

LICENSEE: NORTHERN STATES POWER CO.  
 SITE: MONTICELLO 1  
 DOCKET: 05000263  
 RX TYPE: BWR  
 VENDORS: GE-3  
 EMERGENCY CLASS: N/A REGION: 3 STATE: MN  
 OPS OFFICER: JOHN MacKINNON  
 10 CFR SECTION: ARPS 50.72(b)(2)(ii)  
 UNIT SCRAM RX INIT INITIAL MODE  
 CODE CRIT PWR  
 1 A/R Y 16 POWER OPERATION 0 HOT SHUTDOWN

EN NUMBER: 25291  
 EVENT DATE: 03-23-93  
 EVENT TIME: 06:18  
 NOTIFY DATE: 03-23-93  
 TIME: 08:10  
 RPS ACTUATION  
 CURR CURRENT MODE  
 PWR

REACTOR SCRAM ON HIGH REACTOR PRESSURE SIGNAL. ALL RODS FULLY INSERTED INTO THE CORE.

UNIT WAS PREPARING TO PLACE THEIR TURBINE GENERATOR ONLINE FOLLOWING A REFUELING OUTAGE. LICENSEE TEST 1043-4, TURBINE STOP & CONTROL VALVE TIGHTNESS TEST, WAS IN PROGRESS. PRESSURE CONTROL WAS ON MECHANICAL PRESSURE REGULATOR. STOP VALVES WERE CLOSED AND THEIR BYPASS VALVES WERE 140% OPEN. LICENSEE RECEIVED A HIGH PRESSURE REACTOR SCRAM SIGNAL AT 1033 psi AS INDICATED BY A PRESSURE GAGE (THE HIGH PRESSURE SCRAM SETPOINT IS 1056 psi). ALL RODS FULLY INSERTED INTO THE CORE. "H" SRV (LOW LOW SETPOINT OF 1052 psi) ACTUATED ONCE AND THEN CLOSED. TURBINE BYPASS VALVES WENT CLOSED APPROXIMATELY 3 MINUTES LATER AFTER THE HIGH PRESSURE REACTOR SCRAM SIGNAL. NO ECCS ACTUATIONS OCCURRED. ALL THEIR ECCS AND EDGs ARE FULLY OPERABLE IF NEEDED. LICENSEE IS INVESTIGATING THE CAUSE OF THE HIGH PRESSURE REACTOR SCRAM SIGNAL.

LICENSEE INFORMED REGION 3 INSPECTOR (AL WALKER) WHO IS ON SITE. RESIDENT INSPECTOR IS BACK IN REGION 3 OFFICE.

\*\*\*UPDATE 3/24/93 @ 1050 EST BY DENNIS TAKEN BY MACKINNON\*\*\*  
 LICENSEE NOTICED ON THE REACTOR SCRAM THAT CONTROL ROD 14-11 INSERTED INTO THE CORE MORE SLOWLY THAN THE OTHER CONTROL RODS. LICENSEE THINKS THAT IT TOOK ABOUT 8 SECONDS FOR THE CONTROL ROD TO FULLY INSERT INTO THE CORE (SLOWLY INSERTED INTO CORE). OTHER THREE CONTROL RODS IN SAME GROUP AS CONTROL ROD 14-11 INSERTED INTO THE CORE WITHIN THEIR SCRAM TIME LIMIT. LICENSEE FOUND THAT CONTROL ROD 14-11 HAD A BAD SOLENOID PILOT VALVE. LICENSEE WILL REPLACE/REPAIR THE SOLENOID PILOT VALVE. R3DO (JORDAN) NOTIFIED.