

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Zion Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 2 9 5										PAGE (3) 1 OF 0 2																													
TITLE (4) Failure of Off-Gas Air Ejector Radiation Monitor (1RE-0015)																																																	
EVENT DATE (5) MONTH DAY YEAR 0 2 0 8 8 5										LER NUMBER (6) YEAR SEQUENTIAL NUMBER REVISION NUMBER 8 5 - 0 1 4 - 0 0										REPORT DATE (7) MONTH DAY YEAR 0 5 2 3 8 5										OTHER FACILITIES INVOLVED (8) FACILITY NAMES DOCKET NUMBER(S) 0 5 0 0 0																			
OPERATING MODE (9) 5										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																							
POWER LEVEL (10) 0 0 0										20.402(b) 20.406(a)(1)(i) 20.406(a)(1)(ii) 20.406(a)(1)(iii) 20.406(a)(1)(iv) 20.406(a)(1)(v)										20.406(c) 30.36(c)(1) 30.36(c)(2) 30.73(a)(2)(i) 30.73(a)(2)(ii) 30.73(a)(2)(iii)										30.73(a)(2)(iv) 30.73(a)(2)(v) 30.73(a)(2)(vi) 30.73(a)(2)(vii)(A) 30.73(a)(2)(vii)(B) 30.73(a)(2)(ix)										73.71(b) 73.71(c) X OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
LICENSEE CONTACT FOR THIS LER (12) NAME Christopher Kuechle, ext. 563																														TELEPHONE NUMBER AREA CODE 3 1 2 7 4 6 - 2 0 8 4																			
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	I	L	I	M	O	D			No																																								
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)																																																	
<p>On 2/8/85, during a purge of Unit 1 containment while in cold shutdown, the Off-gas Air Ejector noble gas radiation monitor (1RE-0015) was discovered to be failed low. This violated TS 3.12.1.C, which requires this monitor to be operable during release of gaseous wastes. The purge was secured and shiftly grab samples were taken to meet TS 4.12.1.C which is the required action for an inoperable monitor.</p> <p>However since there is no action statement associated with TS 3.12.1.C except that listed under Surveillance Requirement 4.12.1.C this report is being submitted as a conservative action.</p> <p>Investigation showed the failure to be caused by a faulty transistor in the Test/Calibrate printed circuit (PC) board and a defective Rate PC board. Both boards were replaced and the monitor was recalibrated and returned to service on 2/11/85.</p> <p>Since the unit was in cold shutdown, no condenser off-gas flow was present. There were no safety implications. The new Radiological Effluent Tech Specs (currently under review) will not require this monitor to be operable during cold shutdown.</p> <p>This monitor has failed in the past for other reasons. No further action is necessary.</p>																																																	
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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Zion Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 9 5 8 5	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		— 0 1 4	— 0 0	0 2	OF 0 2	

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

On 2/8/85, during a purge of Unit 1 containment while in cold shutdown, the Off-gas Air Ejector noble gas radiation monitor (1RE-0015) was discovered to be failed low. This violated TS 3.12.1.C, which requires this monitor to be operable during release of gaseous wastes. The purge was secured and shiftly grab samples were taken to meet TS 4.12.1.C which is the required action for an inoperable monitor.

However since there is no action statement associated with TS 3.12.1.C except that listed under Surveillance Requirement 4.12.1.C this report is being submitted as a conservative action.

Investigation showed the failure to be caused by a faulty transistor in the Test/Calibrate printed circuit (PC) board and a defective Rate PC board. Both boards were replaced and the monitor was recalibrated and returned to service on 2/11/85.

Since the unit was in cold shutdown, no condenser off-gas flow was present. There were no safety implications. The new Radiological Effluent Tech Specs (currently under review) will not require this monitor to be operable during cold shutdown.

This monitor has failed in the past for other reasons. No further action is necessary.



Commonwealth Edison

Zion Generating Station
Shiloh Blvd. & Lake Michigan
Zion, Illinois 60099
Telephone 312/746-2084

May 23, 1985

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

References: 10CFR50
NUREG 1022

Dear Sir:

The enclosed Licensee Event Report from Zion Generating Station is being transmitted to you in accordance with the requirements of 10CFR50.73(a)(2)(i) which requires a 30 day written report when there has been an operation or condition prohibited by the plant's Technical Specifications.

This report is being submitted late because the event, which occurred on February 8, 1985, was originally reported internally as a non-reportable deviation. While reviewing the completed deviation report, it was determined that a Technical Specification LCO may have been violated. This report is number 85-014-00, Docket No. 50-295/DPR-39.

Subsequent investigation of the event and discussion of Zion Technical Specification 3.12.1.C have shown that the poorly written Specification makes it unclear whether the event is reportable. Therefore this report is being made as a conservative action. Zion's proposed RETS will clarify this section when approved. This event would not be reportable under the RETS.

Very truly yours,

K. L. Graesser
Station Manager
Zion Generating Station

KLG/rmm

Enclosure: Licensee Event Report No. 85-014-00
Attachment

cc: J. G. Keppler, NRC Region III Administrator
M. Holzmer, NRC Resident Inspector
INPO Record Center
CECo Distribution List

IE22
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