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Monthly Report for October 1975
Plant & Component Operability & Availability
This Report to be used in preparing Gray Book
by Plans & Operations.

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PLANT NAME: Nine Mile Pt. # 1

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

November 7, 1975

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

Regulatory File Cy.

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for the month of October 1975 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

R.R. Schneider
Vice President
Electric Operations

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CC: RO:I

Enc.

13044

UNIT NAME

NINE MILE POINT NUCLEAR STATION #1

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

UNIT SHUTDOWNS/REDUCTIONS

1. REPORTING PERIOD: 751001-751031 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND CAPACITY (MWe Net): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net)
4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	0	5746.3	37,069.3
6. REACTOR RESERVE SHUTDOWN HOURS	0	281.3	767.0
7. HOURS GENERATOR ON LINE	0	5637.0	35,178.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	0	9,075,463	55,609,012
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	0	2,962,250	18,310,003
11. NET ELECTRICAL ENERGY GENERATED (MWH)	0	2,870,103	17,743,249
12. REACTOR AVAILABILITY FACTOR 1/	0	78.8	70.5
13. UNIT AVAILABILITY FACTOR 2/	0	77.3	66.9
14. UNIT CAPACITY FACTOR 3/	0	64.5	55.3
15. UNIT FORCED OUTAGE RATE 4/	0	4.7	13.1

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 START UP: 751117

18. UNITS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION):

	DATE FORECASTED	DATE ACHIEVED
INITIAL CRITICALITY		
INITIAL ELECTRICAL POWER GENERATION		
COMMERCIAL OPERATION		

NUMBER	DATE	TYPE F FORCED S SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
16	750913	S	745	B	1	ANNUAL REFUELING & OVERHAUL

*A Equipment Failure
B Maintenance Or Test
C Refueling
D Regulatory Restriction
E Operator Training & License Examination
F Administration
G Operational Error
H Other (Explain)

**1 Manual
2 Manual Scram
3 Automatic Scram

SUMMARY

1/ Reactor Availability Factor = Hours Reactor was critical x 100 / Gross Hours in reporting period

2/ Unit Availability Factor = Hours Generator on Line x 100 / Gross Hours in report period

3/ Unit Capacity Factor = Net Electrical Power Generated x 100 / Max. Dependable Capacity x Gross Hrs. in report period

4/ Unit Outage Rate = Forced Outage Hours x 100 / Hours Generator on Line + Forced Outage Hours

Maximum Dependable Capacity (MWe-NET)

Restricted Power Level (if applicable)

Utility Data Prepared By: T. A. Perkins

T. A. Perkins
Station Superintendent