



Commonwealth Edison

Zion Generating Station
Shiloh Blvd. & Lake Michigan
Zion, Illinois 60099
Telephone 708 / 746-2084

February 20, 1990

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

Dear Sir:

The enclosed Licensee Event Report number 90-003-00, Docket No. 50-295/DPR-39 from Zion Generating Station is being transmitted to you in accordance with the requirements of 10CFR50.73(a)(2)(1)(B), which requires a 30 day written report when any operation or condition occurs that is prohibited by the plant's Technical Specifications.

Very truly yours,

T. P. Joyce
Station Manager
Zion Generating Station

TPJ/PG/or

Enclosure: Licensee Event Report

cc: NRC Region III Administrator
NRC Resident Inspector
INPO Record Center
CECo Distribution List

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FDR ADUCK 05000295
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LICENSEE EVENT REPORT (LER)

Form Rev 2.0

Facility Name (1) Zion Unit 1										Docket Number (2) 0 15 10 10 10 12 19 15					Page (3) 1 of 0 2		
Title (4) Fire door found open with no firewatch established																	

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	1	2	2	9	0	9	0	0	0	13	0	0	0	13	10	14

OPERATING MODE (9) 2		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10CFR (Check one or more of the following) (11)																																																																																			
POWER LEVEL (10) 0 0 .5		20.402(b)				20.405(a)(1)(i)				20.405(a)(1)(ii)				20.405(a)(1)(iii)				20.405(a)(1)(iv)				20.405(a)(1)(v)				20.405(c)				50.36(c)(1)				50.36(c)(2)				50.73(a)(2)(i)				50.73(a)(2)(ii)				50.73(a)(2)(iii)				50.73(a)(2)(iv)				50.73(a)(2)(v)				50.73(a)(2)(vii)				50.73(a)(2)(viii)(A)				50.73(a)(2)(viii)(B)				50.73(a)(2)(x)				73.71(b)				73.71(c)				Other (Specify in Abstract below and in Text)			

LICENSEE CONTACT FOR THIS LER (12)																							
Name Theron Boyce, Fire Marshall												ext. 2298						TELEPHONE NUMBER					
AREA CODE												7 0 8						7 4 6 - 12 10 18 14					

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		CAUSE	SYSTEM	COMPONENT	MANUFAC-TURER	REPORTABLE TO NPRDS		
				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)

The fire door between the Turbine Building and the vestibule at the south Control Room entrance was found open with no hourly firewatch established.

The cause of the event was that when this door is opened greater than 125 degrees, it comes in contact with the concrete floor, and is jammed there.

This area is very heavily travelled, so any fires in this area would be detected quickly. There was therefore no safety impact as a result of this event.

Corrective actions include a Work Request to install a permanent door stop, preventing the door from opening past 90 degrees. A step will be added to Periodic Test (PT)-232 to include checking all fire doors for free travel. A station policy requiring personnel to verify doors closed behind them will be developed and implemented.

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			
Zion Unit 1	0 5 0 0 0 2 9 15	9 0	- 0 6 3	- 0 0	0 2	0 F	0 2

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

A. CONDITION PRIOR TO EVENT

MODE 2 - Hot Standby RX Power .5% RCS [AB] Temperature/ Pressure 547 °F/2235 psig

B. DESCRIPTION OF EVENT

On 1-22-90, at 1150, the Technical Specification fire door between the Turbine Building and the vestibule at the south Control Room entrance was found open with no one in attendance. The door was closed immediately.

C. APPARENT CAUSE OF EVENT

The Fire Marshall determined the cause of the event is mechanical in nature. When this door is opened greater than 125 degrees, it comes in contact with the concrete floor, and is jammed there. Positive pressure greater than that applied by the automatic closer is required to close it.

D. SAFETY ANALYSIS OF EVENT

No flammable/combustible materials are located in the vestibule area. Also, this area is very heavily travelled, so any fires in this area would be detected quickly. There was therefore no safety impact as a result of this event.

E. CORRECTIVE ACTIONS

The immediate corrective action was to close the door. Work Request #Z89686 was written by the Fire Marshall to install a permanent door stop, preventing the door from opening past 90 degrees. A step will be added to Periodic Test (PT)-232 to include checking all fire doors for free travel (Commitment #295-200-90-01001).

A station policy requiring personnel to verify doors closed behind them will be developed and implemented. This policy will apply to fire doors, security doors, Radiation-Key doors, and ventilation boundary doors. (Commitment # 295-200-90-01002)

F. PREVIOUS EVENTS

There have been several missed firewatch surveillance events recently, but none of the corrective actions taken would have prevented this event.

G. COMPONENT FAILURE DATA

None.