

FROM: Northern States Power Company  
 Minneapolis, Minnesota 55401  
 R. O. Duncanson, Jr.

DATE OF DOCUMENT: <b>9-9-71</b>	DATE RECEIVED: <b>9-13-71</b>	NO.: <b>4-119</b>
LTR: <b>x</b>	MEMO:	REPORT:
OTHER:		

TO: **Dr. Peter A. Morris**

ORIG.:	CC:	OTHER:
<b>1 signed &amp; 2 conf'd</b>		
ACTION NECESSARY <input type="checkbox"/>	CONCURRENCE <input type="checkbox"/>	DATE ANSWERED:
NO ACTION NECESSARY <input type="checkbox"/>	COMMENT <input type="checkbox"/>	BY:

CLASSIF: **U** POST OFFICE REG. NO:

FILE CODE: **50-263**

DESCRIPTION: (Must Be Unclassified)  
**Ltr reporting two conditions at Monticello Plant: 8-9-71 - Failure of a Group 3 Isolation Valve to Close & 8-26-71 - Fast Closure of Main Steam Isolation**

REFERRED TO	DATE	RECEIVED BY	DATE
<b>Knuth w/9 cys for ACTION</b>	<b>9-14-71</b>		
<b>DISTRIBUTION:</b>			

ENCLOSURES: **Valve 2-86C...**

Reg File			
AEC PDR			
OGC Rm P-506-A			
Compliance (2)			
H. Price & Staff			
D. Thompson			
Morris/Schroeder			
Skovholt		<b>Do Not Remove</b>	

REMARKS:

Boyd		<b>ACKNOWLEDGED</b>	
E. G. Case			
DTIE (Laughlin)			
NSIC (Buchanan)			<b>19</b>
			<b>rht</b>

# NSP

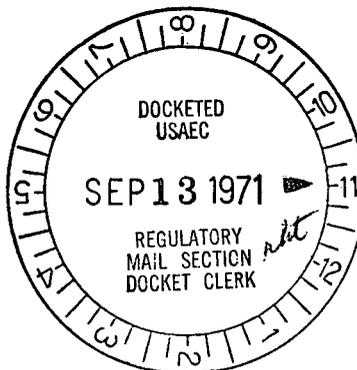
NORTHERN STATES POWER COMPANY

Minneapolis, Minnesota 55401

Regulatory

File Cy.

September 9, 1971



Dr. Peter A. Morris, Director  
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  
Reporting of Occurrence

Two conditions have occurred recently at the Monticello Nuclear Generating Plant which we interpret to be reportable to your office in accordance with Section 6.6.C of Appendix A, Technical Specifications, of the Provisional Operating License DPR-22.

1. Failure of a Group 3 Isolation Valve to Close

On August 9, 1971, a reactor water cleanup demineralizer outboard isolation valve MO 2398 failed to close when a reactor low water level signal (Group 3 isolation signal) existed. The inboard isolation valve MO 2397 and the other outboard isolation valve MO 2399 isolated the reactor water cleanup system as required.

The cause of the problem was determined to be an improperly secured wire in the control circuit for the valve motor. The wire was not making proper contact at a terminal block because of wire insulation interference between the wire and the terminal block binding screw. The problem was corrected on August 9th and the valve control circuit functioned properly during subsequent testing.

2. Fast Closure of Main Steam Isolation Valve 2-86C

On August 26, 1971, while performing routine surveillance testing, the closure time of a Main Steam Isolation Valve (MSIV 2-86C) was measured to

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be 2.0 seconds. The Technical Specifications require the closure times of the MSIVs to be greater than or equal to 3 seconds but less than or equal to 5 seconds. The reason for the decrease in the valve closure time, which had been measured to be 3.4 seconds on May 20, 1971, is not known.

The closure time for MSIV 2-86C was adjusted using the flow control valve on the MSIV oil dashpot. The valve was tested several times after the adjustment was made and a closure time of 3.7 seconds was measured, consistently.

Unusual Occurrence reports have been written for both conditions. The information will be available to the Region III Compliance Inspector for review during his next site inspection.

Yours very truly,

*R.O. Duncanson /CEL*

R.O. Duncanson, Jr., P.E.  
Gen. Supt. of Power Plants-Mechanical  
Chairman - Monticello Safety Audit Committee

ROD/CEL/caf