

Central file 44

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8005140253

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

April 21, 1980

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Mr. James 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 information is submitted in response to IE Bulletin No. 80-02.

Reactor feedwater spargers and thermal sleeves for the Monticello Nuclear Generating Plant were purchased from Marvin Engineering by the General Electric Company in July, 1977. This equipment was installed during October and November, 1977. The function of the thermal sleeve during normal conditions is to minimize feedwater nozzle thermal stress. The function of the sparger during normal conditions is to distribute and mix feedwater to provide uniform subcooling of fluid in the downcomer region. This prevents jet pump cavitation and assures a symmetric core power distribution. Neither the thermal sleeve nor the sparger has an accident condition design function. Marvin Engineering QA Program Manual #3, Revision 0, and the GE QA Program described in NEDO-11209-3A were in effect during the time the spargers and thermal sleeves were fabricated. General Electric provided Product Quality Certifications for these components. The spargers and thermal sleeves were inspected upon receipt at Monticello. Visible portions of these components were examined by remote visual means during the February 1980 refueling outage. No indications were noted during the inspection. These actions provide sufficient bases for judging that the integrity of the equipment is sufficient to permit plant operation during normal and accident conditions.

If additional information is required, please communicate directly with plant management.

Yours truly,

D E Gilbert
D. E. Gilberts
Vice President
Power Production

cc: Mr. G. Charnoff
NRC Office of Inspection and Enforcement
Division of Reactor Operations Inspection
Washington, D. C. 20555

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