

NSP 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,



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-

781710041

9105150381 780705
PDR ADOCK 05000263
S PDR

A002
5/10
10/20

LICENSEE EVENT REPORT

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

0 1 | M | N | A | N | D | 1 | 2 | 0 | 1 | 0 | - | 1 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | - | 1 | 0 | 1 | 0 | 3 | 4 | 1 | 1 | 1 | 1 | 4 | 5
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

CON'T
0 1 | R | P | L | 6 | 0 | 5 | 0 | - | 0 | 2 | 6 | 3 | 7 | 0 | 6 | 0 | 5 | 7 | 8 | 8 | 0 | 7 | 6 | 5 | 7 | 8 | 9
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

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 "TWO" 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 | _____

0 9 | SYSTEM CODE: R B (11) CAUSE CODE: E (12) CAUSE SUBCODE: X (13) COMPONENT CODE: V A I L V I O P (14) COMP SUBCODE: E (15) VALVE SUBCODE: Z (16)

17 | 1 8 | 7 | 8 | 0 | 1 | 1 | 0 | 0 | 3 | L | 6
21 22 23 24 25 26 27 28 29 30 31 32

ACTION TAKEN: A (18) A (19) EFFECT ON PLANT: Z (20) SHUTDOWN METHOD: Z (21) HOURS: 0 0 0 0 (22) ATTACHMENT SUBMITTED: N (23) NRC-4 FORM SUB: Y (24) PRIME COMP SUPPLIER: N (25) COMPONENT MANUFACTURER: A 6 1 0 (26)

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.

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)

1 6 | ACTIVITY CONTENT: Z (33) Z (34) AMOUNT OF ACTIVITY: NA (35) LOCATION OF RELEASE: NA (36)

1 7 | PERSONNEL EXPOSURES: 0 0 0 (37) Z (38) NA (39)

1 8 | PERSONNEL INJURIES: 0 0 0 (40) NA (41)

1 9 | LOSS OF OR DAMAGE TO FACILITY: Z (42) NA (43)

2 0 | PUBLICITY ISSUED: N (44) NA (45)

NRC USE ONLY

68 69 70 71 72 73 74 75 76 77 78 79 80

307/121 6

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-263

REC: KEPPLER J G
NRC

ORG: MAYER L O
N STATES PWR

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

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RD 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: PL

***** 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 *****

AOK