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AUTH.NAME AUTHOR AFFILIATION
SMITH,G.R. Northern States Power Co.
RECIP.NAME RECIPIENT AFFILIATION
Region 3, Chicago, Office of the Director

SUBJECT: LER 78-016/03X-1 on 780908:during normal operation,trip of essential MCC B33A supply breaker 52-304 resulted in operation in degraded mode.Caused by low setpoint on trip device & by loss of dash pot oil in trip device.

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NSP

NORTHERN STATES POWER COMPANY

MINNEAPOLIS, MINNESOTA 55401

January 29, 1979

Mr J G Keppler, Director
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

UPDATE REPORT

Trip of Essential Motor Control Center 133 A
Supply Breaker 52-304

The Licensee Event Report for this occurrence is reproduced on the back of this letter and continued on an attached sheet. Attached are three copies.

This event was reported on October 6, 1978 in accordance with Technical Specification 6.7.B.2.b. The cause related and corrective action items on the form have been updated to reflect results of further investigation of the event.

Yours very truly,

for

L O Mayer, PE
Manager of Nuclear Support Services

LOM/JAG/deh

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

A002
S 1/1

-over-

5

NRC FORM 366 (7 77)

U. S. NUCLEAR REGULATORY COMMISSION

UPDATE LICENSEE EVENT REPORT - PREVIOUS REPORT DATE 10-6-78

CONTROL BLOCK: (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

01 LICENSEE CODE: M N M N P 1 (2) LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE TYPE: 4 1 1 1 1 (4) CAT (5)

CON'T 01 REPORT SOURCE: L (6) DOCKET NUMBER: 0 5 0 0 0 2 6 3 (7) EVENT DATE: 0 9 0 8 7 8 (8) REPORT DATE: 0 1 2 9 7 9 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

02 DURING NORMAL OPERATION A TRIP OF ESSENTIAL MCC B33A SUPPLY BREAKER 52-304 RESULTED
03 IN OPERATION IN A DEGRADED MODE PERMITTED BY VARIOUS LIMITING CONDITIONS FOR
04 OPERATION. SYSTEMS DEGRADED WERE CORE SPRAY (T.S. 3.5.A.2), TWO ISOLATION VALVES
05 (T.S. 3.7.D.3), SBLC (T.S. 3.4.B.1), SBGTS (T.S. 3.7.B.1a) AND ONE EMERGENCY SERVICE
06 WATER PUMP. NO SIGNIFICANT OCCURRENCE TOOK PLACE AS A RESULT OF THE EVENT. NO
07 EFFECT ON PUBLIC HEALTH OR SAFETY. REDUNDANT PORTIONS OF ALL SYSTEMS MENTIONED
08 WERE AVAILABLE AND OPERABLE. ONE PREVIOUS EVENT REPORT (78-009).

09 SYSTEM CODE: E B (11) CAUSE CODE: A (12) CAUSE SUBCODE: X (13) COMPONENT CODE: C K T B R K (14) COMP. SUBCODE: A (15) VALVE SUBCODE: Z (16)

(17) LER/RO REPORT NUMBER: EVENT YEAR: 7 8 — SEQUENTIAL REPORT NO.: 0 1 6 / OCCURRENCE CODE: 0 3 REPORT TYPE: X — REVISION NO.: 1

ACTION TAKEN: A (18) FUTURE ACTION: H (19) EFFECT ON PLANT: Z (20) SHUTDOWN METHOD: Z (21) HOURS (22): 0 0 0 0 ATTACHMENT SUBMITTED: N (23) NPRD-4 FORM SUB.: Y (24) PRIME COMP. SUPPLIER: A (25) COMPONENT MANUFACTURER: G 0 8 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

10 SEE ATTACHED SHEET.
11
12
13
14

15 FACILITY STATUS: E (28) % POWER: 1 0 0 (29) OTHER STATUS (30): NA METHOD OF DISCOVERY: A (31) DISCOVERY DESCRIPTION (32): OPERATOR OBSERVATION

16 ACTIVITY RELEASED: Z (33) CONTENT OF RELEASE: Z (34) AMOUNT OF ACTIVITY (35): NA LOCATION OF RELEASE (36): NA

PERSONNEL EXPOSURES
17 NUMBER: 0 0 0 (37) TYPE: Z (38) DESCRIPTION (39): NA

PERSONNEL INJURIES
18 NUMBER: 0 0 0 (40) DESCRIPTION (41): NA

LOSS OF OR DAMAGE TO FACILITY (43)
19 TYPE: Z (42) DESCRIPTION: NA

PUBLICITY
20 ISSUED: N (44) DESCRIPTION (45): NA

7902050206

NRC USE ONLY

NAME OF PREPARER: GA[illegible] R. SMITH PHONE: 612/295-5151

GPO 917-926

NRC FORM 366 (7 77)

U[illegible]UCLEAR REGULATORY COMMISSION

UPDATE

LICENSEE EVENT REPORT - PREVIOUS REPORT DATE 10-6-78

CONTROL BLOCK: [1] (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

7 8	9 LICENSEE CODE 14	15 LICENSE NUMBER 25	26 LICENSE TYPE 30	57 CAT 58
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)

CON'T

7 8	REPORT SOURCE 60	61 DOCKET NUMBER 68	69 EVENT DATE 74	75 REPORT DATE 80
0 1	L (6)	0 5 0 0 0 2 6 3 (7)	0 9 0 8 7 8 (8)	0 1 2 9 7 9 (9)

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 DURING NORMAL OPERATION A TRIP OF ESSENTIAL MCC B33A SUPPLY BREAKER 52-304 RESULTED

0 3 IN OPERATION IN A DEGRADED MODE PERMITTED BY VARIOUS LIMITING CONDITIONS FOR

0 4 OPERATION. SYSTEMS DEGRADED WERE CORE SPRAY (T.S. 3.5.A.2), TWO ISOLATION VALVES

0 5 (T.S. 3.7.D.3), SBLC (T.S. 3.4.B.1), SBGTS (T.S. 3.7.B.1a) AND ONE EMERGENCY SERVICE

0 6 WATER PUMP. NO SIGNIFICANT OCCURRENCE TOOK PLACE AS A RESULT OF THE EVENT. NO

0 7 EFFECT ON PUBLIC HEALTH OR SAFETY. REDUNDANT PORTIONS OF ALL SYSTEMS MENTIONED

0 8 WERE AVAILABLE AND OPERABLE. ONE PREVIOUS EVENT REPORT (78-009 . 80

7 8 9	SYSTEM CODE 10	CAUSE CODE 11	CAUSE SUBCODE 12	COMPONENT CODE 13 18	COMP. SUBCODE 19	VALVE SUBCODE 20
0 9	E B (11)	A (12)	X (13)	C K T B R K (14)	A (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR 21 22	23	SEQUENTIAL REPORT NO. 24 26	27	OCCURRENCE CODE 28 29	REPORT TYPE 30	31	REVISION NO. 32
	7 8	—	0 1 6	/	0 3	X	—	1

ACTION TAKEN 33	FUTURE ACTION 34	EFFECT ON PLANT 35	SHUTDOWN METHOD 36	HOURS (22) 37 40	ATTACHMENT SUBMITTED 41	NPRD-4 FORM SUB. 42	PRIME COMP. SUPPLIER 43	COMPONENT MANUFACTURER 44 47
A (18)	H (19)	Z (20)	Z (21)	0 0 0 0	N (23)	Y (24)	A (25)	G 0 8 0 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 SEE ATTACHED SHEET.

1 1

1 2

1 3

1 4 80

7 8 9	FACILITY STATUS 10	% POWER 12	OTHER STATUS (30) 44	METHOD OF DISCOVERY 45 46	DISCOVERY DESCRIPTION (32) 80
1 5	E (28)	1 0 0 (29)	NA	A (31)	OPERATOR OBSERVATION

ACTIVITY RELEASED 9	CONTENT OF RELEASE 10	AMOUNT OF ACTIVITY (35) 11 44	LOCATION OF RELEASE (36) 45 80
Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

NUMBER 11	TYPE 12	DESCRIPTION (39) 13 80
0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

NUMBER 11	DESCRIPTION (41) 12 80
0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

TYPE 10	DESCRIPTION 80
Z (42)	NA

PUBLICITY

ISSUED 10	DESCRIPTION (45) 80
N (44)	NA

7902050206

NRC USE ONLY

NAME OF PREPARER GARY R. SMITH PHONE: 612/295-5151

GPO 917-926

27. CAUSE DESCRIPTION AND CORRECTIVE ACTIONS.

Low setpoint on trip device. Type of offsite personnel uncertain. Contributing cause was a loss of dash pot oil in the trip device (GE Type EC-2A). Parts were replaced in kind and setpoints adjusted.

The following actions are planned: (1) retrain appropriate personnel in setpoint adjustment, (2) check the setpoints on similar devices, (3) rebuild devices in safety related breakers and periodically replace devices in all breakers if oil leaks occur.