

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Monticello										DOCKET NUMBER (2) 0 5 0 0 0 2 6 3 1				PAGE (3) 1 OF 0 2													
TITLE (4) Actuation of EFT in E-Mode																											
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(S)														
0	6	2	4	8	5	8	5	0	1	1	0	0	0	7	2	4	8	5	0	5	0	0	0	0	0	0	0
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																									
N		20.402(b)				20.408(a)				<input checked="" type="checkbox"/> 80.73(a)(2)(iv)				73.71(b)													
POWER LEVEL (10)		1 0 0				20.408(a)(1)(i)				80.73(a)(2)(v)				73.71(e)													
		20.408(a)(1)(ii)				80.73(a)(2)(vi)				80.73(a)(2)(vii)(A)				OTHER (Specify in Abstract below and in Text, NRC Form 306A)													
		20.408(a)(1)(iii)				80.73(a)(2)(viii)				80.73(a)(2)(ix)																	
		20.408(a)(1)(iv)				80.73(a)(2)(x)				80.73(a)(2)(xi)																	
		20.408(a)(1)(v)				80.73(a)(2)(xii)				80.73(a)(2)(xiii)																	
LICENSEE CONTACT FOR THIS LER (12)																											
NAME Michael F. Hammer, I & C Engineer										TELEPHONE NUMBER AREA CODE 6 1 2 2 9 5 1 - 5 1 5 1 1																	
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																											
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS								
X	V I	P	X 9 9 9	Y																							
SUPPLEMENTAL REPORT EXPECTED (14)														EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR									
<input checked="" type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)														<input type="checkbox"/> NO													
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)																											

The EFT system (Control room HVAC) transferred to the toxic chemical emergency mode as the result of a failed sample pump in a hydrogen sulfide monitor, a failed optics lamp in a chlorine monitor, and spurious trips of a chlorine monitor. The sample pump and optics lamp were replaced; no cause could be determined for the spurious trips.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104
EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Monticello	0500026385	—	011	—	0002	OF 02

TEXT (If more space is required, use additional NRC Form 366A's) (17)

During power operation on June 24, 1985 at approximately 0600 the EFT system (Control Room HVAC) (VI) transferred to the toxic chemical emergency mode as the result of a blown fuse in the hydrogen sulfide monitor AT 9041 (MDA Scientific Model 7030 FAN) (AA). The monitor is designed to fail safe on loss of power, such as that caused by a blown fuse, and therefore a toxic chemical trip was initiated. Investigation revealed a failed sample pump (P); the pump was replaced and the monitor returned to service. Cause of the failure was degraded insulation in the motor coil windings. This is believed to be an isolated event and no further corrective action is planned. In addition, we have submitted a license amendment request to permit removal of this monitor.

During power operation on June 25, 1985 at approximately 1748 the EFT system transferred to the toxic chemical emergency mode as the result of a spurious trip of chlorine monitor AT 9046B (MDA Scientific Model 7040 FAN) (AA). The monitor was reset and the EFT system returned to normal operation. On June 26, 1985 at approximately 1554 the EFT system again transferred to the toxic chemical emergency mode as the result of a trip of chlorine monitor AT 9046B. Investigation revealed a failed optics lamp; failure of this lamp is designed to cause a toxic chemical trip. The lamp was replaced and the monitor returned to service. It is believed that the trip on June 25, 1985 was caused by intermittent optics lamp failure preceding the complete failure on June 26, 1985. The optics lamps on all other toxic chemical monitors were also replaced.

During power operation on July 16, 1985, at approximately 1110 and 1235 the EFT system transferred to the toxic chemical emergency mode as the result of spurious trips of chlorine monitor AT 9046A (MDA Scientific Model 7040 FAN) (AA). Each time, the monitor was reset and the EFT system returned to normal operation. Investigation revealed no apparent cause for these trips. The detector head was cleaned after the second trip, although there was no obvious buildup of foreign material. Operation of the monitor has been satisfactory; no further immediate corrective action is planned. For the long term, we have initiated a project to replace these monitors with more reliable equipment.

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

There has been one previous similar reportable occurrence, LER 84-31.



Northern States Power Company

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July 24, 1985

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

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

Actuation of EFT in E-Mode

The License Event Report for this occurrence is attached.

This event was reported via Emergency Notification System per 10 CFR Part 72
on June 24, 1985.

Monica Vik

for David Musolf
Manager - Nuclear Support Services

DMM/MMV/dab

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

Attachment

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