

OPERATING DATA REPORT

DOCKET NO. 50-220  
 DATE 9/10/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE (315)343-2110  
 Ext. 1312

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: 08-01-79 - 08-31-79
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 640
5. Design Electrical Rating (Net MWe): 620
6. Maximum Dependable Capacity (Gross MWe): 630
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: \_\_\_\_\_

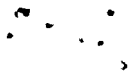
	This Month	Yr.-to-Date	Cumulative
11. Hours In Reporting Period	<u>744</u>	<u>5832</u>	<u>86184</u>
12. Number Of Hours Reactor Was Critical	<u>744</u>	<u>3141.2</u>	<u>62614.1</u>
13. Reactor Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>1204.1</u>
14. Hours Generator On-Line	<u>734.2</u>	<u>3083.7</u>	<u>60106.5</u>
15. Unit Reserve Shutdown Hours	<u>0</u>	<u>0</u>	<u>20.4</u>
16. Gross Thermal Energy Generated (MWH)	<u>1,170,853</u>	<u>4,887,363</u>	<u>97,242,124</u>
17. Gross Electrical Energy Generated (MWH)	<u>370,974</u>	<u>1,503,704</u>	<u>31,907,890</u>
18. Net Electrical Energy Generated (MWH)	<u>359,931</u>	<u>1,452,952</u>	<u>30,897,328</u>
19. Unit Service Factor	<u>98.7</u>	<u>52.9</u>	<u>69.7</u>
20. Unit Availability Factor	<u>98.7</u>	<u>52.9</u>	<u>69.7</u>
21. Unit Capacity Factor (Using MDC Net)	<u>79.3</u>	<u>40.8</u>	<u>58.8</u>
22. Unit Capacity Factor (Using DER Net)	<u>78.0</u>	<u>40.2</u>	<u>57.8</u>
23. Unit Forced Outage Rate	<u>.6</u>	<u>1.8</u>	<u>9.7</u>
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: \_\_\_\_\_

	Forecast	Achieved
INITIAL CRITICALITY	_____	_____
INITIAL ELECTRICITY	_____	_____
COMMERCIAL OPERATION	_____	_____

7909170374

(9/77)



UNIT SHUTDOWNS AND POWER REDUCTIONS

REPORT MONTH August

DOCKET NO. 50-220  
 UNIT NAME 9 Mile Point #1  
 DATE 9/10/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE (315)343-2110 Ext. 1312

No.	Date	Type <sup>1</sup>	Duration (Hours)	Reason <sup>2</sup>	Method of Shutting Down Reactor <sup>3</sup>	Licensee Event Report #	System Code <sup>4</sup>	Component Code <sup>5</sup>	Cause & Corrective Action to Prevent Recurrence
	8-1-79	F	28.1	A	1				#135 F.W. Htr Leak repaired
	8-11-79	S	5.5	H	1				Balance Turbine
	8-11-79	F	4.3	A	1				#13 FW Pump had to be clutched by hand
	8-21-79	F	29.0	A	1				#125-#135 FW Htr leaks repaired
	8-26-79	F	5.5	A	1				#11 FW pump oil leak repaired

<sup>1</sup>  
 F: Forced  
 S: Scheduled

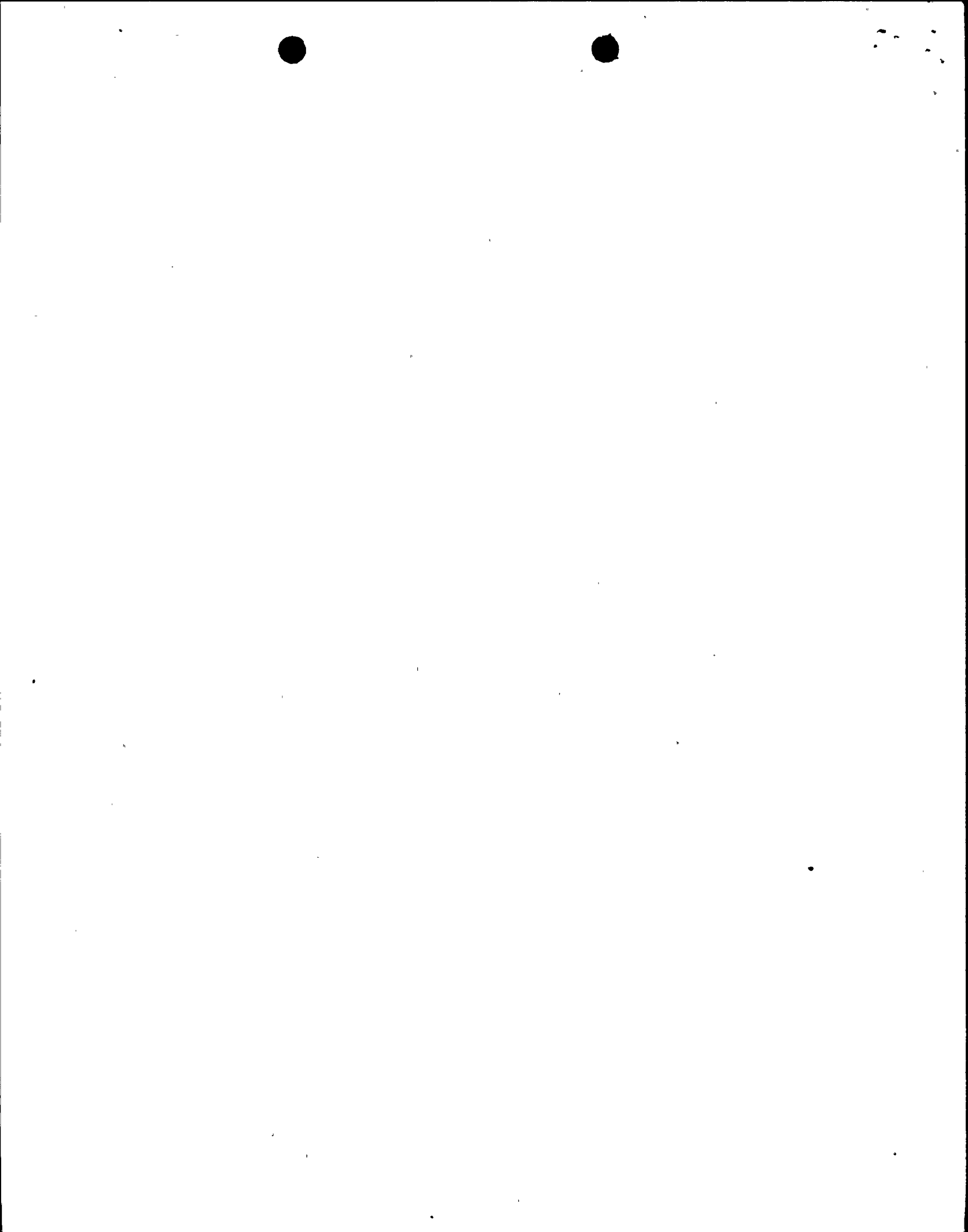
<sup>2</sup>  
 Reason:  
 A-Equipment Failure (Explain)  
 B-Maintenance of Test  
 C-Refueling  
 D-Regulatory Restriction  
 E-Operator Training & License Examination  
 F-Administrative  
 G-Operational Error (Explain)  
 H-Other (Explain)

<sup>3</sup>  
 Method:  
 1-Manual  
 2-Manual Scram.  
 3-Automatic Scram.  
 4-Other (Explain)

<sup>4</sup>  
 Exhibit G - Instructions for Preparation of Data Entry Sheets for Licensee Event Report (LER) File (NUREG-0161)

<sup>5</sup>  
 Exhibit I - Same Source

(9/77)



AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220  
 UNIT 9 Mile Pt. #1  
 DATE 9/10/79  
 COMPLETED BY T.J. Perkins  
 TELEPHONE 315-343-2110  
 Ext. 1311

MONTH August

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)	DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	505	17	456
2	459	18	522
3	511	19	538
4	516	20	550
5	516	21	513
6	513	22	456
7	517	23	456
8	516	24	457
9	518	25	457
10	502	26	519
11	122	27	539
12	354	28	543
13	459	29	548
14	449	30	544
15	451	31	541
16	451		

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.



NIAGARA MOHAWK POWER CORPORATION  
NINE MILE POINT NUCLEAR STATION UNIT #1

NARRATIVE OF OPERATING EXPERIENCE

AUGUST 1979

Station operated at 98.7% availability and 79.3% capacity factor during the month of August. During the entire month, #15 Reactor Recirculation Pump was isolated and out of service due to pump bearing and shaft problems.

<u>DATE</u>	<u>ACTIVITY</u>
August 1	2043 - Load reduced via rods and recirculation flow 529-465 MWe for removal of #135 feedwater heater from service due to blowing safety valve
August 3	0137 - Load increased via rods and recirculation flow 464-502 MWe 0155 - Started pre-conditioning increases at 5 MWe/hr to 528 MWe 0337 - Load reduced via recirculation flow 528-523 MWe due to load increase due to Xenon burn out. 0541 - Load reduced by insertion of center control rod one notch due to Xenon burn out
August 9	2330 - Load reduced to 248 MWe via control rods and recirculation flow. Shutting down to install balance weight on turbine.
August 11	0140 - Unit off line for turbine balance shot and feedwater heater repair. Power level - 455 MWt. 0717 - Unit on line at 115 MWe. 0902 - Load increased at 217 MWe via control rods 1928 - Started load reduction to remove unit from service due to malfunction of clutch on turbine shaft feedwater pump 2101 - Unit off line
August 12	0115 - Unit on line, increasing load via control rods and recirculation flow 2305 - Load returned to 464 MWe via control rods and recirculation flow. Shaft feed pump clutched up while on turning gear.
August 13	0220 - Started load increase using recirculation flow 464 - 467 MWe 0515 - Load increased 467-470 MWe 0615 - Load increased 470-475 MWe 0618 - Load increased 475-478 MWe
August 17	1855 - Started load increase via recirculation flow to 497 MWe. Feedwater heaters repaired and in service.





DATE

ACTIVITY

August 18	1000 - Load increased to 547 MWe via recirculation flow
August 19	1845 - Load increased to 566 MWe via recirculation flow
August 20	1342 - Load increased using control rods to 95% CTP. New technical specification on power to flow allows operation to 100% CTP with one recirculation pump isolated.
August 21	1350 - Started load reduction via recirculation flow to approximately 490 MWe due to leak in #135 Feedwater Heater. Isolated heater for repairs.
August 25	2345 - Load increased from 490-536 MWe via recirculation flow. #135 FW heater in service.
August 27	0700 - Load returned to 561 MWe via recirculation flow. #11 FW pump in service



10-10-19

1