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MONTHLY REPORT

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FROM: Niagara Mohawk Power Corp.
Syrachse, N.Y.
R.R. SchneiderDATE OF DOCUMENT
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DESCRIPTION

LETTER TRANS THE FOLLOWING:

ENCLOSURE

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

PLANT NAME: Nine Mile Pt. # 1

SAFETY

FOR ACTION/INFORMATION

ENVIRO

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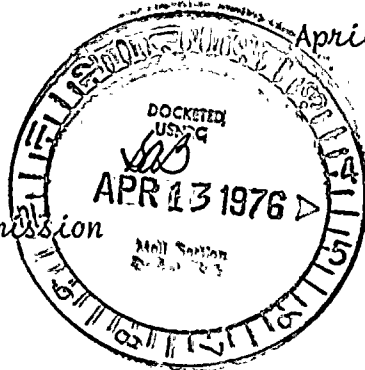
NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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



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




April 7, 1976

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for the month of March, 1976 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,


R. R. Schneider
Vice President
Electric Operations

TJD/aih
Enc.
cc: RO:1



UNIT NAME

* 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. 548	15. 535
2. 376	16. 527
3. 528	17. 528
4. 531	18. 531
5. 193	19. 747
6. 350	20. 294
7. 406	21. 340
8. 472	22. 261
9. 496	
10. 524	
11. 535	
12. 539	
13. 550	
14. 541	

Unit derated 60 MWe because of
reactor fuel thermal limits.

1. REPORTING PERIOD: 760301-760331 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1850 MAX. DEPEND. CAPACITY (MWe NET): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe NET) NONE
4. REASONS FOR RESTRICTIONS (IF ANY):
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL: THIS MONTH 476.9 YR-TO-DATE 1,916.9 CUMULATIVE 39,754.8
6. REACTOR RESERVE SHUTDOWN HOURS: 60.6 60.6 846.3
7. HOURS GENERATOR ON LINE: 462.1 1,902.1 17,681.1
8. UNIT RESERVE SHUTDOWN HOURS: 0 0 0
9. GROSS THERMAL ENERGY GENERATED (MWh): 667,480 3,126,120 59,340,666
10. GROSS ELECTRICAL ENERGY GENERATED (MWh): 223,430 1,054,057 19,547,160
11. NET ELECTRICAL ENERGY GENERATED (MWh): 216,445 1,021,374 18,939,468
12. REACTOR AVAILABILITY FACTOR 1/: 64.1 87.8 70.7
13. UNIT AVAILABILITY FACTOR 2/: 70.2 89.9 67.1
14. UNIT CAPACITY FACTOR 3/: 47.7 76.7 55.2
15. UNIT FORCED OUTAGE RATE 4/: 29.8 10.1 12.9
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: April 12, 1976

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
11	3/2/76	F	60.6	H	3	Loss of Condenser Vacuum
2.	3/22/76	F	221.	G	3	When paralleling continuous power supply motor generator set #162, #11 channel reactor protection system tripped out. Reactor scrambled on high water level when operator was resetting feedwater control.

* A. Equipment Failure
1. Steam generator (in test)
2. Reactor
3. Turbine
4. Generator
5. Transformer
6. Condenser
7. Cooling water system
8. Feedwater system
9. Control system
10. Other (if specified)

** 1. Manual
2. Manual Scram
3. Automatic Scram

SUMMARY

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 = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} \times \text{Forced Outage Hours}}$

Utility Data Prepared By: _____

