



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

July 23, 1991

Director of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Station P1-137
Washington, D.C. 20555

Dear Sir:

Licensee Event Report #91-007-00, Docket #050-374 is being
submitted to your office in accordance with
10CFR50.73(a)(2)(iv).

WR. Amitt
for G. J. Diederith
Station Manager
LaSalle County Station

GJD/RSD/mkl

Enclosure

xc: Nuclear Licensing Administrator
NRC Resident Inspector
NRC Region III Administrator
INPO - Records Center
IDNS Resident Inspector

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PDR ADOCK 05000374
S PDR

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LICENSEE EVENT REPORT (LER)

Form Rev 2.0

Facility Name (1) LaSalle County Station Unit 2 Docket Number (2) 0 | 5 | 0 | 0 | 0 | 3 | 7 | 4 | 1 | of 0 | 3 |
 Title (4) Control Room Ventilation Charcoal Absorber Actuation Due To Inadvertent Bumping During Nearby Maintenance Activity

Event Date (5) Month Day Year Year LER Number (6) Sequential Number Revision Number Report Date (7) Month Day Year Other Facilities Involved (8) Facility Names Docket Number(s)
 0 | 6 | 2 | 6 | 9 | 1 | 9 | 1 | 0 | 0 | 7 | 0 | 0 | 0 | 7 | 2 | 6 | 9 | 1 | LaSalle Unit 1 0 | 5 | 0 | 0 | 0 | 3 | 7 | 3 |
 0 | 5 | 0 | 0 | 0 | 0 | 1 | 1 |

OPERATING MODE (9) 1 THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)
 POWER LEVEL (10) 1 | 0 | 0 | 20.402(b) 20.405(c) X 50.73(a)(2)(iv) 73.71(b)
 20.405(a)(1)(i) 50.36(c)(1) 50.73(a)(2)(v) 73.71(c)
 20.405(a)(1)(ii) 50.36(c)(2) 50.73(a)(2)(vii) Other (Specify
 20.405(a)(1)(iii) 50.73(a)(2)(i) 50.73(a)(2)(viii)(A) in Abstract
 20.405(a)(1)(iv) 50.73(a)(2)(ii) 50.73(a)(2)(viii)(B) below and in
 20.405(a)(1)(v) 50.73(a)(2)(iii) 50.73(a)(2)(x) Text)

LICENSEE CONTACT FOR THIS LER (12)

Name Gildardo Bucio, Technical Staff Engineer, Extension 2640 TELEPHONE NUMBER
 AREA CODE 8 | 1 | 5 | 3 | 5 | 7 | - | 6 | 7 | 6 | 1 |

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

CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS
A	V	I		N					

SUPPLEMENTAL REPORT EXPECTED (14)

Expected Submission Date (15) Month Day Year
 Yes (If yes, complete EXPECTED SUBMISSION DATE) X | NO

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

On June 26, 1991, at 2045 hours, with Units 1 and 2 in Operational Condition 1 (Run) at 97% power and 100% power respectively, an Instrument Maintenance technician was replacing a differential pressure switch located inside the "A" Control Room Ventilation (VC) system local panel. As he was tightening a screw he inadvertently bumped an adjacent relay. This action sealed in the outside air smoke detection circuit which caused a fire alarm to be received in the Control Room and the normally bypassed charcoal absorber to be placed in line with the air flowpath.

This event did not impact the safe operation of the plant because the charcoal absorber actuated to its safety mode as designed. The individual involved in the incident received a minor shock and was transported to a nearby hospital for examination as a precautionary measure.

This event is reportable pursuant to the requirements of 10CFR50.73(a)(2)(iv) due to the actuation of an Engineered Safety Feature System.

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FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)						Page (3)					
		Year	///	Sequential Number	///	Revision Number							
LaSalle County Station Unit 2	0 5 0 0 0 3 7 4	9	1	-	0	0	7	-	0	0	0 2 OF 0 3		
TEXT Energy Industry Identification System (EIIS) codes are identified in the text as [XX]													

PLANT AND SYSTEM IDENTIFICATION

General Electric - Boiling Water Reactor

Energy Industry Identification System (EIIS) codes are identified in the text as [XX].

A. CONDITION PRIOR TO EVENT

Unit(s): 1/2 Event Date: 06/26/91 Event Time: 2045 Hours

Reactor Mode(s): 1/1 Mode(s) Name: Run/Run Power Level(s): 97%/100%

B. DESCRIPTION OF EVENT

On June 26, 1991, at 2045 hours, with Units 1 and 2 in Operational Condition 1 (Run) at 97% power and 100% power respectively, an Instrument Maintenance Technician was replacing a differential pressure switch located inside the "A" Control Room Ventilation (VC) [VI] system local panel in accordance with work request L05073. As he was tightening a screw he inadvertently bumped an adjacent relay (OXY-VC080XB1). This action resulted in the outside air smoke detection circuit sealing in which caused a fire alarm to be received in the Control Room and the charcoal adsorber dampers to realign placing the normally bypassed charcoal adsorber in line with the air flowpath.

"A" VC had been rendered inoperable on June 26, 1991, at 0840 hours to allow the replacement of the differential pressure switch and was still inoperable at the time of this event.

The charcoal adsorber dampers were realigned to their normal mode and "A" VC was declared operable on June 27, 1991 at 2145 hours following the replacement of the switch.

The instrument maintenance technician involved in this incident received an electrical shock as a result of contacting an uninsulated wire on the relay. This wire connects a relay terminal point to a contacting element and is uninsulated in all relays of this model (HMA). The technician did not require medical attention at the scene but was transported to a nearby hospital for examination as a precautionary measure.

This event is reportable pursuant to the requirements of 10CFR50.73(a)(2)(iv) due to the actuation of an Engineered Safety Feature System.

C. APPARENT CAUSE OF EVENT

This event was the result of poor work practice by the technician involved. The technician's decision to use a combination wrench to tighten the bolts on the pressure switch was improper considering the limited space between the pressure switch and the adjacent relays. Had a tool such as a bolt driver been used instead, the likelihood of this event occurring would have been greatly reduced.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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TEXT Energy Industry Identification System (EIIIS) codes are identified in the text as [XX]										

D. SAFETY ANALYSIS OF EVENT

The safety consequences of this event are minimal because the "A" VC Emergency Makeup Unit was inoperable at the time of this event.

E. CORRECTIVE ACTIONS

Since no equipment failures occurred during this event the only short term corrective action required was to realign the Charcoal Adsorber to its normal bypass mode. This was done following the replacement of the differential pressure switch inside the Control Room HVAC panel.

In order to help prevent this type of event from reoccurring, the Instrument Maintenance Department as well as the Electrical Maintenance Department will be tailgated on this event. Action Item Record 374-180-91-02301 and 02302 will track the completion of these tailgates.

F. PREVIOUS EVENTS

LER Number	Title
374/91-004-00	Reactor Building Ventilation Isolation Due To Inadvertant Mechanical Shuck To Control Switch Cabinet
374/86-008-00	Scram On Low Level Due To Stationmen Bumping Breaker
373/87-007-00	Auto Start Of "B" Control Room Ventilation Due To Contractor Bumping Breaker
373/88-011-00	Loss Of 120/208 Volt Power From Distribution 136X-1 Due To Contractor Bumping And Tripping Breaker

G. COMPONENT FAILURE DATA

None