

1307/12/8

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-263

REC: KEPPLER J G  
NRC

ORG: MAYER L O  
N STATES PWR

DOCDATE: 07/05/78  
DATE RCVD: 07/10/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-263/78-010) ON 06/05/78 CONCERNING  
WHILE PERFORMING SCRAM TEST 0081 DURING PLANT STARTUP, INSERTION OF CRD 06-19  
DELAYED FOR INDEFINITE PERIOD OF TIME... CONTROL ROOM OPERATOR INSERTED SCRAM  
AFTER 5 SECONDS.

PLANT NAME: MONTICELLO

REVIEWER INITIAL: XJM  
DISTRIBUTOR INITIAL: N

\*\*\*\*\* DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS \*\*\*\*\*

INCIDENT REPORTS  
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#3 BC\*\*W/4 ENCL

INTERNAL: REG FILE\*\*W/ENCL  
I & E\*\*W/2 ENCL  
I & C SYSTEMS BR\*\*W/ENCL  
NOVAK/CHECK\*\*W/ENCL  
AD FOR ENG\*\*W/ENCL  
HANAUER\*\*W/ENCL  
AD FOR SYS & PROJ\*\*W/ENCL  
ENGINEERING BR\*\*W/ENCL  
KREGER/J. COLLINS\*\*W/ENCL  
K SEYFRIT/IE\*\*W/ENCL

NRC PDR\*\*W/ENCL  
MIPC\*\*W/3 ENCL  
EMERGENCY PLAN BR\*\*W/ENCL  
EEB\*\*W/ENCL  
PLANT SYSTEMS BR\*\*W/ENCL  
AD FOR PLANT SYSTEMS\*\*W/ENCL  
REACTOR SAFETY BR\*\*W/ENCL  
VOLLMER/BUNCH\*\*W/ENCL  
POWER SYS BR\*\*W/ENCL

EXTERNAL: LPDR'S  
MINNEAPOLIS, MN\*\*W/ENCL  
TERA\*\*W/ENCL  
NSIC\*\*W/ENCL  
ACRS CAT B\*\*W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45  
SIZE: 1P+1P

CONTROL NBR: 781930041

\*\*\*\*\* THE END \*\*\*\*\*

A0/4

# NSR REGULATORY DOCKET FILE COPY

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

July 5, 1978

Mr J G Keppler  
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

Defective CRD Scram Pilot Solenoid

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

This event is reported in compliance with Technical Specification 6.7.B.2.b.

Yours very truly,

*M R Oath*

L O Mayer, PE  
Manager of Nuclear Support Services

LOM/MHV/deh

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

-over-

781930041

A002  
5/16  
Hays

LICENSEE EVENT REPORT

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

0 1 M N M N P 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4 5  
7 8 9 LICENSEE CODE 14 15 LICENSE NUMBER 25 26 LICENSE TYPE 30 57 CAT 58

CON'T  
0 1 REPORT SOURCE L 6 0 5 0 - 0 2 6 3 7 0 6 0 5 7 8 8 0 7 0 5 7 8 9  
7 8 9 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 WHILE PERFORMING SCRAM TEST 0081 DURING PLANT STARTUP SCRAM INSERTION OF CRD 06-19  
0 3 DELAYED FOR INDEFINITE PERIOD OF TIME. WHEN ROD DID NOT SCRAM AFTER 5 SECONDS CONTROL  
0 4 ROOM OPERATOR FULLY INSERTED IT. ROD WOULD HAVE SCRAMMED DURING ACTUAL PLANT SCRAM  
0 5 DUE TO BACKUP SCRAM PILOT VALVES. EVENT REPORTABLE PER T.S. 6.7.B.2.b. EVENT HAD NO  
0 6 EFFECT ON PUBLIC HEALTH AND SAFETY. ALL OTHER RODS OPERABLE. NO SIMILAR PREVIOUS  
0 7 OCCURRENCE.

0 8 9

0 9 SYSTEM CODE R B 11 CAUSE CODE E 12 CAUSE SUBCODE X 13 COMPONENT CODE V A L V O P 14 COMP. SUBCODE E 15 VALVE SUBCODE Z 16  
7 8 9 10 11 12 13 14 15 16 17 18 19 20  
17 LER/RO REPORT NUMBER 7 8 21 22 23 24 25 26 27 28 29 30 31 32  
ACTION TAKEN A 18 FUTURE ACTION A 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 22 ATTACHMENT SUBMITTED N 23 NPRD-4 FORM SUB. Y 24 PRIME COMP. SUPPLIER N 25 COMPONENT MANUFACTURER A 6 1 0 26  
33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 BUNA-N DISC IN SCRAM PILOT VALVE SOLENOID PLUNGER BROKE INTO SEVERAL PIECES WEDGING AND  
1 1 PREVENTING VALVE FROM VENTING AIR ON SCRAM VALVES. DISC WAS BRITTLE. VALVE MANU-  
1 2 FACTURER INVESTIGATING CAUSE OF FAILURE. PLUNGER ON REDUNDANT SOLENOID INSPECTED AND  
1 3 FOUND SATISFACTORY. PLUNGER INCLUDING DISC REPLACED. VALVE TESTED AND ROD SCRAMMED  
1 4 SATISFACTORY. PROGRAM INITIATED TO REPLACE PLUNGERS IN ALL SCRAM PILOT VALVES.

7 8 9 80

1 5 FACILITY STATUS C 28 % POWER 0 1 0 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION OPERATOR OBSERVATION 32  
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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 6 ACTIVITY CONTENT Z 33 RELEASED OF RELEASE Z 34 AMOUNT OF ACTIVITY NA 35 LOCATION OF RELEASE 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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39  
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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41  
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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43  
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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

2 0 PUBLICITY ISSUED N 44 DESCRIPTION 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 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

NAME OF PREPARER STEPHEN J. SHURTS

PHONE: 612/295-5151

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

CON'T

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7 8

REPORT SOURCE

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60 61 DOCKET NUMBER 68 69 EVENT DATE 74 75 REPORT DATE 80

NRC USE ONLY