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TO: USNRC

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

LETTER TRANS THE FOLLOWING:

PLANT NAME: Nine Mile PT. #1

ENCLOSURE

MONTHLY REPORT FOR April 1976
PLANT & COMPONENT OPERABILITY &
AVAILABILITY. THIS REPORT TO BE USED IN
PREPARING GRAY BOOK BY PLANS & OPERATIONS.DO NOT REMOVE
ACKNOWLEDGED

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 5-17-76

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NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

10 May 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 April, 1976 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,



R. R. Schneider
Vice President
Electric Operations

cb
Enc.

cc: Mr. James P. O'Reilly
Directorate of Regulatory Operations
United States Nuclear Regulatory Commission
Region I
631 Park Avenue
King of Prussia, Pa. 29406

UNIT NAME

NINE MILE POINT # 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

1. 16.
2. 17.
3. 18. 94
4. 19. 90
5. 20. 147
6. 21. 334
7. 22. 377
8. 23. 383
9. 24. 391
10. 25. 393
11. 26. 455
12. 27. 504
13. 28. 509
14. 29. 520
15. 30. 540
31. -

1. REPORTING PERIOD: 760401-760130 GROSS HOURS IN REPORTING PERIOD: 719
2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1850 MAX. DEPEND. CAPACITY (MWe Net): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net)
4. REASONS FOR RESTRICTIONS (IF ANY):
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL THIS MONTH 719 YR. TO DATE 2,273.2 CUMULATIVE TO DATE 40,110.7
6. REACTOR RESERVE SHUTDOWN HOURS 178 238.6 1,084.9
7. HOURS GENERATOR ON LINE 284.5 2,186.5 37,965.6
8. UNIT RESERVE SHUTDOWN HOURS 0 0 0
9. GROSS THERMAL ENERGY GENERATED (MMBtu) 393,346 3,519,466 50,734,012
10. GROSS ELECTRICAL ENERGY GENERATED (MMBtu) 117,759 1,171,816 19,664,919
11. NET ELECTRICAL ENERGY GENERATED (MMBtu) 113,643 1,135,017 19,053,111
12. REACTOR AVAILABILITY FACTOR 1/ 49.6 78.3 70.4
13. UNIT AVAILABILITY FACTOR 2/ 39.6 75.3 66.7
14. UNIT CAPACITY FACTOR 3/ 25.9 64.1 54.8
15. UNIT FORCED OUTAGE RATE 4/ 60.4 23.1 13.7

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:

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

DATE
FORECASTEDDATE
ACHIEVED

INITIAL CRITICALITY

INITIAL ELECTRICAL POWER
GENERATION

COMMERCIAL OPERATION

NUMBER	DATE	TYPE OF FORCED OUTAGE	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
2	3/22/76	F	239.9	G	3	Just prior to a scheduled outage, feedwater cleanup piping inspection Reactor scrambled on high water level while operator was resetting feedwater control. No. 11 Channel Reactor protection system tripped when paralleling continuous power supply M.G. Set #162. Stayed out to begin cleanup piping inspection.
			98.4	B	3	On 4/10/76 prior to startup, turbine bearings were inspected and found to need repair. Outage was extended to correct bearing problem.
3	4/15/76	F	8.0	B	1	Malfunction of thrust bearing vibration detector.
4	4/19/76	F	16.2	B	1	#13 Feedwater pump transfer line and suction line and drain valve leaks.

* A. Equipment Failure
B. Malfunction of the Unit
C. Fuel System
D. Regulatory Restrictions
E. Operator Error
F. Unplanned Outage
G. Scheduled Outage
H. Other (if explain)

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

SUMMARY

1/ Reactor Availability Factor = Hours Reactor was critical ÷ 100
Gross Hours in reporting period
2/ Unit Availability Factor = Hours Generator on Line ÷ 100
Gross Hours in report period
3/ Unit Capacity Factor = Net Electrical Power Generated ÷ 100
Max. Dependable Capacity × Gross Hrs. in report period
4/ Unit Outage Rate = Forced Outage Hours ÷ 100
Hours Generator on Line ÷ Forced Outage Hours

Utility Data Prepared By:

T.J. Perkins
Station Superintendent

UNIT NAME

NINE MILE POINT # 1

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

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

UNIT SHUTDOWNS/REDUCTIONS

1. 16.
2. 17.
3. 18. 94
4. 19. 90
5. 20. 147
6. 21. 334
7. 22. 377
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4. REASONS FOR RESTRICTIONS (IF ANY):
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17. IF SHUT DOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF START-UP:

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

INITIAL CRITICALITY

INITIAL ELECTRICAL POWER GENERATION

COMMERCIAL OPERATION

DATE
FORECASTEDDATE
ACHIEVED

----- Maximum Dependable Capacity (Mw Net)
----- Restricted Power Level (if applicable)

NUMBER	DATE	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
2	3/22/76	F	239.9	G	3	Just prior to a scheduled outage, feedwater cleanup piping inspection Reactor scrambled on high water level while operator was resetting feedwater control. No. 11 Channel Reactor protection system tripped when paralleling continuous power supply M.G. Set #162. Stayed out to begin cleanup piping inspection.
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3	4/15/76	F	8.0	B	1	Malfunction of thrust bearing vibration detector.
4	4/19/76	F	16.2	B	1	#13 Feedwater pump transfer line and suction line and drain valve leaks.

* A Equipment Failure
B Human Error
C Regulatory Restrictions
D Fuel Element Examination
E Administrative
F Operational Error
G Other (if specified)

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

SUMMARY

1/ Reactor Availability Factor = Hours Reactor was critical ÷ 100
Gross Hours in reporting period

2/ Unit Availability Factor = Hours Generator on Line ÷ 100
Gross Hours in report period

3/ Unit Capacity Factor = Net Electrical Power Generated ÷ 100
Max. Dependable Capacity x Gross Hrs. in report period

4/ Unit Outage Rate = Forced Outage Hours ÷ 100
Hours Generator on Line x Forced Outage Hours

Utility Data Prepared By:

T.J. Perkins
Station Superintendent

