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FROM: Niagara Mahawk Power Corp. Syracuse, N.Y. R.R. Schneider	DATE OF DOC 8-8-75	DATE REC'D 8-13-75	LTR XX	TWX	RPT	OTHER
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Monthly Report for 7-75
Plant & Component Operability & Availability
This Report to be used in preparing Gray Book by Plans & Operations.

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PLANT NAME: Nine Mile Pt.#1

FOR ACTION/INFORMATION SAB 8-13-75

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Regulatory File Cy.

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

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

August 8, 1975

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 July, 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.

8612

UNIT NAME

NINE MILE POINT NUCLEAR STATION

UNIT SHUTDOWNS/REDUCTIONS

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

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

AVERAGE DAILY POWER LEVEL (MWe)

1	542	16	508
2	542	17	499
3	505	18	492
4	375	19	478
5	430	20	471
6	460	21	465
7	457	22	466
8	436	23	489
9	430	24	477
10	448	25	477
11	464	26	283
12	446	27	223
13	497	28	251
14	505	29	372
15	505	30	422
		31	449

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

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

OPERATING STATUS

1. REPORTING PERIOD: 750701-750731 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1,850 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	725.1	4,706.6	36,029.6
6. REACTOR RESERVE SHUTDOWN HOURS	0	279.3	765.0
7. HOURS GENERATOR ON LINE	719.6	4,599.3	34,140.5
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,100,455	7,500,554	54,034,104
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	340,746	2,464,804	17,812,557
11. NET ELECTRICAL ENERGY GENERATED (MWH)	328,831	2,389,345	17,274,491
12. REACTOR AVAILABILITY FACTOR 1/	97.5	92.5	71.6
13. UNIT AVAILABILITY FACTOR 2/	96.7	90.4	67.8
14. UNIT CAPACITY FACTOR 3/	72.5	77.0	56.0
15. UNIT FORCED OUTAGE RATE 4/	3.3	7.1	13.5

16. SHUTDOWNS SCHEDULED OVER NEXT 6 MONTHS (TYPE, DATE AND DURATION OF EACH):

750914 - 751108/Annual Overhaul & Refueling

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		

NUMBER	DATE	TYPE F FORCED S SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
13	750726	S	0	B	NOT	Condenser Tube leaks
14	750727	F	24.4	G	3	Testing main steam isolation valves, test switch not in test position

*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

Power output limited to between about 480 and 525 MWe due to high lake cooling water temperature.

Utility Data Prepared By: T. J. Perkins

T. J. PERKINS
STATION SUPERINTENDENT