



Consumers
Power
Company

December 28, 1982

James G Kepler, Administrator
Region III
US Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

DOCKET 50-255 - LICENSE DPR-20 -
PALISADES PLANT - LICENSEE EVENT REPORT 82-48 (TWO TM/LP CHANNELS INOPERABLE
WITHOUT A TRIP SIGNAL)

Attached please find Licensee Event Report 82-48 (Two TM/LP Channels
Inoperable Without A Trip Signal) which is reportable to the NRC per Technical
Specification 6.9.2.b(3).

Brian D Johnson
Staff Licensing Engineer

CC Director, Office of Nuclear Reactor Regulation
Director, Office of Inspection and Enforcement
NRC Resident Inspector - Palisades

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Attachment to LER 82-48
Consumers Power Company
Palisades Plant
Docket 50-255

Table 3.17.1 of Technical Specifications requires a minimum of two operable Thermal Margin/Low Pressurizer Pressure (TM/LP) channels. In this minimum condition, one of the inoperable channels must be in the tripped condition. Prior to the event, TM/LP channel D was bypassed due to a failure in a Resistance Temperature Detector (RTD). On December 1, 1982, TM/LP channel A was placed in the tripped condition and declared inoperable to troubleshoot an erroneous reading. Following repairs and testing, the Shift Supervisor determined that TM/LP channel A was functional and had the trip signal removed. When this occurred, TM/LP channel A was capable of performing its safety function. Because channel A was still considered as being inoperable due to incomplete processing of required paperwork, it should instead have remained in the tripped condition. Consequently, two TM/LP channels were administratively inoperable without one of them being in the tripped condition until the error was discovered by the Shift Technical Advisor during review of the operations log. Because the TM/LP channel A was fully functional, the redundancy provided in the Reactor Protection System was never degraded. This event is being reported in accordance with Technical Specification 6.9.2.b(3) because it threatened to reduce the degree of redundancy provided by the Reactor Protection System.

When the error was discovered, the required paperwork was promptly completed and TM/LP channel A was declared operable. The event will be reviewed with all Shift Supervisors, Shift Technical Advisors and I & C Supervisors to emphasize the need to complete all administrative requirements prior to declaring equipment operable.