NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

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DOCKET NUMBER: 50-220

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

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(1-P)

PLANT NAME:

Nine Mile Point #1

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

(3-P)

ACKNOWLEDGED

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SAFETY — FOR ACTION/INFORMATION — ENVIRO 9/14/76 RJL

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Regulatory Docket File

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

USNRC SEP 13 1976 Mail Section Docket Clerk

September 3, 1976

RECEIVED SEP 14 1976 U.S. NUCLEAR REGULATORY COMMISSION Mail Section

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
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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)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	512	17	353
2	522	18	57
3	523	19	377
4	526	20	461
5	525	21	498
6	352	22	503
7	60	23	516
8	390	24	521
9	468	25	520
10	532	26	523
11	526	27	522
12	531	28	524
13	530	29	522
14	531	30	522
15	529	31	521
16	532		

/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 (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):

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

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

DOCKET NO. 50 - 220

UNIT SHUTDOWNS AND POWER REDUCTIONS

UNIT NAME Nine Mile Point

DATE September 1, 1976

COMPLETED BY T. J. Perkins

TELEPHONE (315) 343-2110 ext. 1312

REPORT MONTH August, 1976

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.

/cjw

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