



Commonwealth Edison  
LaSalle County Nuclear Station  
2601 N. 21st. Rd.  
Marseilles, Illinois 61341  
Telephone 815/357-6761

December 2, 1992

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

Dear Sir:

Licensee Event Report #92-012-00, Docket #050-373 is being submitted to your office in accordance with 50.73(a)(2)(i).

*WR* 11/17/92

for G. J. Diederich  
Station Manager  
LaSalle County Station

GJD/REM/mkl

Enclosure

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

230081

9211230213 921202  
PDR ADOCK 05000373  
S PDR

*JE*

## LICENSEE EVENT REPORT (LER)

Form Rev 2.0

Facility Name (1) LaSalle County Station Unit 1  
 Title (4)  
 Docket Number (2) 015000373  
 Page (3) 1 of 24

Missed Fire Watch Due to Personnel Error

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)
11	02	92	92	012	00	11	02	92		015000373

OPERATING MODE (9) 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)

20.402(b)	20.405(c)	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 in Abstract below and in Text)
20.405(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(viii)(A)	
20.405(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(viii)(B)	
20.405(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(x)	

## LICENSEE CONTACT FOR THIS LER (12)

Name Richard E. Morley, Security Administrator, Extension 2288  
 TELEPHONE NUMBER  
 AREA CODE 815 357-6111

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPRDS
A				N					

## SUPPLEMENTAL REPORT EXPECTED (14)

Expected Submission Date (15) \_\_\_\_\_

Yes (If yes, complete EXPECTED SUBMISSION DATE) X NO

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

On November 2, 1992 between the hours of 0600 through 0800 the required Technical Specification fire watch of the 690 elevation of the Off-Gas Building was not performed.

Fire Detection Zone 1-15 which monitors the 690 elevation of the Off-Gas Building was taken out of service (OOS) on November 2, 1992 at 0000 hours. The out of service was taken to allow the Mechanical Maintenance Department (MMD) to perform brazing on the Off-Gas Chiller. The 0600 hour fire watch tour was not performed due to a miscommunication between individuals performing the fire watch during turnover. The 0700 hour fire watch was not performed in accordance with the approved post order.

The 0800 hour fire watch was performed properly and all subsequent fire watch patrols were performed correctly. The safety consequences of this event are minimal as there was no fire. If a fire had started, it would not have affected the safe shutdown of the plant. The detection zone above 690 would have detected a fire. This event is reportable pursuant to 10CFR 50.73(a)(2)(1)(B) a condition prohibited by the Technical Specification.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION												Form Rev 2.0	
FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)						Page (3)					
		Year		Sequential Number		Revision Number							
LaSalle County Station Unit 1	0   5   0   0   0   3   7   3	9   2	-	0   1   2	-	0   0	0   2	OF	0   4				

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: 11/02/92 Event Time: 0600 Hours

Reactor Mode(s): D/1 Mode(s) Name: Defueled/Run Power Level(s): 0%/88%

### B. DESCRIPTION OF EVENT

On November 2, 1992 Unit 1 was defueled and Unit 2 was in Operational Conditional 1 (Run) at 88% power. Between the hour of 0600 through 0800 the required Technical Specification fire watch (FP) [IC] of the 690 elevation of the Off-Gas Building was not performed.

Fire detection zone 1-15 which monitors the 690 elevation of the Off-Gas Building was taken out of service on November 2, 1992 at 0000 hours. The out of service was taken to allow the Mechanical Maintenance Department to perform brazing on the Off Gas Chiller. The fire hazard zone for the 690 elevation of the Off-Gas Building is 10B1, 10B2, 10B3, 10B4, 10C1 and 10C2. These fire hazard zones are all protected by Fire Detection Zone 1-1.

The Operating Shift Supervisor established an Hourly Fire Watch within the one hour requirement, to inspect the area of the inoperable detection zone at least once per hour in accordance with Technical Specification 3.3.7.9, Fire Detection Instrumentation.

The 0600 hour fire watch was not performed as required due to a miscommunication between the individuals performing the 0500 fire watch and the 0600 fire watch. The fire watch log sheet covers an eight hour period for each log sheet. The 0600 hour fire watch patrol was the first hour on the new log sheet. The Hourly Firewatch for the 690 elevation of the Off-Gas Building was a hand written entry on the log sheet since it had been initiated earlier in the morning. The entry for off gas did not get entered on the log sheet for the 0600 hour fire watch patrol. The individual performing the 0600 fire watch patrol had a copy of the impairment in his possession and the log sheet from the previous eight hour period which contained the handwritten entry for this requirement. This was a personal error in that the information was available but was not thoroughly reviewed to ensure that all required fire watch tours were performed. LaSalle County Station Post Order (LPO) 112 instructs the fire watch guard to review the Fire Impairment Log and the impairments prior to assuming the post. The impairment for the 690 elevation of the Off-Gas Building was logged on the Fire Impairment Log.

The 0700 hour fire watch patrol entered the Off-Gas Building to perform the fire watch, but did not perform the tour as required by LPO 112, "Roving Fire Watch Patrol". The individual checked the 690 elevation by looking down through a grating in the floor of the 710 elevation. This tour was also considered as being missed.

The 0800 hour fire watch was performed properly and all subsequent fire watch patrols after the 0800 hour were performed correctly.

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### C. APPARENT CAUSE OF EVENT

The apparent cause of the event is attributed to personnel error for the missed fire watch during the 0600 hour. The off-going fire watch guard did not properly inform the relief of the hand written entry. The oncoming fire watch guard did not adequately review the impairments or the log sheet as required by the Post Order.

The missed fire watch for the 0700 hour tour was failure to follow procedure. The fire watch control entered the Off-Gas Building to perform the tour, but failed to perform it as required by the Post Order.

### D. SAFETY ANALYSIS OF EVENT

The safety consequences of this event were minimal. This zone contains safety-related cable trays, but only divisional associated cables are contained within the trays. Due to the low combustible loading and the absence of safety-related equipment, the design-basis fire would be contained within this zone. If the safety related cable tray were damaged; it would not affect the safe shutdown of the plant.

Fire Hazard Zone 10A1 is located on the 710 elevation of the Off Gas Building, this zone is protected by fire detection zone 1-15P. Detection zone 1-15P was operable at the time of the missed fire watch. The floor area for Fire Hazard Zone 10A1 is non-rated and has an opening with a grating in the floor. If a fire had occurred on the 690 elevation the smoke would rise, and set off the 710 elevation detection zone 1-15P for earlier notification which would have minimized the damage.

### E. CORRECTIVE ACTIONS

1. Upon discovery the Security Shift Leader held briefings with the personnel on the Post Order requirements.
2. A training package has been developed and all security personnel will be retrained on the requirements of checking the Fire Impairment Logs, Fire Impairments, touring of assigned areas and conducting proper briefings/turnover. Training commenced on November 11, 1992. Personnel will be trained prior to performing fire watch activities. Action Item Record (AIR)373-180-92-0001 will track training completion.
3. The individual who performed the 0600 fire watch patrol was issued discipline for failure to properly carry out a work assignment as required by the Post Order and then retrained on the fire watch requirements.
4. The individual who performed the 0700 fire watch patrol was issued discipline for failure to properly carry out a work assignment as required by the Post Order and then retrained on the fire watch requirements.
5. The Fire Impairment Log information has been restructured to list and group the data on the log by building/elevation. This will group fire impairments by area and assist the personnel performing the fire watch to ensure all impairments for a specific elevation are checked.
6. LPO 105, "Fire Watch Patrol" and LPO 112, "Roving Fire Watch Patrol" have been revised to provide additional information on the Fire Impairment Log as to which specific fire impairment needs to be logged.

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F. PREVIOUS EVENTS

LER Number	Title
373/90-008-00	Missed Technical Specification Hourly Fire Watch Due To Miscommunications

G. COMPONENT FAILURE DATA

None



# EVENT SUMMARY AND CAUSE CODES

DVR Number  
01-1-12-022

<input type="checkbox"/> Lost generation	<input type="checkbox"/> Reactor trip	<input type="checkbox"/> NRC violation, level
<input type="checkbox"/> Cost > \$25,000	<input type="checkbox"/> ESF actuation	<input type="checkbox"/> GSEP event, class
<input type="checkbox"/> Hazard or Spill	<input type="checkbox"/> NRC reportable	<input type="checkbox"/> Tech Spec LCO
<input type="checkbox"/> Personnel injury	<input checked="" type="checkbox"/> LER	<input type="checkbox"/> Potential or future loss
<input type="checkbox"/> Component type	<input type="checkbox"/> PSE	<input type="checkbox"/> SALP functional area
	Failure mode	

Department			
X			
X			
X			

Licensed? L or blank				Type		Detail code	
Level				Department			
A	W	S		F	5		
A	W	S		F	7		
A	W	S		I	4		

Type				Detail Code		Department	
B							
B							
B							

Type				Detail code	
C					

Type of deficiency				Detail code		Procedure type	
D							
D							
D							

Type				Detail code		Department	
E							
E							
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