

DMB



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

June 8, 1983

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

Dear Mr. Keppler:

MONTICELLO NUCLEAR GENERATING PLANT
Docket No. 50-263 License No. DPR-22

The following is submitted in response to IE Bulletin 83-03.

A review was completed of the plant Pump and Valve In-Service Test (IST) program required by Section XI of the ASME Boiler and Pressure Vessel Code. It was verified that the ten (10) valves governed by IEF 83-03 are included in the present Section XI program for Monticello. (Reference letter dated August 12, 1982 from D. M. Musolf to Director, Office of Nuclear Reactor Regulation, titled Supplemental Information Concerning Inservice Testing Program.) Following is a list of the ten (10) valves and a summary of their IST program requirements.

SW-101, 102, 103, 104 are two series pairs of check valves which prevent backflow from the emergency service water supply for the ECCS pumps and room coolers to the service water header (see Attachment 1, Emergency Service Water System). Present piping configuration does not permit verifying the closure of each valve. A modification will be completed by the end of the next refueling outage (1984) which will allow verification that each valve pair will shut to provide the necessary system barrier function. This will satisfy the reverse flow testing requirement of IEB 83-03. There is no need for full stroke testing of these valves since their normal position is full open. Following completion of the modification reverse flow testing will be performed during each refuel outage. There are no known previous failures of these valves.

SW 15, 16, 17, 18 are two series pairs of check valves which prevent backflow from the emergency service water supply for the diesel generators into the service water header. Modifications will be completed by the end of the next refueling outage (1984) to allow verification of valve closure. Closure or

8306170134 830608
PDR ADOCK 05000263
Q PDR

IE 11 1/0
JUN 10 1983

NORTHERN STATES POWER COMPANY

J G Keppler,
Dir of Region III
June 8, 1983
Page 2

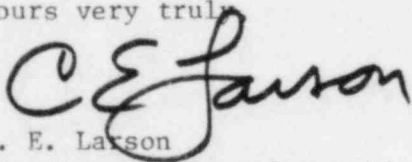
reverse flow testing will be performed during each refuel outage. These check valves will be full stroke exercised quarterly. There are no known previous failures of these valves.

ESW 1-1, 1-2 are pump discharge check valves and are exercised quarterly under the Section XI program. The valves were partially disassembled to manually full stroke exercise their discs during the 1982 refueling outage. The mechanical operability was found to be satisfactory and visual inspection showed each valve to be in good physical condition. To satisfy IEB 83-03 requirements the valves will be disassembly-exercised every five (5) years. If deficiencies are noted, they will be corrected and the above inspection process repeated each refueling outage until a satisfactory inspection is completed, upon which the disassembly-exercising will revert back to a five (5) year interval. There are no known previous failures of these valves.

ESW 4-1, 4-2 are not governed by IEB 83-03. During non-emergency conditions the valves are in the closed position. If during an emergency condition the valves failed to open, the diesel generator would receive more emergency service water than if the valves functioned properly. However, the valves are included in Monticello's Section XI program.

Following revisions to surveillance test procedures and installation of the described modifications during the next refueling outage (1984), all valves governed by IEB 83-03 will be tested in accordance with that bulletin.

Yours very truly,



C. E. Larson
Director, Nuclear Generation

CEL/kik

cc G. Charnoff
C. Brown