

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

July 1981

The station operated during the month of July with a monthly availability factor of 77.1% and a net design electrical rating capacity factor of 63.0%. Availability/capacity factor losses were due to the following:

The unit had been shutdown of March 7 for a scheduled refueling and maintenance outage. On July 2, reactor startup commenced, and post-outage surveillance and turbine testing was performed. The turbine/generator was put on line July 3, but was removed from service due to excessive vibration. Turbine balance work was thus performed, and subsequently was again placed on line July 4. However, due to off gas removal system problems, the unit was removed from service. During the shutdown procedure, a low level scram occurred. On July 7, reactor startup commenced, and the turbine/generator was placed on line July 8. The unit remained in service throughout the remainder of the month.

CLASS I WORK - MAINTENANCE - JULY 1981

- #14851 - CRD Accumulator #14-35
- #14849 - #15 Recirc Pump (replace seal)
- #14946 - CRD Accumulator #38-27
- #14947 - CRD Accumulator #26-27
- #15028 - Placed new diaphragm on #39-14
- #14857 - Placed new line bearing and journal bearing; also new thrust bearings
- #15041 - Replaced diaphragms in E.C. Valves 39-12 and 14
- #15111 - Replaced oil heat exchanger #11 CRD pump

CLASS I WORK - INSTRUMENTATION AND CONTROL - JULY 1981

- #16757 - #122 Main Steam Rad Monitor (adj. set point)
- #14942 - H²O₂ Monitor #11 S.O.V. Sticking (cleaned same)
- #16448 - Ch. 11 APRM Slow Unit (replaced function switch)

8204150379 810817
PDR ADOCK 05000220
R PDR

AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50-220
 UNIT Nine Mile Unit #1
 DATE 8/10/81
 COMPLETED BY T. Roman
 TELEPHONE (315)343-2110
X1383

MONTH July 1981

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
1	<u>0</u>
2	<u>0</u>
3	<u>3</u>
4	<u>10</u>
5	<u>0</u>
6	<u>0</u>
7	<u>0</u>
8	<u>99</u>
9	<u>333</u>
10	<u>364</u>
11	<u>417</u>
12	<u>443</u>
13	<u>482</u>
14	<u>519</u>
15	<u>555</u>
16	<u>557</u>

DAY	AVERAGE DAILY POWER LEVEL (MWe-Net)
17	<u>556</u>
18	<u>554</u>
19	<u>549</u>
20	<u>546</u>
21	<u>531</u>
22	<u>529</u>
23	<u>528</u>
24	<u>517</u>
25	<u>546</u>
26	<u>571</u>
27	<u>564</u>
28	<u>585</u>
29	<u>593</u>
30	<u>581</u>
31	<u>582</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

DOCKET NO. 50-220
 UNIT NAME Nine Mile #1
 DATE 8/10/81
 COMPLETED BY T.W. Roman
 TELEPHONE (315) 343-2110

REPORT MONTH July 1981

X1383

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
8106	810307	S	2841.5	C	1				Unit Shut down for Biennial Refuel and Overhaul
8107	810703	S	33.7	H	1				Unit off to balance Turbine
8108	810705	F	78.6	A	3				Unit off Rx Low Level Trip

¹
 F: Forced
 S: Scheduled

²
 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)

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