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**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  
8/9/77

DATE RECEIVED  
8/15/77

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DESCRIPTION

Letter trans the following:

PLANT NAME:  
Nine Mile Point Unit No. 1  
RJL 8/15/77

(1-P)

ENCLOSURE

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

(3-P)

**ACKNOWLEDGED**

**DO NOT REMOVE**

FOR ACTION/INFORMATION

MIPC W/2-CYS FOR ACTION

INTERNAL DISTRIBUTION

Reg Files

NRC PDR

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Parrish**

EXTERNAL DISTRIBUTION

CONTROL NUMBER

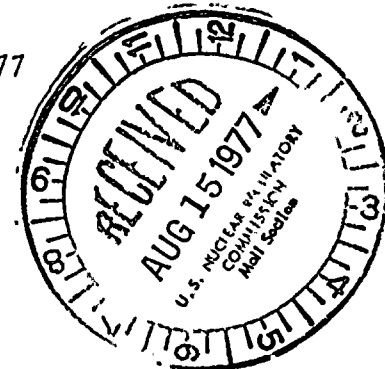
LPDR: **oswego, NY**  
TIC  
NSIC

**772270095**

## NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST  
SYRACUSE, N. Y. 13202RegulatoryFile Cy.

August 9, 1977



Director  
Office of Management Information &  
Program Control  
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 July, 1977 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,



R.R. Schneider  
Vice President -  
Electric Production

MAS/mtm

Enc.

cc: Director I&E (10 copies)  
NRC Region I Office (1 copy)

772270095



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APPENDIX C
OPERATING DATA REPORT

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 07/09/77

COMPLETED BY T.J. Perkins

TELEPHONE (315) 343-2110 ext. 1312

OPERATING STATUS

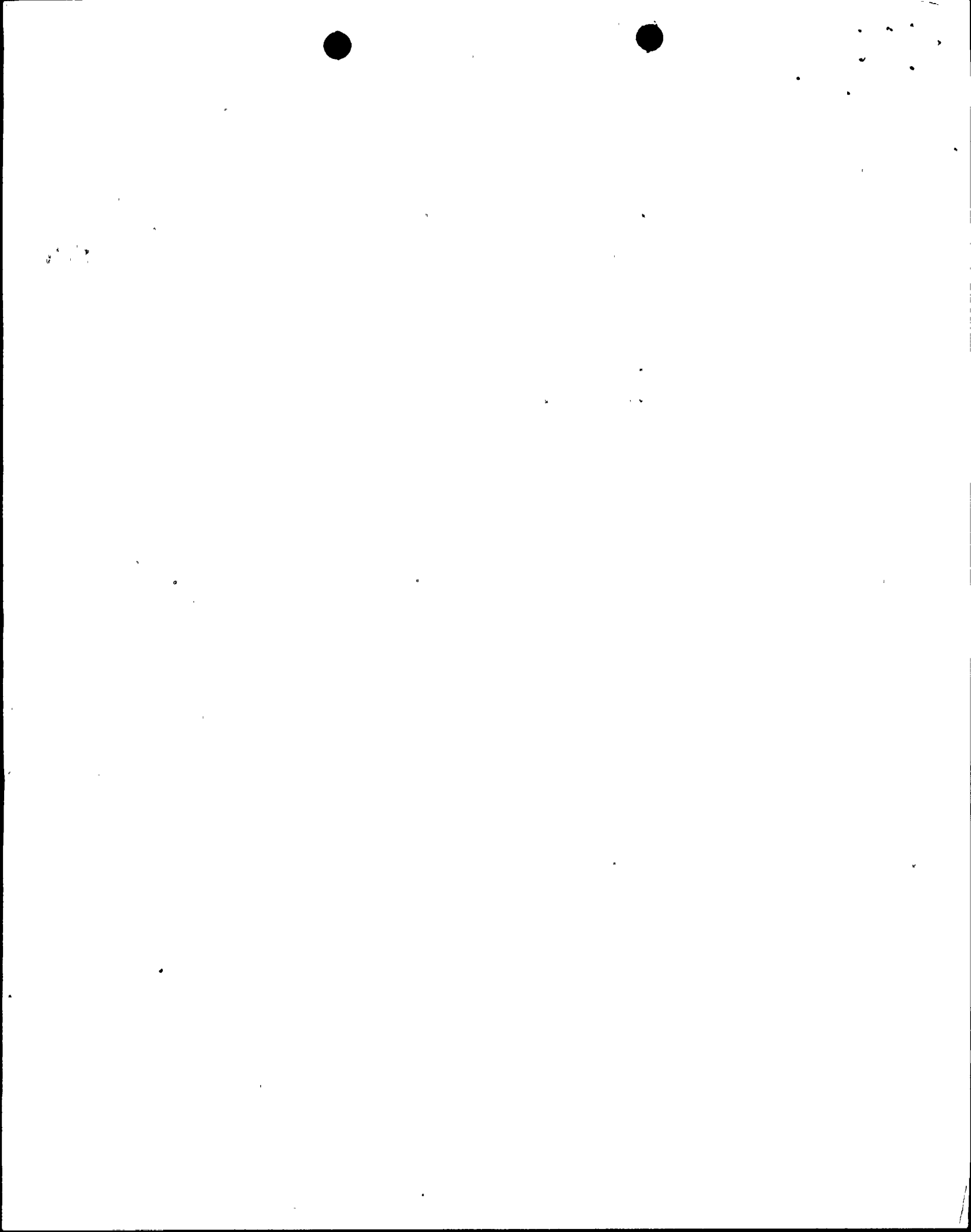
- 1. REPORTING PERIOD: 770701-770731 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe-Net): 610
DESIGN ELECTRICAL RATING (MWe-Net): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY) (MWe-Net):
4. REASONS FOR RESTRICTION (IF ANY):

Table with 4 columns: Description, THIS MONTH, YR TO DATE, CUMULATIVE. Rows include: NUMBER OF HOURS REACTOR WAS CRITICAL, REACTOR RESERVE SHUTDOWN HOURS, HOURS GENERATOR ON LINE, UNIT RESERVE SHUTDOWN HOURS, GROSS THERMAL ENERGY GENERATED (MWH), GROSS ELECTRICAL ENERGY GENERATED (MWH), NET ELECTRICAL ENERGY GENERATED (MWH), REACTOR SERVICE FACTOR, REACTOR AVAILABILITY FACTOR, UNIT SERVICE FACTOR, UNIT AVAILABILITY FACTOR, UNIT CAPACITY FACTOR (Using MDC), UNIT CAPACITY FACTOR (Using Design MWe), UNIT FORCED OUTAGE RATE.

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:

Table with 2 columns: FORECAST, ACHIEVED. Rows include: INITIAL CRITICALITY, INITIAL ELECTRICITY, COMMERCIAL OPERATION.



NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT Nine Mile Point #1

DATE 08/09/77

COMPLETED BY T.J. Perkins *T.J. Perkins*

TELEPHONE (315) 343-2110 Ext. 1312

MONTH July 1977

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

1 \_\_\_\_\_  
2 \_\_\_\_\_  
3 \_\_\_\_\_  
4 \_\_\_\_\_  
5 \_\_\_\_\_  
6 \_\_\_\_\_  
7 \_\_\_\_\_  
8 \_\_\_\_\_  
9 \_\_\_\_\_  
10 \_\_\_\_\_  
11 \_\_\_\_\_  
12 \_\_\_\_\_  
13 \_\_\_\_\_  
14 \_\_\_\_\_  
15 \_\_\_\_\_  
16 \_\_\_\_\_

DAY AVERAGE DAILY POWER LEVEL  
(MWe-Net)

17 \_\_\_\_\_  
18 100  
19 207  
20 285  
21 415  
22 497  
23 530  
24 542  
25 554  
26 554  
27 560  
28 572  
29 568  
30 543  
31 578

REMARKS:

NINE MILE POINT NUCLEAR STATION  
NIAGARA MOHAWK POWER CORPORATION

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50-220

UNIT NAME Nine Mile Point #1

DATE 07/09/77

COMPLETED BY T.J. Perkins *T.J. Perkins*

TELEPHONE (315) 343-2110 ext 1312

REPORT MONTH July 1977

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	418.1	C	1	Refueling and 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:

RECEIVED DOCUMENT  
PROCESSING UNIT

1977 AUG 15 AM 9 17