

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

February 16, 1978

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

Dear Mr Keppler:

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

Torus to Drywell Vacuum Breaker Failure to Close

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

Yours very truly,

David Musolf
L O Mayer, PE
Manager of Nuclear Support Services

LOM/DMM/deh

cc: Director IE, USNRC c/o DSB (40)
Director MIPC, USNRC (3)
MPCA
Attn: J W Ferman

9105230310 780216
PDR ADDOCK 05000263
S PDR

780530267

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HEAD TO
HEAD

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 M I N I M I N P 1 3 7 0 0 - 0 0 0 0 0 0 0 0 0 0 0 4 1 1 1 1 1 1 9 _____ 9
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29
LICENSEE CODE LICENSE NUMBER LICENSE TYPE 31 32 33 34 35

0 1 R E P O R T S O U R C E 1 1 6 0 5 1 0 0 0 0 2 6 1 3 7 0 1 2 1 0 1 2 1 7 1 8 9 0 1 2 1 3 1 6 1 7 1 8 9
36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60
REPORT SOURCE DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 1 7 DURING SURVEILLANCE TEST, TORUS TO DRYWELL VACUUM BREAKER AQ-2382B FAILED TO RECLOSE
 0 1 8 FOLLOWING EXERCISE AND WAS THEREFORE NOT OPERABLE AS REQUIRED BY T.S. 3.7.A.4. RE-
 0 1 9 MAINTAINING NINE VACUUM BREAKERS WERE OPERABLE, REACTOR PLACED IN COLD SHUTDOWN WITHIN
 0 2 0 24 HOURS AS REQUIRED BY T.S. 3.7.A.6. NO EFFECT ON THE PUBLIC HEALTH AND SAFETY. ONE
 0 2 1 PREVIOUS SIMILAR EVENT, ABNORMAL OCCURRENCE NUMBER 22, EVENT DATE 12-15-72. OPEN
 0 2 2 VACUUM BREAKER WOULD AFFECT PRESSURE SUPPRESSION CAPABILITY OF CONTAINMENT.

0 9 S I A 11 B 12 A 13 V A L V E 14 C 15 C 16
9 10 11 12 13 14 15 16 17 18 19 20 21 22
SYSTEM CODE CAUSE CODE CAUSE SUBCODE COMPONENT CODE COMP SUBCODE VALVE SUBCODE

17 7 8 0 0 2 0 1 1 T 0
21 22 23 24 25 26 27 28 29 30 31 32
VER NO REPORT NUMBER EVENT YEAR SEQUENTIAL REPORT NO OCCURRENCE CODE REPORT TYPE REVISION NO

B 18 E 19 A 20 A 21 0 0 3 1 N 23 Y 24 A 25 A 5 8 5 26
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
ACTION TAKEN FUTURE ACTION EFFECT ON PLANT SHUTDOWN METHOD HOURS ATTACHMENT SUBMITTED NFRD-4 FORM SUB PRIME COMP SUPPLIER COMPONENT MANUFACTURER

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 1 8 INCH, 150 PSI SWING CHECK VACUUM BREAKER, MODEL 20743H, FAILED DUE TO EXCESS FRICT-
 1 0 2 ION BETWEEN SHAFT AND BUSHINGS. FRICTION DUE TO GROWTH OF TEFION BUSHINGS. BUSHINGS
 1 0 3 ON THIS VALVE AND ONE OTHER MACHINED TO REDUCE FRICTION. REPLACEMENT OF BUSHINGS
 1 0 4 WITH THOSE OF MORE SUITABLE MATERIAL INTENDED. TORQUE MEASUREMENTS TAKEN OF ALL
 1 0 5 VACUUM BREAKERS FOLLOWING WORK REVEALED SATISFACTORY OPERATION.

1 5 E 28 1 0 0 0 29 NA 30 B 31 OPERATOR OBSERVATION DURING TEST
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
FACILITY STATUS % POWER OTHER STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION

1 6 Z 33 Z 34 NA 35 NA 36
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
ACTIVITY RELEASED OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE

1 7 0 0 0 17 Z 35 NA 36
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
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION

1 8 0 0 0 41 NA 42
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
PERSONNEL INJURIES NUMBER DESCRIPTION

1 9 Z 43 NA 44
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
LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION

2 0 N 44 NA 45
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
% PUBLICITY ISSUED DESCRIPTION

NAME OF PREPARER RICHARD C. GORANSON PHONE (612) 295-5151

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