

50-220

FILE NUMBER  
MONTHLY REPORT

FROM: NIAGARA MOHAWK POWER CORP  
SYRACUSE, NY  
R R SCHNEIDER

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DESCRIPTION  
LETTER TRANS THE FOLLOWING:

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

PLANT NAME: NINE MILE PT #1

ACKNOWLEDGED  
DO NOT REMOVE

## SAFETY

FOR ACTION/INFORMATION

ENVIRO 2-13-76 RB

7	MIPC
	W/4 CYS FOR ACTION

## INTERNAL DISTRIBUTION

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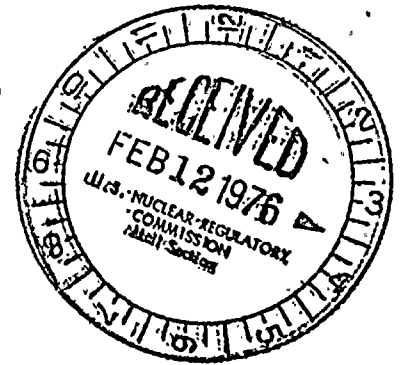
CONTROL NUMBER

1419

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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



Regulatory Docket File

February 6, 1976


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

RE: Docket No. 50-220

Gentlemen:

Submitted here with is the Operating Status Report for the  
month of January 1976 for the Nine Mile Point Nuclear Station  
Unit #1.

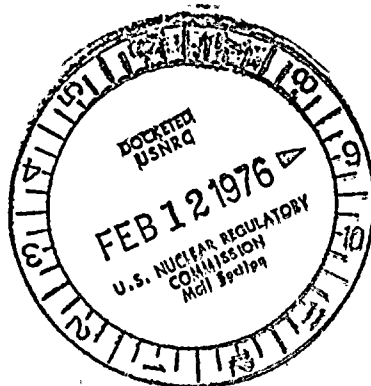
Very truly yours,

  
R.R. Schneider  
Vice President -  
Electric Operations

mm ,

Enc.

cc: RO:1



UNIT NAME

UNIT SHUTDOWNS/REDUCTIONS

AVERAGE DAILY POWER LEVEL (MWe)    OPERATING STATUS

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

1	539	16	563
2	558	17	559
3	562	18	564
4	549	19	565
5	574	20	570
6	588	21	571
7	587	22	567
8	587	23	569
9	589	24	539
10	590	25	569
11	589	26	572
12	591	27	573
13	583	28	572
14	565	29	571
15	566	30	572
		31	571

760101-760131		GROSS HOURS IN REPORTING PERIOD		744
1. REPORTING PERIOD:		1850	MAX. DEPEND. CAPACITY (MW) Net	610
2. CURRENTLY AUTHORIZED POWER LEVEL (MWH):				
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWH Net)				
4. REASONS FOR RESTRICTIONS (IF ANY):				
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE	
	744	744	38,581.5	
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	785.7	
7. HOURS GENERATOR ON LINE	744	744	16,523	
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0	
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,297,330	1,297,330	57,511,876	
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	438,679	438,679	18,931,782	
11. NET ELECTRICAL ENERGY GENERATED (MWH)	424,751	424,751	18,342,849	
12. REACTOR AVAILABILITY FACTOR 1/	100	100	70.4	
13. UNIT AVAILABILITY FACTOR 2/	100	100	66.7	
14. UNIT CAPACITY FACTOR 3/	93.6	93.6	54.9	
15. UNIT FORCED OUTAGE RATE 4/	0	0	12.8	

18. 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:

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

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

YEAR	DATE	TYPE PERIOD SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
6						
2						
5						

0 A Representations Exhibits  
 1 of materials in the case  
 2 for the charge  
 3 in the prosecution of the case  
 4 in the case of the charge of the case  
 5 in the case of the charge of the case  
 6 in the case of the charge of the case  
 7 in the case of the charge of the case  
 8 in the case of the charge of the case

- 001. Manual
- 2 Manual Screen
- 3 Automatic Screen

## SUMMARY

$$\frac{1/2 \text{ Reactor Availability Factor} \times \text{Hours Reactor was critical} \times 100}{\text{Gross Hours in reporting period}}$$
$$2. \text{Unit Availability Factor} = \frac{\text{Hours Generator on Line} \times 100}{\text{Gross Hours in report period}}$$

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

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

Utility Data Prepared By: L. Perkins

T.J. Perkins  
Station Superintendent

1419