

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

AUGUST 1980

The station operated with a monthly availability factor of 100% and a net design electrical capacity factor of 89.3%. During the entire month #15 Reactor Recirculation Pump was out of service and isolated due to mechanical problems.

Availability/capacity factor losses were due to the following:

On August 22 power was reduced to approximately 75% to adjust the control rod pattern for the upcoming end-of-cycle derates. During this power reduction #11 electric driven feedwater pump was removed from service to replace its leaking mechanical seals.

Capacity factor loss throughout the month was also due to condenser hotwell temperature limitations.

CLASS I WORK - MAINTENANCE - AUGUST 1980

- #5011 - #1 Air compressor on #103 Diesel Generator - installed new high pressure head gasket - new discharge valve and check valve on new "O" ring in pilot valve
- #5072 - Replaced inboard and outboard seals on #11 Feed Water pump
- #5085 - Replaced rubber seals along bottom of Rx Bldg. extension outer door
- #5068 - Made complete overhaul of #11 instrument air compressor
- #5086 - Replaced packing, back-up rings and seals on #11 nitrogen needle valve to hydraulic control unit #18-07

CLASS I WORK - INSTRUMENT & CONTROL - AUGUST 1980

- #4942 - CRD 34-43 - replace rubber goods
- #13585 - Replace master trip units on RPS recalled by vendor
- #13581 - Inspect scram pilot valves - 18-03, 22-47, 14-47, 22-51 and 30-47

