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NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

November 24, 1980

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NORTH STATES POWER
CUSTOMER SERVICE
FACILITY

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

Dear Mr. Keppler:

PRAIRIE ISLAND NUCLEAR GENERATING PLANT
Docket Nos. 50-282 and 50-306

In response to IE Bulletin No. 80-23 the following is offered:

There are eight Valcor solenoid valves with part number V70900-21-3 performing safety-related functions at this facility. They are installed in each unit's containment/auxiliary building chilled water-cooling system. Upon initiation of an SI signal these valves are de-energized and vent air from other valves' air operators in the system. The other valves fail to their safeguards position upon the loss of air, allowing cooling water to be directed to the fan-coil units instead of chilled water.

De-energizing of the solenoid valves causes trip of nonsafeguards equipment and control room annunciation. The solenoid valves are on fused circuits. Failure of the solenoid valves will cause them to go to their safeguards position. For these reasons we conclude that the solenoid valves do not pose an unreviewed safety question. Nor do they reduce the margin of safety. Since these valves do not present a safety or plant reliability concern, and since they are in containment, increased surveillance (testing) is not warranted. The valves will be replaced at the first outage that occurs after replacement valves are on hand.

About 16 manhours were expended in review of the Bulletin and preparation of this report. About 24 manhours will be needed to replace the valves.

Yours truly,

D. E. Gilberts
D. E. Gilberts
Senior Vice President
Power Supply

cc: Mr. G. Charnoff
Mr. C. D. Feierabend, NRC Resident Inspector
Director, Division of Reactor Operations Inspection
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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