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DESCRIPTION:
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PLANT NAME: Nine Mile Point #1

ENCLOSURES:
Monthly Report for DECEMBER
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 1-13-75 ehf

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mlk

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

50-220

January 6, 1975

Office Of Plans & Schedules
Directorate of Licensing
United States Atomic Energy Commission
Washington, D. C. 20545

Gentlemen:

Submitted herewith is the Operating Status Report for the month of December, 1974 for the Nine Mile Point Nuclear Station Unite#1.

Very Truly Yours,

R. R. Schneider
Vice President - Electric Operations

RRS/na

cc: RO;1

Enclosures

REGISTERED MAIL
RETURN RECEIPT REQUEST

304

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

UNIT NAME

NINE MILE POINT UNIT #1

AVERAGE DAILY POWER LEVEL (MWe)

1	434	11	333
2	469	12	339
3	458	13	340
4	520	14	353
5	566	15	461
6	575	16	461
7	574	17	463
8	576	18	459
9	516	19	450
10	97	20	6

_____ Maximum Dependable Capacity (MWe-NET)

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

OPERATING STATUS

1. REPORTING PERIOD: 741201.741231 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	533.3	6,384.2	31,321.4
6. REACTOR RESERVE SHUTDOWN HOURS	0	67.8	485.7
7. HOURS GENERATOR ON LINE	466.7	6,176.4	29,541.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	672,758	10,513,759	52,477,436
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	221,707	3,380,670	15,347,703
11. NET ELECTRICAL ENERGY GENERATED (MWH)	213,808	3,296,654	14,873,146
12. REACTOR AVAILABILITY FACTOR 1/	71.7	72.9	69.2
13. UNIT AVAILABILITY FACTOR 2/	62.7	70.5	65.2
14. UNIT CAPACITY FACTOR 3/	47.1	61.7	53.9
15. UNIT FORCED OUTAGE RATE 4/	37.3	4.3	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 START UP: 1-5-75

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	9	F	16.1	B	3	Feedwater Control Problem
1	21	F	261.2	B	3	High Drywell Floor Drain Leakage

*A Equipment Failure
H 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. D. Perkins

T. D. Perkins
Station Superintendent

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

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Utility Data Prepared By: T. J. Perkins

T. J. Perkins
Station Superintendent