

**NSP**

Regulatory

File Cy.

**NORTHERN STATES POWER COMPANY**

Minneapolis, Minnesota 55401

March 15, 1972

Dr. Peter A. Morris  
Division of Reactor Licensing  
United States Atomic Energy Commission  
Washington, D C 20545

Dear Dr. Morris:

**MONTICELLO NUCLEAR GENERATING PLANT**

Docket No. 50-263 License No. DPR-22  
Malfunction of RCIC High Steam Flow Isolation Switch

A condition has occurred recently at the Monticello Nuclear Generating Plant which we interpret to be reportable in accordance with Section 6.6.C.1 of the Technical Specifications. The Region III Compliance office has been notified of this event.

Summary of Occurrence

On March 1, 1972, while performing a regularly scheduled surveillance test, the trip setting of one of the two RCIC High Steam Flow Isolation switches was found to be ~48,600 #/Hr, 3,600 #/Hr above the required trip setting of 45,000 #/Hr.

The instrument was visually inspected and the cause of the failure was found to be excessive free movement (~1/16") of a link connection that allowed interference in the meter movement when above 95% of scale.

The corrective action taken on the date of the occurrence consisted of reducing the free movement of the link assembly to an acceptable value, and removing excess metal from the movement connection. The instrument was recalibrated and functionally tested. All similar safety system instruments which have potential for such a malfunction will be inspected for excessive free movement of the linkage.

A Significant Operating Event report has been written for this occurrence and will be made available to the Region III Compliance Inspector for review during his next visit.

Yours very truly,

*L. O. Mayer*

L. O. Mayer  
Director of Nuclear Support Services

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