MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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ENCLOSURES:

Monthly Report for September 1975
Plant & Component Operability & Availability
This Report to be used in preparing Gray Book
by Plans & Operations.

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PLANT NAME: Nine Mile Point # 1

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MRR

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

October 8, 1975

Regulatory File Cy

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 September 1975 for the Nine Mile Point Nuclear Station Unit #1.

Very truly yours,

R.R. Schneider
Vice President
Electric Operations

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cc: RO:I

enc.

UNIT NAME

NINE MILE POINT NUCLEAR STATION #1

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

DAY	AV. DAILY MWe-net
1	487
2	474
3	478
4	465
5	460
6	459
7	459
8	459
9	455
10	453
11	454
12	451
13	66

———— Maximum Dependable Capacity (MWe-NET)

– – – – – – – – Restricted Power Level (if applicable)

1. REPORTING PERIOD: 750901-750930 GROSS HOURS IN REPORTING PERIOD: 720
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850 MAX. DEPEND. CAPACITY (MWe Net) 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe Net) 480 - 525
4. REASONS FOR RESTRICTIONS (IF ANY): (see summary)

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	295.7	5746.3	37,069.3
6. REACTOR RESERVE SHUTDOWN HOURS	2	281.3	767.0
7. HOURS GENERATOR ON LINE	293.7	5637.0	35,178.2
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	434,688	9,075,463	55,609,012
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	139,581	2,962,250	18,310003
11. NET ELECTRICAL ENERGY GENERATED (MWH)	134,832	2,870,103	17,743,249
12. REACTOR AVAILABILITY FACTOR 1/	41.1	87.7	71.5
13. UNIT AVAILABILITY FACTOR 2/	40.8	86.0	67.9
14. UNIT CAPACITY FACTOR 3/	30.7	71.8	56.1
15. UNIT FORCED OUTAGE RATE 4/	0	4.7	13.1

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: 751109

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
16	750913	S	426.3	B	1	Annual refueling and overhaul.

*A Equipment Failure
B Maintenance or Test
C Refueling
D Regulatory Restriction
E Operator Training and License Examination
F Administrative
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

As of 750821 reactor power restricted below 1580 due to core thermal & reactivity limits and reactivity coast down commenced.

Utility Data Prepared By: T. J. Perkins

T. J. Perkins
Station Superintendent