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DESCRIPTION:

Ltr trans the following...

ENCLOSURES:

Monthly Report for OCTOBER 1974
Plant & Component Operability & Availability
This Report to be used in preparing Grey Book by Plans & Operations.

No. of Cys Rec'd 1

ACKNOWLEDGED
Do Not Remove

PLANT NAME: Nine Mile Pt. Unit 1

FOR ACTION/INFORMATION DHL 11-21-74

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INTERNAL DISTRIBUTION

REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
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GIAMBUSSO	PAWLICKI	SPANGLER	KREUTZER (E)	PLANS
BOYD	SHAO		LEE (L)	MCDONALD
MOORE (L)(BWR)	STELLO	ENVIRO	MAIGRET (L)	CHAPMAN
DEYOUNG(L)(PWR)	HOUSTON	MULLER	REED (E)	DUBE w/input
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1-ACRS [illegible] Rm E-[illegible]
1-RD. MULLER, GT

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

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

AVERAGE DAILY POWER LEVEL (MWe)

1-- 575	17 - 382
2 - 578	18 - 436
3 - 579	19 - 471
4 - 574	20 - 473
5 - 576	21 - 474
6 - 575	22 - 481
7 - 574	23 - 486
8 - 576	24 - 484
9 - 577	25 - 515
10 - 576	26 - 565
11 - 542	27 - 567
12 - 22	28 - 572
13 - 23	29 - 572
14 - 271	30 - 573
15 - 325	31 - 572
16 - 343	

——— Maximum Dependable Capacity (MWe-NET)

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

OPERATING STATUS

1. REPORTING PERIOD: 741001-741031 GROSS HOURS IN REPORTING PERIOD: 745
2. CURRENTLY AUTHORIZED POWER LEVEL (MWt): 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	727.6	5120.9	30,068.1
6. REACTOR RESERVE SHUTDOWN HOURS	24.2	67.8	LATER
7. HOURS GENERATOR ON LINE	703.4	4989.7	28,354.5
8. UNIT RESERVE SHUTDOWN HOURS	0	0	0
9. GROSS THERMAL ENERGY GENERATED (MWH)	1,112,616	8,314,493	50,278,170
10. GROSS ELECTRICAL ENERGY GENERATED (MWH)	368,694	2,749,735	14,716,768
11. NET ELECTRICAL ENERGY GENERATED (MWH)	358,320	2,667,687	14,262,179
12. REACTOR AVAILABILITY FACTOR 1/	97.7	70.2	68.6
13. UNIT AVAILABILITY FACTOR 2/	94.4	68.4	64.7
14. UNIT CAPACITY FACTOR 3/	78.8	59.9	53.4
15. UNIT FORCED OUTAGE RATE 4/	0	0	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 STARTUP:

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
1	10/12/74	S	41.6	B	2	Operator Error

Received W/Ltr Dated 11-5-74

Regulatory File Cy

*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

Utility Data Prepared By: T.J. Perkins

T.J. Perkins
Station Superintendent