

50-220

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FILE NUMBER

MONTHLY REPORT

TO:

NRC

FROM: NIAGARA MOHAWK CORP
SYRACUSE, NY
R R SCHNEIDER

DATE OF DOCUMENT

3-5-76

DATE RECEIVED

3-19-76

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DESCRIPTION

LETTER TRANS THE FOLLOWING:

PLANT NAME: NINE MILE PT #1

ENCLOSURE

MONTHLY REPORT FOR FEB 1976

PLANT & COMPONENT OPERABILITY &

AVAILABILITY. THIS REPORT TO BE USED IN

PREPARING GRAY BOOK BY PLANS & OPERATIONS.

SAFETY

FOR ACTION/INFORMATION

ENVIRO

3-23-76 RB

☒ MIPC
W/4 CYS FOR ACTION

INTERNAL DISTRIBUTION

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CONTROL NUMBER

2783

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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

March 5, 1976



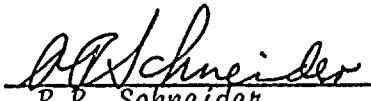
Office of Plans & Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20545

RE: Docket No. 50-220

Gentlemen:

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

Very truly yours,


R.R. Schneider
Vice President -
Electric Operations

aih

Enc.

cc: RO:I

UNIT NAME

*** THIS UNIT NOT YET IN COMMERCIAL OPERATION**

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

REACTOR AVAILABILITY (%)	100%	UNIT 4 AVAILABILITY (%)	100%	UNIT CAPACITY (%)	89.5%	FORCED OUTAGE RATE (%)	0
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Nine Mile Point #1

UNIT SHUTDOWNS/REDUCTIONS

1. 572	16. 521
2. 569	17. 535
3. 574	18. 546
4. 566	19. 551
5. 520	20. 552
6. 557	21. 555
7. 555	22. 552
8. 524	23. 548
9. 547	24. 545
10. 546	25. 545
11. 546	26. 545
12. 543	27. 545
13. 540	28. 545
14. 522	29. 548
15. 529	

Plant derated 60 MW(e) due to
fuel thermal limitations.

1. REPORTING PERIOD:	760201-760229	GROSS HOURS IN REPORTING PERIOD:	696
2. CURRENTLY AUTHORIZED POWER LEVEL (MW):	1850	MAX. DEPEND. CAPACITY (MW) Net	610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MW) Net	None.		
4. REASONS FOR RESTRICTIONS (IF ANY):			
	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	696	1440	39,277.9
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	785.7
7. HOURS GENERATOR ON LINE	696	1440	17,219
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MMH)	1161310	2458640	58673186
10. GROSS ELECTRICAL ENERGY GENERATED (MMH)	391948	830627	19323730
11. NET ELECTRICAL ENERGY GENERATED (MMH)	380178	804929	18723023
12. REACTOR AVAILABILITY FACTOR 1/	100%	100%	717%
13. UNIT AVAILABILITY FACTOR 2/	100%	100%	68.0%
14. UNIT CAPACITY FACTOR 3/	89.5%	91.6%	55.8%
15. UNIT FORCED OUTAGE RATE 4/	0	0	12.7

NUMBER	DATE	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS

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 STARTUP:

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

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

- A - Fragment Failure
- B - Antennas in Use
- C - Interlock
- D - Frequency Interference
- E - Physical Damage and License Examination
- F - Interference
- G - Operational Error
- H - Other (Explain)

1. Manual
2. Manual Screen
3. Automatic Screen

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

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

Utility Data Prepared By: T. J. Perkins
per C. R. Seibert

12/10
12/10
12/10
12/10
12/10

1