

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1): LaSalle County Station, Unit 1

DOCKET NUMBER (2): 050003731 OF 03

TITLE (4): Ammonia Detector Actuation

EVENT DATE (5):			LER NUMBER (8):			REPORT DATE (7):			OTHER FACILITIES INVOLVED (9):		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)	
04	19	85	85	039	0	05	16	85	LaSalle Co. Unit 2	05000374	
										050000	

OPERATING MODE (10):		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 6 (Check one or more of the following) (11)									
1		20.402(b)		20.406(c)		X		80.73(a)(2)(iv)		73.71(b)	
POWER LEVEL (10): 0.98		20.408(a)(1)(i)		80.38(a)(1)				80.73(a)(2)(v)		73.71(c)	
		20.408(a)(1)(ii)		80.38(a)(2)				80.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 306A)	
		20.408(a)(1)(iii)		80.73(a)(2)(i)				80.73(a)(2)(vii)(A)			
		20.408(a)(1)(iv)		80.73(a)(2)(ii)				80.73(a)(2)(vii)(B)			
		20.408(a)(1)(v)		80.73(a)(2)(iii)				80.73(a)(2)(ix)			

LICENSEE CONTACT FOR THIS LER (12):
NAME: Richard J. Rohrer, extension 575
TELEPHONE NUMBER: 815 357-6761

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
X	V I	D E T	X X X	N					

SUPPLEMENTAL REPORT EXPECTED (14):
YES (If yes, complete EXPECTED SUBMISSION DATE): X NO
EXPECTED SUBMISSION DATE (15):
MONTH: DAY: YEAR:

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

At 0547 hours on April 19, 1985, the Control Room received an alarm for "High Chlorine/Ammonia Concentration" for the "B" train of Control Room/Auxiliary Electrical Equipment Room HVAC (VC/VE) system. The alarm resulted in a signal to operate Engineered Safety Feature (ESF) dampers to isolate the "B" VC/VE train from outside air and initiate recirculating airflow through charcoal filters.

An Instrument Maintenance Foreman who investigated determined that the source of the alarm was the "B" detector of the "B" VC/VE train (OXY-VC165B). This detector was recalibrated under Work Request L48324 and returned to service on April 25, 1985.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMR NO. 315C-0104

EXPIRES 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
LaSalle County Station Unit 1	05000373	85	039	00	02	OF 03	

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

I. EVENT DESCRIPTION

At 0547 hours on April 19, 1985, the Control Room received a "High Chlorine/Ammonia Concentration" alarm for the "B" Control Room/Auxiliary Electrical Equipment Room HVAC (VC/VE), (VI) system. The alarm was received while Unit 1 was in Operational Condition 1 at 98% power and Unit 2 was in Operational Condition 4 at 0% power.

The result of this alarm was a signal for Engineered Safety Feature (ESF) damper actuations to isolate the "B" VC/VE train from outside air and initiate recirculating airflow through charcoal filters. The "B" VC/VE train was not in service at the time, and the ESF dampers for this train were already in the proper positions, so no ESF operations actually occurred.

After observing that the ESF dampers were in the correct positions, Operating Department personnel dispatched an Instrument Maintenance Foreman to investigate. It was determined that the source of the alarm was the "B" Ammonia Detector of the "B" VC/VE train (OXY-VC165B).

II. CAUSE

The cause for the Ammonia Detector actuation was the Ammonia Detector being out-of-calibration.

The Ammonia Detector was manufactured by MDA Scientific Incorporated and is model number 7060-FAN.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

Since the "B" VC/VE train was not in use and all ESF dampers were in their conservative fail-safe position, no ESF actuations took place. The event had no impact on the operating "A" VC/VE train. Safe plant operation was maintained at all times.

The event rendered the "B" Ammonia Detector for the "B" VC/VE train inoperable. Action statement a) of Technical Specification 3.3.7.8 provides seven days to restore operability to an inoperable Ammonia Detector. Repairs were made as described under "Corrective Action" below, and the Ammonia Detector was returned to service on April 25, 1985.

IV. CORRECTIVE ACTIONS

Ammonia Detector OXY-VC165B was recalibrated satisfactorily per procedure LIS-VC-03.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMF NO 3150-0104

EXPIRES 8/31/95

FACILITY NAME (1) LaSalle County Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 7 3 8 5 — 0 3 9 — 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					0 3	OF	0 3

TEXT (If more space is required, use additional NRC Form 365A's) (17)

V. PREVIOUS EVENTS

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Richard J. Rohrer, 815/357-6761, extension 575.



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

May 16, 1985

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Dear Sir:

Reportable Occurrence Report #85-039-00, Docket #050-373 is being submitted to your office in accordance with 10CFR 50.73.

for R.D. Bishop
G. J. Diederich
Station Manager
LaSalle County Station

GJD/DRR/kg

Enclosure

xc: NRC, Regional Director
INPO-Records Center
File/NRC

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