

MONTHLY REPORTS (FOR GRAY BOOK PREPARATION)

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FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. 13202 R.R. Schneider			DATE OF DOC 4-7-75	DATE REC'D 4-11-75	LTR XX	TWX	RPT	OTHER
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DRL			1 signed			SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS	PROP INFO	INPUT	NO CYS REC'D		DOCKET NO:		
	XXX			1		50-220		

DESCRIPTION:

Ltr trans the following:

ENCLOSURES:

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

NUMBER OF COPIES REC'D: 1PLANT NAME: Nine Mile Pt. Unit 1

FOR ACTION/INFORMATION

DHL 4-12-75

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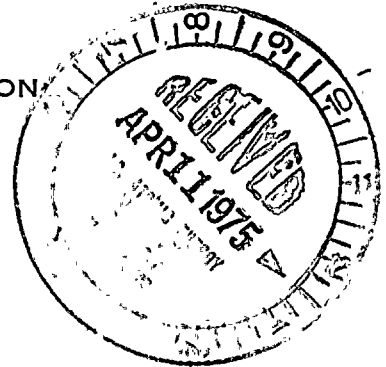
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NIAGARA MOHAWK POWER CORPORATION

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Regulatory Docket File April 7, 1975


50-220

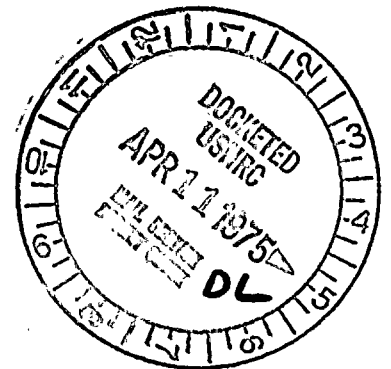
Office of Plans & Schedules
Directorate of Licensing
United States Nuclear Regulatory Commission
Washington, D.C. 20545

Gentlemen:

Submitted herewith is the Operating Status Report for
the month of March, 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

Enclosure
REGISTERED MAIL
RETURN RECEIPT REQUEST

3971

UNIT NAME

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MW_e) OPERATING STATUS

REACTOR AVAILABILITY (%)		UNIT AVAILABILITY (%)		UNIT CAPACITY (%)		FORCED OUTAGE RATE (%)	
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Nine Mile Point Nuclear Station
UNIT SHUTDOWNS/REDUCTIONS

1.	432	16.	582
2.	491	17.	583
3.	542	18.	380
4.	573	19.	464
5.	580	20.	2
6.	577	21.	127
7.	543	22.	400
8.	4	23.	500
9.	294	24.	560
10.	461	25.	582
11.	518	26.	584
12.	565	27.	581
13.	580	28.	580
14.	586	29.	580
15.	582	30.	576
		31.	568

----- Maximum Dependable Capacity (MW_e-NET)
----- Restricted Power Level (if applicable)

1. REPORTING PERIOD: 750301, 750331 GROSS HOURS IN REPORTING PERIOD: 744
2. CURRENTLY AUTHORIZED POWER LEVEL (MW_e): 1850 MAX. DEPEND. CAPACITY (MW_e-NET) 610
3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MW_e-NET) _____
4. REASONS FOR RESTRICTIONS (IF ANY): _____

	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	696.8	1,831.4	33,152.8
6. REACTOR RESERVE SHUTDOWN HOURS	67.4	279.3	765.0
7. HOURS GENERATOR ON LINE	676.6	1,738.6	31,279.8
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,110,586	2,812,592	49,345,662
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	370,279	937,685	16,285,438
11. NET ELECTRICAL ENERGY GENERATED (MWH)	359,500	909,182	15,782,328
12. REACTOR AVAILABILITY FACTOR %	93.5	84.8	69.9
13. UNIT AVAILABILITY FACTOR %	90.9	80.5	65.9
14. UNIT CAPACITY FACTOR %	79.2	69.0	54.5
15. UNIT FORCED OUTAGE RATE %	9.1	10.7	14.4

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

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

NUMBER	DATE	TYPE FORCED SCHEDULED	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
6	750308	F 26.5	A 1	#11 Turbine Control Valve Repaired		
7	750318	F 3.6	B NA	#10 H.S. Transformer bus duct rod loose. Removed.		
8	750320	F 37.3	A 3	Crack in turbine oil to clutch piping		

* A Equipment Failure
B Maintenance On Unit
C Outage
D Regulatory Restrictions
E Fuel Rod Ejection and License Examination
F Administrative
G Operational Error
H Other (if explain)

** 1 Manual
2 Manual Scram
3 Automatic Scram

SUMMARY

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 = $\frac{\text{Forced Outage Hours} \times 100}{\text{Hours Generator on Line} \times \text{Forced Outage Hours}}$

Utility Data Prepared By:

T. J. Perkins

Station Superintendent

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