

NSP

NORTHERN STATES POWER COMPANY

PRAIRIE ISLAND NUCLEAR GENERATING PLANT

RR #2

Welch, MN 55089

May 14, 1982

50-306

Mr. James G. Keppler, Director
Region III Office of Inspection & Enforcement
U.S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

Attention: J. F. Streeter

Reportable Occurrence No. P-RO-82-7

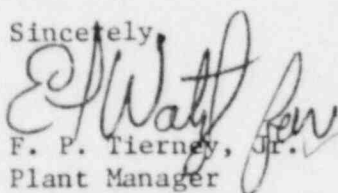
On May 1, 1982, during conduct of the biweekly Control Rod Exercise Test, a component in the Unit 2 rod control system failed, resulting in loss of drive motion for some control rods. Analysis determined that the problem was in the control rod drive mechanism power supply system and that all control rods were capable of being tripped.

On May 2nd the unit was brought to hot shutdown to repair the rod control system. A Notification of Unusual Event was declared at 1220 on May 2nd; it was lifted at 1451.

The problem was determined to be a failed bridge thyristor in power cabinet 1BD. This resulted in insufficient power to actuate the movable grippers for control rods in Control Bank B, Control Bank D and Shutdown Bank B.

Since it was determined that no control rods were inoperable, it has been concluded that this event is not reportable.

Sincerely,


F. P. Tierney, Jr.
Plant Manager
Prairie Island Nuclear Plant

FPT/jm

cc: L. O. Mayer
Director, MIPC (2)
%Distribution Services Branch, DDC, ADM
C. D. Feierabend

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