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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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	XXX.			1	50-220		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

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

NUMBER OF COPIES REC'D: 1PLANT NAME: Nine Mile Point # 1

FOR ACTION/INFORMATION

SAB 10-15-75

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NRC

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

October 8, 1975



Regulatory

File Copy

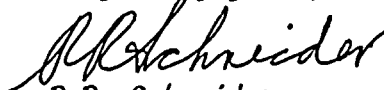
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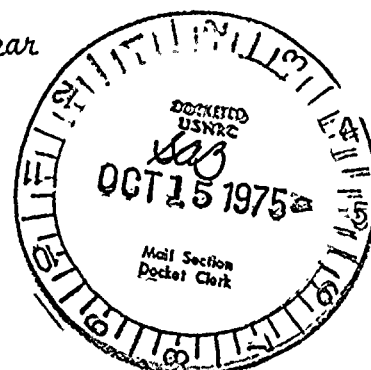
Gentlemen:

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,



R.R. Schneider
Vice President
Electric Operations



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cc: RO:I

enc.

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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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AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

UNIT SHUTDOWNS/REDUCTIONS

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
1	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 (MMWh): 434,688 9,075,463 55,609,012
10. GROSS ELECTRICAL ENERGY GENERATED (MMWh): 139,581 2,962,250 18,310,003
11. NET ELECTRICAL ENERGY GENERATED (MMWh): 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		

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

* A. Equipment Failure
B. Maintenance or Test
C. Refueling
D. Regulatory Restrictions
E. Reactor Trip (Safety or otherwise)
F. Software Failure
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 = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} \times \text{Forced Outage Hours}}$

Unit Data Prepared By:

T.J. Perkins
T.J. Perkins

Station Superintendent

Maximum Dependable Capacity (MWe-NET)

Restricted Power Level (if applicable)

11974