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Niagara Mohawk Power Corporation Syracuse, N. Y. 13202 R. R. Schneider	8-1-74	8-7-74	X			

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DESCRIPTION:
Ltr. trans the following:

ENCLOSURES:
Monthly Report for July 1974
Plant & Component Operability & Availability
This Report to be use for preparing Grey Book
by Plans & Operations.....

Do Not Remove

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ACKNOWLEDGED

PLANT NAME: Nine Mile Point Unit # 1

FOR ACTION/INFORMATION 8-7-74 AB

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ CYS	W/ CYS	W/ CYS	W/ CYS
CLARK (L)	STOLZ (L)	DICKER (E)	LEAR
W/ CYS	W/ CYS	W/ CYS	W/ 1 CYS
PARR (L)	VASSALLO (E)	KNIGHTON (E)	W. MAGEE
W/ CYS	W/ CYS	W/ CYS	W/ 2 CYS
KNIEL (L)	PURPLE (L)	YOUNGBLOOD (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS

INTERNAL DISTRIBUTION

REG FILE	TECH REVIEW	DENTON	LIC ASST	A/T IND
AEC PDR	HENDRIE	GRIMES	DIGGS (L)	BRAITMAN
OGC	SCHROEDER	GAMMILL	GEARIN (L)	SALTZMAN
MUNTZING/STAFF	MACCARY	KASTNER	GOULBOURNE (L)	B. HURT
CASE	KNIGHT	BALLARD	KREUTZER (E)	
GIAMBUSSO	PAWLICKI	SPANGLER	LEE (L)	PLANS
BOYD	SHAO		MAIGRET (L)	MCDONALD
MOORE (L)(LWR-2)	STELLO	ENVIRO	REED (E)	CHAPMAN
DEYOUNG (L)(LWR-1)	HOUSTON	MULLER	SERVICE (L)	DUBE w/input
SKOVHOLT (L)	NOVAK	DICKER	SHEPPARD (L)	E. COUPE
GOLLER (L)	ROSS	KNIGHTON	SLATER (E)	
P. COLLINS	IPPOLITO	YOUNGBLOOD	SMITH (L)	D. THOMPSON (2)
DENISE	TEDESCO	REGAN	TEETS (L)	KLECKER
REG OPR	LONG	PROJECT MGR	WILLIAMS (E)	EISENHUT
FILE & REGION (3)	LAINAS		WILSON (L)	
MORRIS	BENAROYA	HARLESS		
STEELE	VOLLMER			

EXTERNAL DISTRIBUTION

1 - LOCAL PDR Oswego, N. Y.	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. ULRIKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - P. R. DAVIS	1-CONSULTANTS NEWMARK/BLUME/AGBABIAN	1-RD. MUELLER, Rm F-309 GT
16 - ACRS HOLDING		

Regulatory File Cy.

NIAGARA MOHAWK POWER CORPORATION

NIAGARA MOHAWK

300 ERIE BOULEVARD WEST
SYRACUSE, N. Y. 13202

August 1, 1974

RECEIVED AUG 7 1974 U.S. ATOMIC ENERGY COMMISSION Regulatory Mail Section

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

50-220

Gentlemen:

Please find enclosed, copies of the following reports for the Nine Mile Point Nuclear Station Unit 1:

1. Daily Plant Power
2. Operating Status
3. Plant Shutdowns

Very truly yours,

R. R. Schneider
Vice-President--Electric Operations

TJP/jmw
cc: RO:I
Enclosures - 3

DOCKETED USAEC AUG 7 1974 REGULATORY MAIL SECTION DOCKET CLERK

8178

ENCLOSURE A

UNIT NINE MILE POINT No. 1

DATE 74 0801

COMPLETED BY T. J. PERKINS

DAILY PLANT POWER OUTPUT

MONTH JULY, 1974

DAY	AVERAGE DAILY MWe-net	DAY	AVERAGE DAILY MWe-net
1	0	25	539
2	75	26	540
3	168	27	539
4	218	28	540
5	284	29	542
6	335	30	551
7	383	31	546
8	422		
9	407		
10	431		
11	475		
12	483		
13	380		
14	445		
15	494		
16	517		
17	530		
18	531		
19	512		
20	368		
21	439		
22	488		
23	494		
24	526		

UNIT NAME Nine Mile Point No. 1

DATE 74 0801

COMPLETED BY T. J. Perkins - Station Superintendent

OPERATING STATUS

1. REPORTING PERIOD: 740701 TO 740731

GROSS HOURS IN REPORTING PERIOD: 744

2. CURRENTLY AUTHORIZED POWER LEVEL MWt 1850 MWe-NET 610

3. POWER LEVEL TO WHICH RESTRICTED (IF ANY): None

4. REASONS FOR RESTRICTIONS (IF ANY):

	THIS MONTH	YR-TO-DATE	CUMULATIVE TO DATE
5. HOURS REACTOR WAS CRITICAL	739.12	2939.27	Not Available
6. HOURS GENERATOR ON-LINE	709.8	2,822.45	26,187.08
7. GROSS THERMAL POWER GENERATED (MWH)	1,020,624	4,579,270	40,943,053
8. GROSS ELECTRICAL POWER GENERATED (MWH)	326,935	1,528,760	13,495,843
9. NET ELECTRICAL POWER GENERATED (MWH)	316,758	1,482,494	13,076,986
10. REACTOR AVAILABILITY FACTOR (1)	99.34	57.7	Not Available
11. PLANT AVAILABILITY FACTOR (2)	95.4	55.4	62.9
12. PLANT CAPACITY FACTOR (3)	69.8	47.8	51.5
13. FORCED OUTAGE RATE (4)	0	0	15.3

14. SHUTDOWNS SCHEDULED TO BEGIN IN NEXT 6 MONTHS (STATE TYPE, DATE AND DURATION OF EACH):

15. IF SHUTDOWN AT END OF REPORT PERIOD, ESTIMATED DATE OF STARTUP: _____

16. PLANTS IN TEST STATUS (PRIOR TO COMMERCIAL OPERATION) REPORT THE FOLLOWING:

	DATE LAST FORECAST	DATE ACHIEVED	REASON FOR DIFFERENCE
INITIAL CRITICALITY			
INITIAL ELECTRICAL POWER GENERATION			
COMMERCIAL OPERATION			

(1) REACTOR AVAILABILITY FACTOR = $\frac{\text{HOURS REACTOR WAS CRITICAL}}{\text{GROSS HOURS IN REPORTING PERIOD}}$ *100

(2) PLANT AVAILABILITY FACTOR = $\frac{\text{HOURS GENERATOR ON-LINE}}{\text{GROSS HOURS IN REORTING PERIOD}}$ *100

(3) PLANT CAPACITY FACTOR = $\frac{\text{NET ELECTRICAL POWER GENERATED}}{\text{CURRENTLY LICENSED POWER LEVEL*GROSS HOURS IN REPORTING PERIOD}}$ *100

(4) FORCED OUTAGE RATE = $\frac{\text{FORCED OUTAGE HOURS}}{\text{HOURS GENERATOR ON-LINE + FORCED OUTAGE HOURS}}$ *100

SUMMARY:

Unit No. 1 Shutdown for Annual Overhaul and Refueling

UNIT NAME Nine Mile Point No.1

DATE 740801

COMPLETED BY T. J. Perkins

REPORT MONTH JULY, 1974

PLANT SHUTDOWNS

NO.	DATE	TYPE F-FORCED S-SCHEDULED	DURATION (HOURS)	REASON (1)	METHOD OF SHUTTING DOWN THE REACTOR (2)	COMMENTS
1	740330	S	34.2	C	A	

(1) REASON:
A-EQUIPMENT FAILURE (EXPLAIN)
B-MAINT. OR TEST
C-REFUELING
D-REGULATORY RESTRICTION
E-OPERATOR TRAINING AND LICENSE EXAMINATION
F-ADMINISTRATIVE
G-OPERATIONAL ERROR (EXPLAIN)

(2) METHOD:
A- MANUAL
B- MANUAL SCRAM
C- AUTOMATIC SCRAM