

OPERATING DATA REPORT

DOCKET NO. 50-220
 DATE 5/8/84
 COMPLETED BY Thomas W. Roman
 TELEPHONE (315) 349-2422

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 4/1/84 thru 4/30/84
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	719	2544.5	127,079.2
12. Number Of Hours Reactor Was Critical	0	1828.5	88,130.2
13. Reactor Reserve Shutdown Hours	0	0	1204.2
14. Hours Generator On-Line	0	1828.5	85313.8
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	0	3,062,522.0	141,156,962.0
17. Gross Electrical Energy Generated (MWH)	0	1,034,284.0	46,666,065.0
18. Net Electrical Energy Generated (MWH)	0	1,001,923.0	45,196,682.0
19. Unit Service Factor	0	63.0%	69.2%
20. Unit Availability Factor	0	62.9	66.9
21. Unit Capacity Factor (Using MDC Net)	0	56.6	58.1
22. Unit Capacity Factor (Using DER Net)	0	55.6	57.2
23. Unit Forced Outage Rate	0	0	17.1

24. Shutdowns Scheduled Over Next 6 Months (Type, Date, and Duration of Each):
Unit shutdown for biennial refuel.

25. If Shut Down At End Of Report Period, Estimated Date of Startup: 6/1/84
26. Units In Test Status (Prior to Commercial Operation):

INITIAL CRITICALITY
 INITIAL ELECTRICITY
 COMMERCIAL OPERATION

Forecast
 Achieved

8405150267 840430
 PDR ADOCK 05000220
 R PDR

(9/77)

IE24
 1/1

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220

UNIT 9 Mile Point Unit #

DATE 5/8/84

COMPLETED BY Thomas W. Roman

TELEPHONE (315) 349-2422

MONTH April 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>0</u>
23	<u>0</u>
24	<u>0</u>
25	<u>0</u>
26	<u>0</u>
27	<u>0</u>
28	<u>0</u>
29	<u>0</u>
30	<u>0</u>
31	<u>0</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 April 1984

DOCKET NO. 50-220
 UNIT NAME 9 Mile Pt. Unit #1
 DATE 5/8/84
 COMPLETED BY Thomas W. Roman
 TELEPHONE (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
84-6	840317	S		C	1				Unit Shutdown for Biennial Refuel

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)

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

⁴
 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

April 1984

The station has been shutdown since March 17, 1984 for scheduled refueling and overhaul. The scheduled startup for the Unit is June 1.

CLASS I WORK - MAINTENANCE - APRIL 1984

WR #24455	CRD 18-47, removed 71471, installed 71572
WR #24788	CRD 26-27, removed 71430, installed 71612
WR #25675	CRD Charging Water Valve, 46-27, replaced ball, spring, packing
WR #25672	CRD Charging Water Valve, 26-23, replaced ball, spring, packing
WR #25693	CRD Charging Water Valve, 34-19, replaced ball, spring, packing
WR #25679	CRD Charging Water Valve, 50-23, replaced ball, spring, packing
WR #25671	CRD Charging Water Valve, 34-33, replaced ball, spring, packing
WR #25673	CRD Charging Water Valve, 26-35, replaced ball, spring, packing
WR #25100	Valve 53-03, replaced bonnet, straightened stem
WR #25190	Raw Water Intertie to containment, #93-62 disassembled, inspected, reassembled
WR #18629	#11 Control Room HVAC Chiller, performed preventative maintenance
WR #25275	#107 Drain Valve, CRD 18-43, replaced stem, packing, handwheel
WR #22992	Torus Manhole, opened manhole cover for torus inspection
WR #24748	Valve FW-55, replaced gasket
WR #18628	#12 Control Room HVAC Chiller, performed preventative maintenance
WR #23383	Raw Water Intertie to containment, #93-60 disassembled, inspected, reassembled
WR #24442	Scram outlet Valve, 26-11, replaced body gaskets, seat ring disc, retainer disc, and seat ring
WR #24441	Scram outlet Valve, 30-37, replaced body gaskets, seat ring disc, retainer disc, and seat ring
WR #25678	CRD Charging Water Valve, 02-27, replaced ball, spring, packing
WR #25680	CRD Charging Water Valve, 34-35, replaced ball, spring, packing
WR #25663	CRD Charging Water Valve, 06-35, replaced stem, spring, ball, packing
WR #25662	CRD Charging Water Valve, 14-43, replaced stem, spring, ball, packing
WR #25661	CRD Charging Water Valve, 26-51, replaced stem, spring, ball, packing
WR #25658	CRD Charging Water Valve, 34-51, replaced stem, spring, ball, packing
WR #25659	CRD Charging Water Valve, 38-35, replaced stem, spring, ball, packing
WR #25677	CRD Charging Water Valve, 18-07, replaced ball, spring, packing
WR #25674	CRD Charging Water Valve, 22-39, replaced ball, spring, packing
WR #25676	CRD Charging Water Valve, 14-15, replaced ball, spring, packing
WR #24003	39-06 Emerg. Cond. Sys., replaced plug and seat ring
WR #24443	Scram outlet valve, 14-19 replaced body gaskets, seat ring disc, retainer disc, and seat ring
WR #25253	CRD 30-43 Vent Valve, #107 replaced handle
WR #26054	DWEDT IV 83.1-09, straightened stem
WR #25668	CRD Charging Water Valve, 02-35, replaced stem, ball, spring, repacking
WR #25666	CRD Charging Water Valve, 30-15, replaced stem, ball, spring, repacking
WR #25667	CRD Charging Water Valve, 26-19, replaced stem, ball, spring, repacking
WR #25254	CRD Charging Water Valve, 30-39, replaced stem, ball, spring, repacking
WR #25665	CRD Charging Water Valve, 18-23, replaced stem, ball, spring, repacking

CLASS I WORK - MAINTENANCE - APRIL 1984

Cont'd

WR #25669	CRD Charging Water Valve, 06-39, replaced stem, ball, spring, repacking
WR #25664	CRD Charging Water Valve, 10-35, replaced stem, ball, spring, repacking
WR #25090	CRD Charging Water Valve, 14-31, replaced stem, ball, spring, repacking
WR #25761	Core Spray Check Valve 13, disassembled, inspected, reassembled
WR #24351	Diesel Gen. #102 Cooling Water Pump #72-63, replaced motor bearings
WR #24754	Emerg. Cond. BV #39-10, disassembled, inspected, reassembled
WR #21480	Shutdown Cooling Isol. Valve 38-02, disassembled, inspected, reassembled
WR #25911	RBCLC Butterfly Valve 137, removed old grease fitting, installed new one
WR #25660	CRD Charging Water Valve, 18-51, replaced stem, spring, ball, repacking
WR #25265	CRD Charging Water Valve, 46-39, replaced stem, spring, ball, repacking
WR #23799	Shutdown Cooling Isol. Valve, 38-06, replaced gasket
WR #20590	CRD 42-19 Foot Valve, replaced worn parts and cleaned
WR #24743	CRD 42-27 Foot Valve, replaced worn parts and cleaned
WR #21898	Feedwater Pumps #11 & #12, valves 29-23, 24 replaced internals
WR #23099	Rx Drain Valve #37-10, installed cap screw
WR #26067	Core Spray Loop, #11 Recirc, Safety Valve replaced safety valve
WR #23458	Bergen Patterson Snubbers, stamped nameplates as requested
WR #25954	Core Spray Loop #11 Recirc Safety Valve, removed safety valve and installed blank flange for hydro
WR #25111	#112 Electromatic relief valve, disassembled, rebuilt, reassembled, and installed
WR #25955	#33-02 CU inside IV, lapped threads on stem and nut
WR #20924	Cond. Sys. Relief Valve #50-103, replaced relief valve
WR #24642	#12 Emer. Vent Exh. Boot, replaced boots
WR #23787	Diesel Gen. replaced seals on soak back oil sys.
WR #24610	#102 Diesel Gen. replaced fuel oil pump
WR #25112	#122 Electromatic relief valve, disassembled, rebuilt, reassembled, and installed
WR #24596	#120 D.W. Cooler CLC Blocking Valves, cleaned and repacked
WR #24595	#122 D.W. Cooler CLC Blocking Valves, cleaned and repacked
WR #24594	#124 D.W. Cooler CLC Blocking Valves, cleaned and repacked
WR #24593	#126 D.W. Cooler CLC Blocking Valves, cleaned and repacked
WR #24592	#128 D.W. Cooler CLC Blocking Valves, cleaned and repacked
WR #22155	#11 D.W. Cooler #118 Check Valve, installed rebuilt valve
WR #25113	#123 Electromatic Relief Valve, disassembled, rebuilt, reassembled, and installed
WR #26037	CRD #71361, rebuilt CRD
WR #26036	CRD #71453, rebuilt CRD
WR #26038	CRD #71729, rebuilt CRD
WR #26041	CRD #71368, rebuilt CRD
WR #26039	CRD #71471, rebuilt CRD

CLASS I WORK - ELECTRICAL MAINTENANCE - APRIL 1984

WR #25657 DW FD MOV BV Cleaned Aux. contact
WR #25685 Core Spray Suct IV 111 EQ refurbished
WR #25684 Core Spray Suct IV 122 EQ refurbished
WR #25686 Core Spray Suct IV 112 EQ refurbished
WR #25725 Containment Spray BV 80-41 moved conduit
WR #25027 Supply Breaker 1053 replaced contact spring
WR #25736 Main Steam IV 111 Limitorque Operator installed pipe plug
WR #25737 Main Steam IV 121 Limitorque Operator installed pipe plug
WR #25861 Emergency Exhaust Fan Motor 12 EQ meggar and check rotation
WR #25935 Reactor Shutdown Cooling Pump Bkr. 12 replaced overcurrent devices
WR #25941 Core Spray Pump 111 EQ meggar and check rotation
WR #25943 Core Spray Pump 112 EQ meggar and check rotation
WR #25834 Limitorque Valve Actuator IV 83.1-11 EQ replaced operator
WR #25833 Limitorque Valve Actuator IV 83.1-09 EQ replaced operator
WR #25379 Limitorque Valve Actuator IV 33-02 EQ replaced operator
WR #25378 Limitorque Valve Actuator IV 33-01 EQ refurbished
WR #26152 4160V Breaker R1032 replaced charge spring motor
WR #25313 Limitorque Valve Actuator IV 40-11 EQ replaced operator
WR #25883 Limitorque Valve Actuator IV 38-13 EQ overhaul
WR #25882 Limitorque Valve Actuator IV 38-01 EQ overhaul
WR #23349 Limitorque Valve Actuator IV 33-04 EQ overhaul
WR #25741 Core Spray Suction Limitorque Operator 81-02, installed pipe plug
WR #26154 171 MG Set replaced overcurrent devices
WR #26071 Core Spray IV 40-10 replaced bolt
WR #25740 Limitorque Operator 40-09, 10 installed pipe plug
WR #26065 Power Board 17 R1053 adjusted limit switch
WR #26155 Feed for PB 1671A, replaced overcurrent devices
WR #25880 Limitorque Valve Actuator IV 40-01
Void used WR #25946
WR #25858 Limitorque Valve Actuator IV 81-01 RX Core Spray EQ refurbished
WR #26079 DG 102, repaired wire connection
WR #25743 Core Spray Suction Limitorque Operator, 81-01 installed pipe plug
WR #26094 Emergency Vent BV 202-35 EQ replaced coil
WR #26096 Emergency Vent BV 202-75 EQ replaced coil
WR #26095 Emergency Vent BV 202-75 EQ replaced coil
WR #25744 Core Spray Discharge Limitorque Operator 40-01, installed pipe plug
WR #26105 FW Pump 11 Breaker replaced connection for charging motor
WR #25946 Core Spray Inside Discharge IV 40-01 EQ installed terminal strip and
T drain
WR #25148 CRD Pump #11 replaced overcurrent devices
WR #25749 RX Shutdown Cooling Return IV 12 installed pipe plug
WR #25750 33-04 Installed pipe plug

SURVEILLANCE TESTS

N1-MST-M1 125 VDC Battery Pilot Cell
Voltage and specific gravity test

CLASS I WORK - MAJOR ORDER - ELECTRICAL MAINT. - APRIL 1984

3410	Appendix R - ADS Logic Modification
3411	Appendix R - Core Spray/Rx Head Vent
3072	Undervoltage relaying PB 102 and 103
3737	Control Pm. HVAC
3405	Appendix R - Remote shutdown Panel
2131	Rx. Prot. Sys. MG sets
3406	Appendix R - Emergency Condenser Logic
3384	HPCI - High Level Trip

CLASS I WORK - INSTRUMENT & CONTROL - APRIL 1984

WR #26001	Torus O ₂ sample line failed LLRT (201.2-70) (replaced O-rings per N1-IMP-24.1)
WR #25609	CRD Scram Pilot valves airlines fittings leaking (tightened fittings & replaced tubing)
WR #25762	CRD Scram Volume Vent & Drain SOV's (rebuilt SOV's per IMP-100)

May 11, 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 April 1984 for the Nine Mile Point Nuclear
Station Unit #1.

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

Very truly yours,

C. V. Mangano

C. V. Mangano
Vice President
Nuclear Engineering &
Licensing

CVM/jkr

Attachments

cc: Director, Office of I&E (10 copies)

IE24
/1