

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
MonticelloDOCKET NUMBER (2)
0 5 0 0 0 2 6 3 1 OF 0 2

TITLE (4)

Emergency Filter Train Trips Due to Chlorine Leakage in Chlorine Tank Room

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER (9)
02	17	84	84	010	000	05	16	84			0 5 0 0 0

OPERATING MODES (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
POWER LEVEL (10) 01010	20.402(b)		20.406(a)		XX		80.73(a)(2)(iv)		73.71(b)	
	20.406(a)(1)(i)		80.38(a)(1)				80.73(a)(2)(v)		73.71(a)	
	20.406(a)(1)(ii)		80.38(a)(2)				80.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 308A)	
	20.406(a)(1)(iii)		80.73(a)(2)(i)				80.73(a)(2)(vii)(A)			
	20.406(a)(1)(iv)		80.73(a)(2)(ii)				80.73(a)(2)(vii)(B)			
	20.406(a)(1)(v)		80.73(a)(2)(iii)				80.73(a)(2)(viii)			

LICENSEE CONTACT FOR THIS LER (12)

NAME
Oliver N. Iverson, Sr. Prod. EngineerTELEPHONE NUMBER
AREA CODE
6112 219 54-511511

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) ☒ NO ☐

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

The Emergency Filtration Train (EFT) System (Control Room HVAC) transferred to the toxic chemical emergency mode due to the release of a small amount of chlorine in the chlorine tank storage room. This transfer occurred twice on the same day while a modification to the chlorine system was being installed. The tanks were properly isolated for this work. A small amount of chlorine left in the lines was sufficient to initiate the trip when the lines were opened up.

It is planned to determine the feasibility of removing these monitors as an initiating instrument.

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PDR ADOCK 05000263
S PDR

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED ONE NO. 3150-0104

EXPIRES: 9/31/95

FACILITY NAME (1) Monticello	DOCKET NUMBER (2) 0 5 0 0 0 2 6 3	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	0 1 0	0	0 0 2	OF 0 2

TEXT (If more space is required, use additional NRC Form 288A's) (17)

While in cold shutdown the EFT system (Control Room HVAC system) (System Code VI) automatically transferred to the toxic chemical emergency mode at 0900 and again at 1300 on February 17, 1984 as a result of trips of the chlorine monitor AI-9047B (MDA Scientific Model 7040 FAN) (Component Function Identifier - 45).

The isolation occurred in response to leakage of chlorine into the chlorine tank room during installation of a modification to the chlorine system. The system design may be overly conservative and the architect-engineer is studying the system to determine the feasibility of removing these monitors as EFT initiating instruments. If feasible, the monitors will be removed.

There was no effect on public health and safety because the safety function of the EFT system was initiated.

There have been no previous reportable occurrences due to leakage of chlorine.



Northern States Power Company

414 Nicollet Mall
Minneapolis, Minnesota 55401
Telephone (612) 330-5500

March 16, 1984

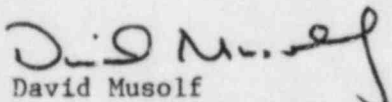
U S Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

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

Emergency Filter Train Trips Due To Chlorine Leakage
in Chlorine Tank Room

The License Event Report for this occurrence is attached.

These events were reported via Emergency Notification System per
10 CFR Part 72 on February 17, 1984.


David Musolf
Manager - Nuclear Support Services

DMM/bd

c: Regional Administrator-III, NRC
NRR Project Manager, NRC
Resident Inspector, NRC
MPCA
Attn: J W Ferman

Attachment

IE22
1/1