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FROM: Niagara Mohawk Pwr Corp/ Syracuse, N. Y. R.R. Schneider		DATE OF DOC 7-3-75	DATE REC'D 7-7-75	LTR XXX	TWX	RPT	OTHER
TO: NRC		ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-220		

DESCRIPTION:  
Ltr trans the following:  
  
PLANT NAME: Nine Mile Pt. # 1

ENCLOSURES:  
Monthly Report for June 1975  
Plant & Component Operability & Availability  
This Report to be used in preparing Gray Book  
by Plans & Operations.  
  
NUMBER OF COPIES REC'D 1

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FOR ACTION/INFORMATION

VCR 7-7-75

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

July 3, 1975


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 June, 1975 for the Nine Mile Point Nuclear  
Station Unit #1.

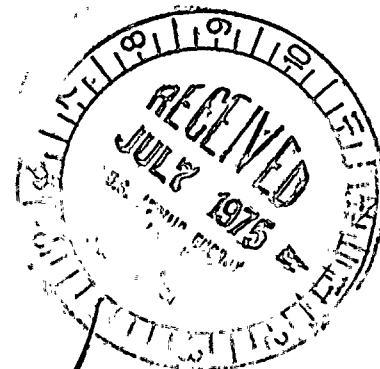
Very truly yours,

  
R.R. Schneider  
Vice President  
Electric Operations

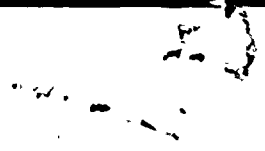
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Enc.



7196



UNIT NAME

NINE MILE POINT NUCLEAR STATION

\* THIS UNIT NOT YET IN COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

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

1	488	16	553
2	539	17	548
3	562	18	546
4	563	19	540
5	565	20	508
6	569	21	267
7	559	22	435
8	559	23	478
9	560	24	505
10	559	25	537
11	558	26	540
12	558	27	536
13	559	28	530
14	551	29	531
15	550	30	545

1. REPORTING PERIOD: 750601-750630 GROSS HOURS IN REPORTING PERIOD: 720

2. CURRENTLY AUTHORIZED POWER LEVEL (MWh): 1850 MAX. DEPEND. CAPACITY (MWe Net): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net) 570-585

4. REASONS FOR RESTRICTIONS (IF ANY): (SEE SUMMARY) Reheater Not in Service

	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	<u>720</u>	<u>3981.5</u>	<u>35,304.5</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>0</u>	<u>279.3</u>	<u>765.0</u>
7. HOURS GENERATOR ON LINE	<u>720</u>	<u>3879.7</u>	<u>33,420.9</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MWh)	<u>1,215,048</u>	<u>6,400,099</u>	<u>52,933,170</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MWh)	<u>394,510</u>	<u>2,124,058</u>	<u>17,471,811</u>
11. NET ELECTRICAL ENERGY GENERATED (MWh)	<u>381,803</u>	<u>2,060,514</u>	<u>16,933,660</u>
12. REACTOR AVAILABILITY FACTOR <sup>1/</sup>	<u>100</u>	<u>91.7</u>	<u>71.1</u>
13. UNIT AVAILABILITY FACTOR <sup>2/</sup>	<u>100</u>	<u>89.3</u>	<u>67.3</u>
14. UNIT CAPACITY FACTOR <sup>3/</sup>	<u>86.9</u>	<u>77.8</u>	<u>55.9</u>
15. UNIT FORCED OUTAGE RATE <sup>4/</sup>	<u>0</u>	<u>6.1</u>	<u>13.7</u>

YR/MBR	DATE	TYPE OF FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
12	750621	S	0	B	NA	Condenser Tube leaks

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):  
750914-751108 Annual Overhaul & Refueling

17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP:

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)

- \* A. Equipment Failure
  - B. Maintenance Out Time
  - C. Fuel Element
  - D. Regulatory Restrictions
  - E. Fuel Element Examination and License Examination
  - F. Fuel Element Examination
  - G. Operational Error
  - H-Other (Explain)
- \*\*1. Manual
  - 2. Manual Scram
  - 3. Automatic Scram

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

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

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

<sup>4/</sup> Unit Outage Rate =  $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} + \text{Forced Outage Hours}}$

SUMMARY

Power output limited to between 570 to 585 MWe by reactor core thermal limits, maximum practical turbine admission valve opening, or cooling water temperature depending upon conditions of the day.

Utility Data Prepared By: T.J. Perkins  
 T. J. Perkins  
 Station Superintendent

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