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FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. R.R. Schneider		DATE OF DOC 10-8-75	DATE REC'D 10-15-75	LTR XXX	TWX	RPT	OTHER
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CLASS	UNCLASS XXX.	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-220		

DESCRIPTION:
Ltr trans the following:

PLANT NAME: Nine Mile Point # 1

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

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FRM

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

October 8, 1975



Regulatory

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RE: Docket No. 50-220

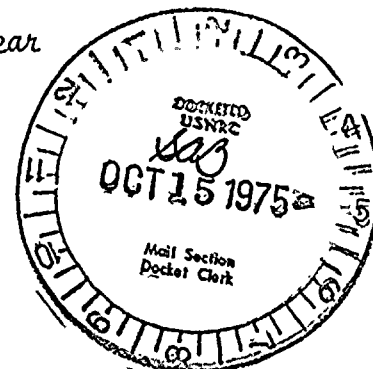
Gentlemen:

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

Very truly yours,

A handwritten signature in cursive script that reads "R.R. Schneider".

R.R. Schneider
Vice President
Electric Operations



mm

cc: RO:I

enc.

10/10/10

UNIT NAME

NINE MILE POINT NUCLEAR STATION #1

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

REACTOR AVAILABILITY (%)	UNIT AVAILABILITY (%)	UNIT CAPACITY (%)	FORCED OUTAGE RATE (%)
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UNIT SHUTDOWNS/REDUCTIONS

NUMBER	DATE	TYPE OF FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
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16 750913 S 426.3 B 1 Annual refueling and overhaul.

- * A Equipment Failure
 - B Maintenance or Test
 - C Refueling
 - D Regulatory Restrictions
 - E Operational Emergency and License Examination
 - F Software Error
 - G Operational Error
 - H Other (if explain)
- ** 1 Manual
 - 2 Manual Scram
 - 3 Automatic Scram

SUMMARY

As of 750821 reactor power restricted below 1580 due to core thermal & reactivity limits and reactivity coast down commenced.

1/ Reactor Availability Factor = $\frac{\text{Hours Reactor was critical} \times 100}{\text{Gross Hours in reporting period}}$

2/ Unit Availability Factor = $\frac{\text{Hours Generator on Line} \times 100}{\text{Gross Hours in report period}}$

3/ Unit Capacity Factor = $\frac{\text{Net Electrical Power Generated} \times 100}{\text{Max. Dependable Capacity} \times \text{Gross Hrs. in report period}}$

4/ Unit Outage Rate = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} - \text{Forced Outage Hours}}$

Unit Data Prepared By: T.J. Perkins

T.J. Perkins
Station Superintendent

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

DAY	AV. DAILY MWe-net
1	487
2	474
3	478
4	465
5	460
6	459
7	459
8	459
9	455
10	453
11	454
12	451
13	66

1. REPORTING PERIOD: 750901-750930	GROSS HOURS IN REPORTING PERIOD: 720		
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1850	MAX. DEPEND. CAPACITY (MWe Net): 610		
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net)	480 - 525		
4. REASONS FOR RESTRICTIONS (IF ANY):	(see summary)		
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	THIS MONTH 295.7	YR. TO DATE 5746.3	CUMULATIVE TO DATE 37,069.3
6. REACTOR RESERVE SHUTDOWN HOURS	2	281.3	767.0
7. HOURS GENERATOR ON LINE	293.7	5637.0	35,178.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	434,688	9,075,463	55,609,012
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	139,581	2,962,250	18,310,003
11. NET ELECTRICAL ENERGY GENERATED (MWH)	134,832	2,870,103	17,743,249
12. REACTOR AVAILABILITY FACTOR 1/	41.1	87.7	71.5
13. UNIT AVAILABILITY FACTOR 2/	40.8	86.0	67.9
14. UNIT CAPACITY FACTOR 3/	30.7	71.8	56.1
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: 751109

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

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

----- Maximum Dependable Capacity (MWe-NET)
----- Restricted Power Level (if applicable)

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