

AEC DISTRIBUTION FOR PART 50 ROCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 11521

FILE: Monthly Rpt File

FROM: Niagara Mohawk Power Corp. Syracuse, N.Y. 13202 R.R. Schneider			DATE OF DOC 11-5-74	DATE REC'D 11-11-74	LTR X	TWK	RPT	OTHER
TO: DL			ORIG 1 signed	CC	OTHER	SENT AEC PDR XX SENT LOCAL PDR XX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-220		
DESCRIPTION: Ltr trans the following...				ENCLOSURES: Monthly Report for <u>OCTOBER 1974</u> Plant & Component Operability & Availability This Report to be used in preparing Grey Book by Plans & Operations. No. of Cys Rec'd <u>1</u>				
PLANT NAME: Nine Mile Pt. Unit 1				<div style="text-align: right;"> ACKNOWLEDGED Do Not Remove </div>				

FOR ACTION/INFORMATION

DHL 11-21-74

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REG FILE

AEC PDR
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SKOVHOLT (L)
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IPPOLITO
TEDESCO
LONG
LAINAS
BENAROYA
VOLLMER

DEVELOP

GRIMES
GAMMILL
KASTNER
BALLARD
SPANGLER

ENVIRO
MULLER
DICKER
KNIGHTON
YOUNGBLOOD
REGAN
PROJECT LDR
HARLESS

LIC ASST

DIGGS (L)
GEARIN (L)
GOULBOURNE (L)
KREUTZER (E)
LEE (L)
MAIGRET (L)
REED (E)
SERVICE (L)
SHEPPARD (L)
SLATER (E)
SMITH (L)
TEETS (L)
WILLIAMS (E)
WILSON (L)

A/T INS

BRAITMAN
SALTZMAN
B. HURT

PLANS
MCDONALD
CHAPMAN
DUBE w/input
E. COUPE
D. THOMPSON (2)
KLECKER
EISENHUT

EXTERNAL DISTRIBUTION

1 - LOCAL PDR Oswego, N.Y.	(1)(2)(10)-NATIONAL LADS	1-PDR-SAN LAZAR
1 - TIC (ABERNATHY)	1-ASLEP (E/W Bldg, Rm 519)	1-CROOKHAVEN HALL
1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. CLARKSON, Rm
1 - ASLB	1-BAM SWINEBROOK, Rm E-201 GT	1-AGMED (Rm E-127 GT)
1 - Newton Anderson	1-CONSULTANTS	1-RD. ATTALLES
16 - ACRS HOLDING	NEWARK/BLUME/AGADABIAN	

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK

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



November 5, 1974

50-220

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

Regulatory

File Cy

Gentlemen:

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

Very truly yours,



R. R. Schneider

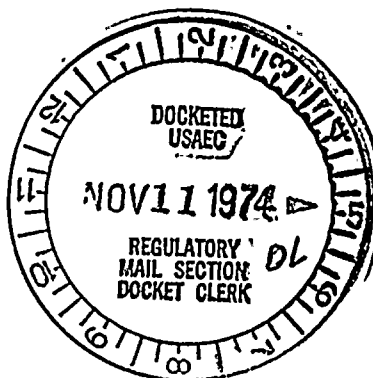
Vice President - Electric Operations

RRS/na

CC: RO:1

Enclosures

REGISTERED MAIL
RETURN RECEIPT REQUEST



11521

UNIT NAME

★ THIS UNIT NOT YET IN COMMERCIAL OPERATION

AVERAGE DAILY POWER LEVEL (MWe) OPERATING STATUS

REACTOR AVAILABILITY (%)	UNIT AVAILABILITY (%)	UNIT CAPACITY (%)	FORCED OUTAGE RATE (%)
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UNIT SHUTDOWNS/REDUCTIONS

1. REPORTING PERIOD: 741001-741031 GROSS HOURS IN REPORTING PERIOD: 745

2. CURRENTLY AUTHORIZED POWER LEVEL (MWe): 1850 MAX. DEPEND. CAPACITY (MWe NET): 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): (MWe NET) NONE

4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR. TO DATE	CUMULATIVE TO DATE
5. NUMBER OF HOURS THE REACTOR WAS CRITICAL	<u>727.6</u>	<u>5120.9</u>	<u>30,068.1</u>
6. REACTOR RESERVE SHUTDOWN HOURS	<u>24.2</u>	<u>67.8</u>	<u>LATER</u>
7. HOURS GENERATOR ON LINE	<u>703.4</u>	<u>4989.7</u>	<u>28,354.5</u>
8. UNIT RESERVE SHUTDOWN HOURS	<u>0</u>	<u>0</u>	<u>0</u>
9. GROSS THERMAL ENERGY GENERATED (MMWh)	<u>1,112,616</u>	<u>8,314,493</u>	<u>50,278,170</u>
10. GROSS ELECTRICAL ENERGY GENERATED (MMWh)	<u>368,694</u>	<u>2,749,735</u>	<u>14,716,768</u>
11. NET ELECTRICAL ENERGY GENERATED (MMWh)	<u>358,320</u>	<u>2,667,687</u>	<u>14,262,179</u>
12. REACTOR AVAILABILITY FACTOR ^{1/}	<u>97.7</u>	<u>70.2</u>	<u>68.6</u>
13. UNIT AVAILABILITY FACTOR ^{2/}	<u>94.4</u>	<u>68.4</u>	<u>64.7</u>
14. UNIT CAPACITY FACTOR ^{3/}	<u>78.8</u>	<u>59.9</u>	<u>53.4</u>
15. UNIT FORCED OUTAGE RATE ^{4/}	<u>0</u>	<u>0</u>	<u>14.4</u>

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		

Maximum Dependable Capacity (MWe NET)

Restricted Power Level (if applicable)

NUMBER	DATE	TYPE OF FORCED SHUTDOWNS	DURATION (HOURS)	REASON*	METHOD OF SHUTTING DOWN REACTOR**	COMMENTS
1	10/12/74	S	41.6	B	2	Operator Error

* A. Equipment Failure
B. Maintenance Error
C. Human Error
D. Regulatory Restriction
E. Fuel Element Examination
F. Fuel Element Replacement
G. Operational Error
H. Other (Specify)

** 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

T.J. Perkins
Station Superintendent

