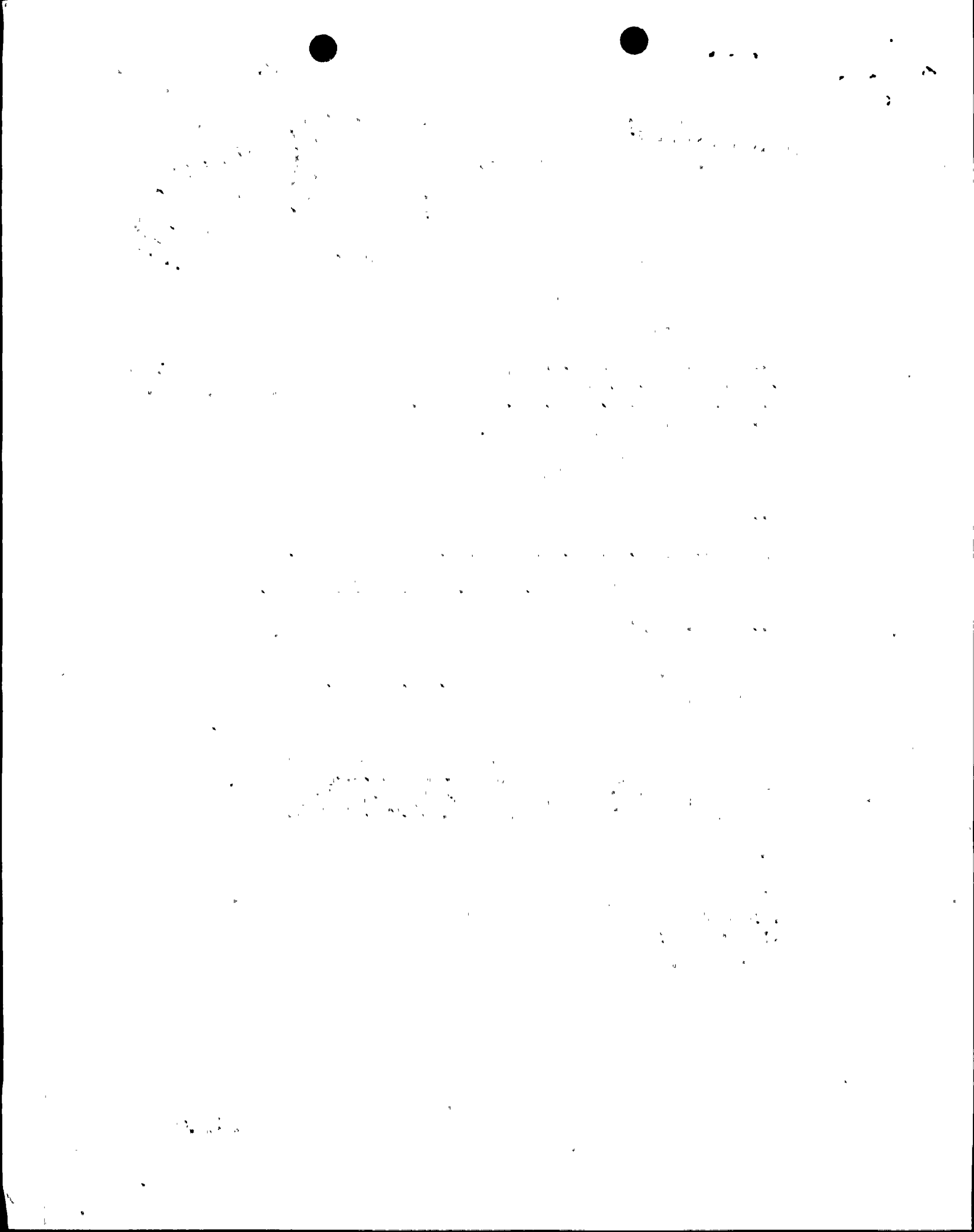
  
R.R. Schneider  
Vice President -  
Electric Production

TJD/mtm

Enc.

CERTIFIED MAIL  
RETURN RECEIPT

9366



NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50 - 220

UNIT 1

DATE September 1, 1976

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110 ext. 1312

MONTH August, 1976

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1	<u>512</u>
2	<u>522</u>
3	<u>523</u>
4	<u>526</u>
5	<u>525</u>
6	<u>352</u>
7	<u>60</u>
8	<u>390</u>
9	<u>468</u>
10	<u>532</u>
11	<u>526</u>
12	<u>531</u>
13	<u>530</u>
14	<u>531</u>
15	<u>529</u>
16	<u>532</u>

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17	<u>353</u>
18	<u>57</u>
19	<u>377</u>
20	<u>461</u>
21	<u>498</u>
22	<u>503</u>
23	<u>516</u>
24	<u>521</u>
25	<u>520</u>
26	<u>523</u>
27	<u>522</u>
28	<u>524</u>
29	<u>522</u>
30	<u>522</u>
31	<u>521</u>

/cjw

REMARKS:

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

OPERATING DATA REPORT

DOCKET NO. 50 - 220

UNIT 1

DATE September 1, 1976

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110 ext. 1312

OPERATING STATUS

1. REPORTING PERIOD: 760801-760831 GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MW<sub>e</sub>-Net): 610  
DESIGN ELECTRICAL RATING (MW<sub>e</sub>-Net): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MW<sub>e</sub>-Net): \_\_\_\_\_

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

	THIS MONTH	YR TO DATE	CUMULATIVE
5. NUMBER OF HOURS REACTOR WAS CRITICAL .....	<u>715.8</u>	<u>5,068.8</u>	<u>42,906.3</u>
6. REACTOR RESERVE SHUTDOWN HOURS .....	<u>28.2</u>	<u>291.8</u>	<u>1,138.1</u>
7. HOURS GENERATOR ON LINE .....	<u>696.6</u>	<u>4,927.2</u>	<u>40,706.3</u>
8. UNIT RESERVE SHUTDOWN HOURS .....	<u>-0-</u>	<u>20.2</u>	<u>20.2</u>
9. GROSS THERMAL ENERGY GENERATED (MWH) .....	<u>1,165,018</u>	<u>8,158,089</u>	<u>64,372,635</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWH) .....	<u>360,667</u>	<u>2,649,829</u>	<u>21,142,932</u>
11. NET ELECTRICAL ENERGY GENERATED (MWH) .....	<u>348,687</u>	<u>2,567,799</u>	<u>20,485,893</u>
12. REACTOR SERVICE FACTOR .....	<u>96.2</u>	<u>86.6</u>	<u>71.6</u>
13. REACTOR AVAILABILITY FACTOR .....	<u>100</u>	<u>96.7</u>	<u>73.5</u>
14. UNIT SERVICE FACTOR .....	<u>93.6</u>	<u>84.2</u>	<u>68.0</u>
15. UNIT AVAILABILITY FACTOR .....	<u>93.6</u>	<u>85.0</u>	<u>68.0</u>
16. UNIT CAPACITY FACTOR (Using MDC) .....	<u>76.8</u>	<u>71.9</u>	<u>56.1</u>
17. UNIT CAPACITY FACTOR (Using Design MW <sub>e</sub> ) .....	<u>76.8</u>	<u>71.9</u>	<u>56.1</u>
18. UNIT FORCED OUTAGE RATE .....	<u>6.3</u>	<u>13.3</u>	<u>13.0</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: \_\_\_\_\_

/cjw



NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50 - 220

UNIT NAME Nine Mile Point

DATE September 1, 1976

COMPLETED BY T. J. Perkins

REPORT MONTH August, 1976

TELEPHONE (315) 343-2110 ext. 1312

NO.	DATE	TYPE F: FORCED S: SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR OR REDUCING POWER (2)	CORRECTIVE ACTIONS/COMMENTS
8	8/6/76	F	22.6	A	3	Generator trip due to malfunction of field ground test switch.
9	8/17/76	F	24.8	A	3	While testing turbine stop valves, turbine tripped due to faulty limit switches.

(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: Turbine output (therefore reactor output) limited due to high lake temperature (condenser cooling inlet) causing higher than normal turbine back pressure.



