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Niagara Mohawk Power Corp Syracuse, N.Y. R.R. Schneider	2-5-75	2-11-75	xxx			

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DESCRIPTION:
Ltr trans the following:

ACKNOWLEDGED

NO ACTION REQUIRED

PLANT NAME: Nine Mile Pt. #1

ENCLOSURES:
Monthly Report for January, 1975
Plant & Component Operability & Availability
This Report to be used in preparing Grey Book by Plans & Operations.

No. of Cys Rec'd 1

FOR ACTION/INFORMATION 2-11-75 JGB

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receipts

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

Regulatory File Cy.

February 5, 1975

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

Gentlemen:

Submitted herewith is the Operating Status Report for the month of January, 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.

cc: RO:I

1577

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

UNIT NAME

NINE MILE POINT NUCLEAR STATION

AVERAGE DAILY POWER LEVEL (MWe)

DAY	AVERAGE DAILY MWe-net		
1			
2			
3			
4			
5	266		
6	480		
7	500		
8	503	24	572
9	505	25	569
10	504	26	571
11	509	27	572
12	331	28	572
13	299	29	572
14	527	30	572
15	556	31	572
16	560		
17	580		
18	257		
19	215		
20	469		
21	524		
22	565		
23	568		

——— Maximum Dependable Capacity (MWe-NET)

- - - - - Restricted Power Level (if applicable)

OPERATING STATUS

1. REPORTING PERIOD: 75 01/01/ 75 01/31 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe Net) 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net) NA
4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	652.6	652.6	31,974
6. REACTOR RESERVE SHUTDOWN HOURS	0	0	485.7
7. HOURS GENERATOR ON LINE	612.1	612.1	30,153.3
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	986,676	986,676	46,533,070*
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	329,587	329,587	15,677,290*
11. NET ELECTRICAL ENERGY GENERATED (MWH)	318,909	318,909	15,192,055
12. REACTOR AVAILABILITY FACTOR 1/	87.7	87.7	69.5
13. UNIT AVAILABILITY FACTOR 2/	82.3	82.3	65.5
14. UNIT CAPACITY FACTOR 3/	70.3	70.3	51.6
15. UNIT FORCED OUTAGE RATE 4/	17.7	17.7	14.6

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 STARTUP:

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

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

UNIT SHUTDOWNS/REDUCTIONS

NUMBER	DATE	TYPE F FORCED S SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
1)	741231	F	97.6	B	3	Replaced gaskets at electromatic relief valves causing above normal floor drain flow in drywell. Inspected all recirculation valve bypass piping.
2)	750112	F	14.2	B	3	Reactor tripped on high water level caused by electronic failure in feedwater control system. Replaced transformer in steam flow-feedwater flow comparitor.
3)	750118	F	20.1	A	3	Reactor tripped on high water level due to feedwater control failure. Replaced steam flow-feedwater flow comparitor.

* Adjusted to correct previous error.

*A Equipment Failure
B Maintenance or Test
C Refueling
D Regulatory Restriction
E Operator Training and License Examination
F Administration
G Operational Error
H Other (Explain)

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

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

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

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

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

SUMMARY

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