

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 7/5/84
 COMPLETED BY T.W. Roman
 TELEPHONE (515) 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 6/1/84 thru 6/30/84
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 630
6. Maximum Dependable Capacity (Gross MWe): 620
7. Maximum Dependable Capacity (Net MWe): 610
8. If Changes Occur in Capacity Ratings (Items Number 3 Through 7) Since Last Report, Give Reasons:

Notes

9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	720.0	4368.0	129,648.0
12. Number Of Hours Reactor Was Critical	252.5	2081.0	88382.7
13. Reactor Reserve Shutdown Hours	0	0	1204.2
14. Hours Generator On-Line	193.0	2018.5	85506.8
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	276249.0	3,338,771.0	141,433,211.0
17. Gross Electrical Energy Generated (MWH)	89114.0	1,123,398.0	46,755,179.0
18. Net Electrical Energy Generated (MWH)	86,220.0	1,088,143.0	45,282,902.0
19. Unit Service Factor	26.8	39.5	66.0
20. Unit Availability Factor	26.8	39.5	66.0
21. Unit Capacity Factor (Using MDC Net)	19.6	34.9	57.3
22. Unit Capacity Factor (Using DER Net)	19.3	34.3	56.3
23. Unit Forced Outage Rate	0.0	0.0	17.0

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):

25. If Shut Down At End Of Report Period, Estimated Date of Startup:

26. Units In Test Status (Prior to Commercial Operation):	Forecast	Achieved
INITIAL CRITICALITY		
INITIAL ELECTRICITY		
COMMERCIAL OPERATION		

8407200108 840630
 PDR ADOCK 05000220
 R PDR

(9/77)

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AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Pt. Unit #1

DATE 7/3/84

COMPLETED BY T.W. Roman *SLR*

TELEPHONE (315) 349-2422

MONTH June 1984

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>0</u>
4	<u>0</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>0</u>
9	<u>0</u>
10	<u>0</u>
11	<u>0</u>
12	<u>0</u>
13	<u>0</u>
14	<u>0</u>
15	<u>0</u>
16	<u>0</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>0</u>
18	<u>0</u>
19	<u>0</u>
20	<u>0</u>
21	<u>0</u>
22	<u>2</u>
23	<u>89</u>
24	<u>294</u>
25	<u>418</u>
26	<u>534</u>
27	<u>444</u>
28	<u>600</u>
29	<u>607</u>
30	<u>606</u>
31	<u></u>

INSTRUCTIONS

On this format, list the average daily unit power level in MWe-Net for each day in the reporting month. Compute to the nearest whole megawatt.

UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH June 1984DOCKET NO. 50-220UNIT NAME NMP#1DATE 7/3/84COMPLETED BY T. W. RomanTELEPHONE (315) 349-2422

No.	Date	Type ¹	Duration (Hours)	Reason ²	Method of Shutting Down Reactor ³	Licensee Event Report #	System Code ⁴	Component Code ⁵	Cause & Corrective Action to Prevent Recurrence
8401	840317		2349.5	C	1				Unit shutdown for biennial refuel and overhaul
8402	840614	S	23	A	1				Electromatic 112 and 121 stuck open; Electromatic 113 did not open
8403	840617	S	115.5	A	1				Electromatic 121 stuck open; Electromatic 112, 113, and 123 leaked after test
8404	840622	S	3.5	B					Generator sequential trip test
8405	840623	S	.5	B	1				Turbine overspeed trip test
8406	840627	F	8	A					Load reduction to 36% power because of fire on #13 feedwater pump

¹
F: Forced
S: Scheduled

²
Reason:
A-Equipment Failure (Explain)
B-Maintenance or Test
C-Refueling
D-Regulatory Restriction
E-Operator Training & License Examination
F-Administrative
G-Operational Error (Explain)
H-Other (Explain)

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Method:
1-Manual
2-Manual Scram.
3-Automatic Scram.
4-Other (Explain)

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Exhibit G - Instructions
for Preparation of Data
Entry Sheets for Licensee
Event Report (LER) File (NUREG-
0161)

⁵
Exhibit I - Same Source

NIAGARA MOHAWK POWER CORPORATION
NINE MILE POINT NUCLEAR STATION UNIT #1
NARRATIVE OF OPERATING EXPERIENCE
JUNE 1984

Nine Mile Point Unit #1 returned to service from a major refueling and overhaul outage during the month of June. The station operated with a monthly availability factor of 28.6% and a net design electrical rating capacity factor of 19.3%. Capacity/Availability losses were due to the following:

The station was shutdown for a planned refueling up to June 13th when the first reactor start up was commenced. The plant was shut down due to electromatic relief valve test failures. A second reactor start up was commenced on June 16th and relief valve failures again forced a plant shutdown. A third reactor startup was commenced on June 22nd. The Turbine/Generator was placed on line at 0500 June 23rd after two Turbine/Generator trip tests. The plant operated normally reaching top load on June 27th. Smoldering insulation on the #13 shaft driven feedwater pump caused a load reduction to 36% power at 0430 on the 27th. The plant returned to full load again on the 28th and operated normally the rest of the month.

CLASS I WORK - MECHANICAL MAINTENANCE - JUNE 1984

WR# 25247	#111 Cont. Spray Raw Water Pump - Rebuilt
WR# 27072	#11 Emerg. Cooling LCV-60-17, cleaned and repacked
WR# 25210	201.2-537 Post LOCA BV, replaced temp packing
WR# 27057	#11 Rx. Bldg. Heat Exchanger, opened, cleaned, installed new gaskets
WR# 25209	42.1R-1 & R-2 Liquid Poison, installed U-bolts
WR# 24633	#121 Cont. Spray Raw Water Pump, replaced pump
WR# 27015	CRD HCU 18-27, replaced piston seals and O rings, rebuilt and installed
WR# 26772	Emerg. Cooling Hanger 39-H22, readjusted spring can hangers
WR# 27000	Manual Valves 80, 90 & 91, took up on packings
WR# 25197	Hyd. Water Chem. Monitor Taps CS-G-3, New valve & Nipple installed
WR# 27161	CRD Filter #11, replaced dirty filters and O rings and gasket
WR# 27058	RBCLC #12 70-14, cleaned tubes, tested installed new gaskets
WR# 27177	CRD 18-07 106 Valve, polished seat, reinstalled all parts and packing
WR# 22419	94-30 Instr. Air dryer, replaced filters
WR# 23450	#13 Recirc pp; #13 Closed Loop Cooling BV, cleaned springs and stem
WR# 27059	#13 RBCLE Heat Exchanger; cleaned covers, cleaned tubes, press. tested
WR# 26262	18-03 CRD; uncoupled drive
WR# 21298	1984 outage hydro; took up on packings, flange leaks.
WR# 27194	DW Cooler 70-126, 130; replaced springs
WR# 21429	X-154 & X-9 Penetrations - Welded nipples into couplings
WR# 26778	66-HS-9 Snubber; filled reservoir to proper level
WR# 21210	Emerg. Cond. AC IV Valve 39-10; replaced stem new gaskets, new packing
WR# 27192	#12 FW Pump; replaced gasket on gear box
WR# 27191	#11 FW Pump; replaced gasket on gear box
WR# 26568	#12 Emerg. Cond. LCV 60-18; removed bonnet, cleaned seats, replaced gasket
WR# 24167	Inst. Air Blocking Valve 94-35; drilled out broken plug, replaced internals
WR# 27232	CRD 46-31 Accumulator; overhauled tank, rebuilt
WR# 24583	Cond. Demin. Strainers B11-16; checked all strainers
WR# 27402	#121 Electromatic Relief Valve; installed pilot valve
WR# 27413	#122 Electromatic Relief Valve; installed pilot valve
WR# 27412	50-01, #11 Cond. Pump; repacked
WR# 27414	#123 Electromatic Relief Valve; Cleaned Valve, tightened union, checked pilot setting
WR# 27401	#112 Electromatic Relief Valve; Cleaned Valve, tightened union, checked pilot setting
WR# 27475	#122 Cont. Spray Disch. Isol. Valve; Cleaned stem and repacked
WR# 27424	#01-112 Electromatic #112; disassembled, cleaned and lapped parts
WR# 27429	01-NR-108F #123 Electromatic; disassembled, cleaned and lapped parts
WR# 27425	01-121 Electromatic #121; disassembled, cleaned and lapped parts
WR# 27427	01-NR-108D-#122 Electromatic; disassembled, cleaned and lapped parts
WR# 27430	01-NR-108A-#111 Electromatic; disassembled, cleaned and lapped parts
WR# 27428	01-NR-108E-#113 Electromatic; disassembled, cleaned and lapped parts

CLASS I WORK - INSTRUMENT & CONTROL - JUNE 1984

WR# 27037	Isolation Valve 93-13; E/P converter leaking air (repaired tubing & fittings)
WR# 27681	Test Circuits for MSIV 7% closure (cleaned and adjusted vent valves)

CLASS I M.O. ELEC. MAINT.

4401	Motor Operated Valve 38-02 Cable Replacement
3411	Core Spray/Rx Head Vent Valve Logic
2131	Rx Protection System M.G. Set Alarms
3405	Remote Shutdown Panel Isolation
3938	FW/HPCI Cont. Sys., Low Flow Control
2440	Containment Vent Sys-Post LOCA

COMPLETED ELECTRICAL MAINTENANCE CLASS 1 SAFETY RELATED WR'S - JUNE

WR#	26890	Valves 68-01 & 68-02 - tightened bolts on micro switches along with all associated conduit & flex fittings
WR#	26889	Rx press xmitters 36-31, 36-32, & 36-33 - replaced flex conduit to xmitters
WR#	27073	12K23 Rx level High Trip relay - replaced relay
WR#	27076	DW nitrogen make up - replaced light bulb
WR#	27077	Torus N2 make up - operated valve no problem found
WR#	27074	Cont Spr to Wst IVII - adjusted by - pass switch.
WR#	27080	68-04 Valve - traced grounded wire to splice box retaped connection
WR#	21587	MG 171 83 Relay - cleaned contacts
WR#	27079	167 MG set under frequency relay 81LX - replaced defective Agastat
WR#	26886	BV93-25 - installed motor terminal strip
WR#	21588	Relay 83 on MG set 161 - Burnished contacts
WR#	27025	Torus air vent & isolation Valve 11 - stroked valve and lights worked properly
WR#	26986	Shutdown cooling IV38-02 - replaced motor & drive gear, replaced grease in operator housing, replaced spring pins in manual declutch shaft
WR#	26985	Reactor shutdown cooling IV 38-13 - changed close torque setting from 2.5 to 2.25 as per Movats report
WR#	27172	Main steam isolation valves - reset open & close valve position limit switches
WR#	27169	Drywell CAM IV for return line - restored wiring per leads lifted log entry 1770.
WR#	27173	39-10 emergency condenser cond return IV - replaced valve stem
WR#	27222	Drywell flooding block valve - replaced cap screws, checked limit torque operator & lubricated stem
WR#	27260	#11 FW Pump FCV Hi level trip limit switches - adjusted limit switches
WR#	27404	Electromatic relief valve 113 - replaced fuse relocated wires and operated solenoid
WR#	26989	Electromatic relief valves 121, 122, 123, 112, 111 & 113 - cleaned all solenoid armatures & freed all movable parts
WR#	27209	Core spray vent IV 121 - tightened control fuse connector
WR#	27039	12 Cond Demin inlet valve limit switch - adjusted limit switch
WR#	27437	122 Containment Spray IV - replaced solenoid coil

NIAGARA MOHAWK POWER CORPORATION

NIAGARA  MOHAWK300 ERIE BOULEVARD, WEST
SYRACUSE, N. Y. 13202

July 13, 1984

Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Attn: Document and Control Desk

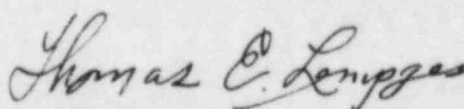
Re: Docket No. 50-220
DPR-63

Dear Sir:

Submitted herewith is the Report of Operating Statistics
and Shutdown for June 1984 for the Nine Mile Point Nuclear
Station Unit #1.

Also included is a narrative report of Operating Experience
for June 1984.

Very truly yours,



Thomas E. Lempges
Vice President
Nuclear Generation

TEL/lo
attachments
cc: Director, Office of I&E (10 copies)

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