

MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. R.R. Schneider		DATE OF DOC 9-3-75	DATE REC'D 9-12-75	LTR	TWX	RPT XXX	OTHER	
TO: NRC		ORIG 1 Signed	CC 1	OTHER	SENT AEC PDR XXX			SENT LOCAL PDR XXX
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-220			
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Monthly Report for August 1975 Plant & Component Operability & Availability This Report to be used in preparing Gray Book by Plans & Operations. NUMBER OF COPIES REC'D: 1				
PLANT NAME: Nine Mile Pt. # 1								

FOR ACTION/INFORMATION

SAB 9-12-75

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NIAGARA MOHAWK POWER CORPORATION

Regulatory

File Cyd

NIAGARA  MOHAWK

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

September 3, 1975

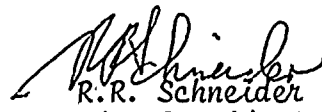
Office of Plans & Schedules
Directorate of Licensing
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Washington, D.C. 20545

RE: Docket No. 50-220

Gentlemen:

Submitted herewith is the Operating Status Report for
the month of August, 1975 for the Nine Mile Point Nuclear Station
Unit #1.

Very truly yours,

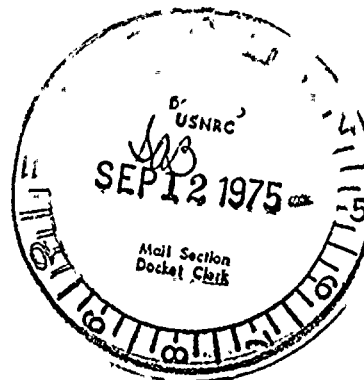

R.R. Schneider
Vice President
Electric Operations



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cc: RO:I

Enc.



9707

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UNIT NAME

* THIS UNIT NOT YET IN COMMERCIAL OPERATION

REACTOR AVAILABILITY (%)		UNIT AVAILABILITY (%)		UNIT CAPACITY (%)		FORCED OUTAGE RATE (%)	
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NINE MILE POINT NUCLEAR STATION
UNIT SHUTDOWNS/REDUCTIONS

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

DAILY PLANT POWER OUTPUT

DAY	AVERAGE	DAY	AVERAGE
1	475	17	481
2	472	18	478
3	453	19	478
4	448	20	477
5	450	21	474
6	479	22	461
7	504	23	342
8	481	24	383
9	472	25	420
10	471	26	473
11	470	27	463
12	488	28	464
13	486	29	464
14	486	30	471
15	483	31	487
16	480		

1. REPORTING PERIOD: 750801-750831	GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 1850	MAX. DEPEND. CAPACITY (MWt Net): 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWt Net)	480-525
4. REASONS FOR RESTRICTIONS (IF ANY):	(See Summary)
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	THIS MONTH: 744 YR-TO-DATE: 5,450.6 CUMULATIVE TO DATE: 36,773.6
6. REACTOR RESERVE SHUTDOWN HOURS	0 279.3 765.0
7. HOURS GENERATOR ON LINE	744 5,343.3 34,884.5
8. UNIT RESERVE SHUTDOWN HOURS	0 0 0
9. GROSS THERMAL ENERGY GENERATED (MMWh)	1,140,221 8,640,775 55,174,324
10. GROSS ELECTRICAL ENERGY GENERATED (MMWh)	357,865 2,822,669 18,170,422
11. NET ELECTRICAL ENERGY GENERATED (MMWh)	345,926 2,735,271 17,608,417
12. REACTOR AVAILABILITY FACTOR 1/	100 93.5 71.9
13. UNIT AVAILABILITY FACTOR 2/	100 91.6 68.2
14. UNIT CAPACITY FACTOR 3/	76.2 76.9 56.5
15. UNIT FORCED OUTAGE RATE 4/	0 4.9 13.2

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

750914 - 751108 ANNUAL OVERHAUL & REFUEL-
ING.

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 OF FORCED SHUTDOWNS	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
15	750823	S	27	H	NA	Reduced load to change rod pattern

SUMMARY:

Power output limited to between 480-525 MWe due to high lake cooling water temperature. As of 750821 reactor power restricted below 1580 MWt due to core thermal and reactivity limits and reactivity coast down commenced.

* A. Equipment Failure
B. Maintenance for Test
C. Refueling
D. Regulatory Restrictions
E. Operator Training and License Examination
F. Substitution
G. Operational Error
H-Other (Explain)

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

SUMMARY

SEE ABOVE:

1/ Reactor Availability Factor = $\frac{\text{Hours Reactor was critical} \times 100}{\text{Gross Hours in reporting period}}$ 2/ Unit Availability Factor = $\frac{\text{Hours Generator on Line} \times 100}{\text{Gross Hours in report period}}$ 3/ Unit Capacity Factor = $\frac{\text{Net Electrical Power Generated} \times 100}{\text{Max. Dependable Capacity} \times \text{Gross Hrs. in report period}}$ 4/ Unit Outage Rate = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} + \text{Forced Outage Hours}}$

Unit Data Prepared By: T. J. Perkins

T. J. PERKINS
STATION SUPERINTENDENT

----- Maximum Dependable Capacity (MWt NET)

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

