

NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

May 23, 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

Standby Gas Treatment Relay Failure
Due to Overheating

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,

David M. Meyer
L O Meyer, PE
Manager of Nuclear Support Services

LOM/DMX/deh

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

781510055

-over-

9105160436 780503
PDR ADDOCK 05000263
S PDR

A002
S
1/1/78

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (1) (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 0 (3) 4 1 1 1 1 (4) _____ (5)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

CON'T (0 1) REPORT SOURCE (L 6) 0 5 0 0 0 2 6 3 (7) 0 4 2 3 7 8 (8) 0 5 2 3 7 8 (9)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

(0 2) During normal operation, a normally energized relay associated with #12 SBGTS over-
(0 3) heated resulting in the inoperability of #12 train which was required by Technical
(0 4) Specification 3.7B. No previous reportable occurrence. Two adjacent relays and
(0 5) wiring affected by overheating. #11 SBGTS remained operable. No effect on health
(0 6) and safety of public.
(0 7) _____
(0 8) _____

(0 9) SYSTEM CODE (S 3) C 10 (11) CAUSE CODE (E 11) CAUSE SUBCODE (A 12) COMPONENT CODE (R 13) E 14 L 15 A 16 Y 17 X 18 (14) COMP SUBCODE (A 19) VALVE SUBCODE (Z 20) (16)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(17) LER NO REPORT NUMBER (7 21) 8 22 (18) YEAR (7 21) 8 22 (19) SEQ.ENTIAL REPORT NO (0 23) 0 24 0 25 5 26 (20) OCCURRENCE CODE (0 27) 3 28 (21) REPORT TYPE (L 29) (30) REVISION NO (0 31) (32)

ACTION TAKEN (C 33) FUTURE ACTION (Z 34) EFFECT ON PLANT (Z 35) SHUTDOWN METHOD (Z 36) HOURS (0 37) 0 38 0 39 0 40 ATTACHMENT SUBMITTED (N 41) NRC-4 FORM/SUB (Y 42) PRIME COMP. SUPPLIER (A 43) COMPONENT MANUFACTURER (G 44) O 45 8 46 0 47 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

(1 0) Cause of overheating unknown. Operability of #11 SBGTS train demonstrated. GP
(1 1) industrial relay CR 120 AO 2002 AA. Relay, adjacent relays and wiring damaged by
(1 2) overheating were replaced in kind. Proper operation was demonstrated.
(1 3) _____
(1 4) _____

(1 5) FACILITY STATUS (E 28) % POWER (1 9) 0 10 0 11 (29) OTHER STATUS (NA 12) METHOD OF DISCOVERY (A 31) NA 32 DISCOVERY DESCRIPTION (37)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(1 6) ACTIVITY CONTENT (Z 33) 2 34 (35) AMOUNT OF ACTIVITY (NA 35) LOCATION OF RELEASE (NA 36) (36)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(1 7) PERSONNEL EXPOSURE NUMBER (0 10) 0 11 C 12 (17) TYPE (Z 18) DESCRIPTION (NA 19) (39)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(1 8) PERSONNEL INJURIES NUMBER (0 10) 0 11 0 12 0 13 (40) DESCRIPTION (NA 14) (41)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(1 9) LOSS OF OR DAMAGE TO FACILITY TYPE (Z 47) NA 48 DESCRIPTION (NA 49) (42)
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

(2 0) PUBLICITY ISSUED (Z 44) NA 45 DESCRIPTION (NA 46) (45) NRC USE ONLY
1 2 3 4 5 6 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 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100