

OPERATING DATA REPORT

DOCKET NO.: 50-220

DATE: 5/06/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

OPERATING STATUS

1. Unit Name: Nine Mile Point Unit #1
2. Reporting Period: April 1997
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   | 719.0      | 2879.0      | 242,136.2     |
| 12. Number of Hours Reactor Was Critical                                      | 0.0        | 1452.9      | 163729.9      |
| 13. Reactor Reserve Shutdown Hours  | 0.0        | 0           | 1,204.2       |
| 14. Hours Generator On-Line   | 0.0        | 1445.2      | 159,801.4     |
| 15. Unit Reserve Shutdown Hours   | 0.0        | 0           | 20.4          |
| 16. Gross Thermal Energy Generated (MWH)                                      | 0.0        | 2,613,580.0 | 271,820,360.0 |
| 17. Gross Electrical Energy Generated (MWH)                                   | 0.0        | 893,362.0   | 90,471,818.0  |
| 18. Net Electrical Energy Generated (MWH)                                     | 0.0        | 868,938.0   | 87,730,492.0  |
| 19. Unit Service Factor   | 0.0        | 50.2        | 66.0          |
| 20. Unit Availability Factor  | 0.0        | 50.2        | 66.0          |
| 21. Unit Capacity Factor (Using MDC Net)                                      | 0.0        | 53.4        | 60.0          |
| 22. Unit Capacity Factor (Using DER Net)                                      | 0.0        | 49.2        | 58.5          |
| 23. Unit Forced Outage Rate   | 0.0        | 2.8         | 22.2          |
| 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: May 6, 1997

9705220314 970512  
 PDR ADOCK 05000220  
 R PDR



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MONTH April 1997

| DAY | AVERAGE DAILY POWER LEVEL<br>(Mwe-Net) | DAY | AVERAGE DAILY POWER LEVEL<br>(Mwe-Net) |
|-----|--|-----|--|
| 1   | 0                                      | 17  | 0                                      |
| 2   | 0                                      | 18  | 0                                      |
| 3   | 0                                      | 19  | 0                                      |
| 4   | 0                                      | 20  | 0                                      |
| 5   | 0                                      | 21  | 0                                      |
| 6   | 0                                      | 22  | 0                                      |
| 7   | 0                                      | 23  | 0                                      |
| 8   | 0                                      | 24  | 0                                      |
| 9   | 0                                      | 25  | 0                                      |
| 10  | 0                                      | 26  | 0                                      |
| 11  | 0                                      | 27  | 0                                      |
| 12  | 0                                      | 28  | 0                                      |
| 13  | 0                                      | 29  | 0                                      |
| 14  | 0                                      | 30  | 0                                      |
| 15  | 0                                      |     |  |
| 16  | 0                                      |     |  |

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.



1943  
1944

UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO: 50-220

UNIT NAME: NMP#1

DATE: 5/06/97

PREPARED BY: D. E. Coleman

TELEPHONE: (315) 349-2558

REPORT MONTH - April 1997

| 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   |
|-----|--------|-------------------|------------------|---------------------|--|-------------------------|--------------------------|-----------------------------|---|
| 2   | 970303 | S                 | 719.0            | C/A                 | 2  |                         |                          |                             | The unit was shutdown for a scheduled 35-day refuel outage and has been extended for work on the core shroud. |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |
|     |        |                   |                  |                     |  |                         |                          |                             |   |

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5

F: Forced  
S: Scheduled

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

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

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

Exhibit I-Same Source



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

The station operated during the month of April 1997 with a Unit Availability Factor of 0.0% and a Net Design Electrical Capacity Factor of 0.0%. There were no challenges to the Electromatic Relief Valves. Reductions in Capacity Factor were due to a scheduled 35 day refuel outage. The outage was extended to perform inspections and modify tie rods for the core shroud. The outage is still ongoing.



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200

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