

# LICENSEE EVENT REPORT

CONTROL BLOCK:

[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME:   M |   N |   M |   N |   P |   1 |  
7 8 9 14 15 25 26 30 31 32

LICENSE NUMBER:   0 |   0 | - |   0 |   0 |   0 |   0 | - |   0 |   0 |  
25 26 30 31 32

LICENSE TYPE:   4 |   1 |   1 |   1 |   1 |  
26 30 31 32

EVENT TYPE:   0 |   3 |  
31 32

CONT:   0 |   1 |  
7 8

CATEGORY:   57 |   58 |  
57 58

REPORT TYPE:   L |  
59

REPORT SOURCE:   L |  
60

DOCKET NUMBER:   0 |   5 |   0 | - |   0 |   2 |   6 |   3 |  
61 68 69 74 75 80

EVENT DATE:   0 |   9 |   0 |   9 |   7 |   7 |  
69 74 75 80

REPORT DATE:   1 |   0 |   0 |   7 |   7 |   7 |  
75 80

## EVENT DESCRIPTION

2 | During operation of system RHR torus cooling valve MO 2009 failed to operate  
7 8 9 80

3 | properly. Investigation revealed stem clamp set screws had sheared allowing stem  
7 8 9 80

4 | to rotate. Upstream isolation valve MO 2007 was operable at time of occurrence.  
7 8 9 80

5 | Three previous similar occurrences (AO 74-02, AO 75-13 and RO 76-17). Stem  
7 8 9 80

6 | clamp with keyway being installed to eliminate set screw problems. (M-RO-77-23)  
7 8 9 80

SYSTEM CODE:   S |   D |  
7 8 9 10

CAUSE CODE:   B |  
11

COMPONENT CODE:   V |   A |   L |   V |   E |   X |  
12 17

PRIME COMPONENT SUPPLIER:   A |  
43

COMPONENT MANUFACTURER:   A |   3 |   9 |   5 |  
44 47

VIOLATION:   N |  
48

## CAUSE DESCRIPTION

8 | Stress analysis indicates stem clamp set screws not adequate for unseating torque.  
7 8 9 80

9 | Anchor, 10 inch, 300 pound globe valve. Stem clamp with keyway being installed  
7 8 9 80

10 | to eliminate set screw problem.  
7 8 9 80

FACILITY STATUS:   D |  
9

% POWER:   0 |   8 |   5 |  
10 12 13

OTHER STATUS:   NA |  
44

METHOD OF DISCOVERY:   A |  
45

DISCOVERY DESCRIPTION:   NA |  
46 80

FORM OF ACTIVITY RELEASED:   Z |  
9

CONTENT OF RELEASE:   Z |  
10

AMOUNT OF ACTIVITY:   NA |  
11 44

LOCATION OF RELEASE:   NA |  
45 80

## PERSONNEL EXPOSURES

NUMBER:   0 |   0 |   0 |  
7 8 9 11

TYPE:   Z |  
12

DESCRIPTION:   NA |  
13 80

## PERSONNEL INJURIES

NUMBER:   0 |   0 |   0 |  
7 8 9 11 12

DESCRIPTION:   NA |  
12 80

## OFFSITE CONSEQUENCES

15 |   NA |  
7 8 9 80

## LOSS OR DAMAGE TO FACILITY

TYPE:   Z |  
7 8 9 10

DESCRIPTION:   NA |  
10 80

## PUBLICITY

17 |   NA |  
7 8 9 80

## ADDITIONAL FACTORS

18 |   NA |  
7 8 9 80

19 | 9102130530 771007  
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32  
CF ADDCK 05000263  
CF

NAME: Dean D Tilly

PHONE: 612/295-5151

**NSP**

REGULATORY DOCKET FILE COPY

**NORTHERN STATES POWER COMPANY**

MINNEAPOLIS, MINNESOTA 55401

October 7, 1977

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

OCT 20 1977  
U.S. NUCLEAR REGULATORY COMMISSION  
Mail Section

Dear Mr Keppler:

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

Failure of RHR Test Line Isolation Valve MO 2009

The Licensee Event Report for this occurrence is reproduced on the back of this letter. Enclosed are 3 copies.

Yours very truly,

*LO Mayer for*

L O Mayer, PE  
Manager of Nuclear Support Services

LOM/MHV/ak

cc: Director, IE, USNRC (30)  
Director, MIPC, USNRC (3)  
G Charnoff  
MPCA - Attn: J W Ferman

OCT 11 1977

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