

OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 6/4/96

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: May 1996
3. Licensed Thermal Power (MWt): 1850
4. Nameplate Rating (Gross MWe): 642
5. Design Electrical Rating (Net MWe): 613
6. Maximum Dependable Capacity (Gross MWe): 584
7. Maximum Dependable Capacity (Net MWe): 565
8. If Changes Occur in Capacity Ratings (Items Number 3 through 7) Since Last Report, Give Reasons:
9. Power Level To Which Restricted, If Any (Net MWe):
10. Reasons For Restrictions, If Any:

Notes

	This Month	Yr-to-Date	Cumulative
11. Hours in Reporting Period	744.0	3,647.0	234,120.2
12. Number of Hours Reactor Was Critical	688.1	3,485.4	157,562.1
13. Reactor Reserve Shutdown Hours	0	0	1,204.2
14. Hours Generator On-Line	675.8	3,460.3	153,681.2
15. Unit Reserve Shutdown Hours	0	0	20.4
16. Gross Thermal Energy Generated (MWH)	1,190,705.0	6,250,650.0	261,168,296.0
17. Gross Electrical Energy Generated (MWH)	403,911.0	2,135,277.0	86,905,896.0
18. Net Electrical Energy Generated (MWH)	393,452.0	2,078,173.0	84,263,554.0
19. Unit Service Factor	90.8	94.9	65.6
20. Unit Availability Factor	90.8	94.9	65.7
21. Unit Capacity Factor (Using MDC Net)	93.6	100.9	59.5
22. Unit Capacity Factor (Using DER Net)	86.3	93.0	58.1
23. Unit Forced Outage Rate	9.2	1.9	22.7
24. Shutdowns Scheduled Over Next 6 Months (Type, Date and Duration of Each):			

25. If shutdown At End of Report Period, Estimated Date of Startup:

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MONTH May 1996

DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)	DAY	AVERAGE DAILY POWER LEVEL (Mwe-Net)
1	556	17	615
2	617	18	321
3	617	19	571
4	618	20	315
5	617	21	0
6	619	22	0
7	619	23	128
8	618	24	371
9	607	25	591
10	618	26	613
11	616	27	614
12	617	28	613
13	616	29	613
14	616	30	615
15	616	31	613
16	616		

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.



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

The station operated during the month of May 1996 with a Unit Availability Factor of 90.8% and a Net Design Electrical Capacity Factor of 86.3%. There were no challenges to Electromatic Relief Valves. Reductions in Capacity Factor were as follows: On May 1, 1996, #11 reactor recirculation pump was returned to service. This allowed core thermal power previously limited to 90% for 3 recirculation loop operation to return to 100% CTP. On May 9, 1996 #15 reactor recirculation pump was returned to service. On May 18 and 19, 1996, the unit was derate for 32.9 hours to locate tube leaks in the main condenser and to conduct emergency condenser heat load capability testing. On May 20, 1996, the reactor scrambled on high reactor water level which was caused by failure of #13 feedwater flow control valve. The unit remained off line for 68.2 hours before the unit was synchronized to the grid on May 23, 1996 @ 0931. The unit was back to full power on May 25, 1996 @ 0426.



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