

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Duane Arnold Energy Center										DOCKET NUMBER (2) 0 5 0 0 0 3 3 1										PAGE (3) 1 OF 0 2																					
TITLE (4) Inadvertent Secondary Containment Violation																																									
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)								
																											None						0 5 0 0 0								
0 7			3 1			8 5			8 5			0 3			0			0 0			0 8			3 0			8 5									0 5 0 0 0					
OPERATING MODE (9)						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																			
POWER LEVEL (10) 0 1 6 1 8						20.402(b)						20.406(c)						50.73(a)(2)(iv)						73.71(b)																	
						20.406(a)(1)(i)						50.38(e)(1)						50.73(a)(2)(v)						73.71(e)																	
						20.406(a)(1)(ii)						50.38(e)(2)						50.73(a)(2)(vi)						OTHER (Specify in Abstract Below and in Text, NRC Form 365A)																	
						20.406(a)(1)(iii)						50.73(a)(2)(i)						50.73(a)(2)(viii)(A)																							
						20.406(a)(1)(iv)						50.73(a)(2)(ii)						50.73(a)(2)(viii)(B)																							
20.406(a)(1)(v)						50.73(a)(2)(iii)						50.73(a)(2)(ix)																													
LICENSEE CONTACT FOR THIS LER (12)																																									
NAME Brad Thomas, Technical Support Engineer																				TELEPHONE NUMBER																					
																				AREA CODE																					
3 1 9																				8 5 1 - 7 3 3 9																					
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											
B			N I G			I X I I S			I I I			Yes																													
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)																																									
<p>On July 31, 1985 during normal power operation, an unintentional momentary violation of secondary containment occurred. The violation involved two secondary containment airlock doors being simultaneously opened. Technical Specification 3.7.C.1 requires secondary containment integrity during plant operation. Therefore, this event constitutes a condition prohibited by our Technical Specifications and is being reported accordingly. The Standby Gas Treatment System (BH) was operable per Technical Specifications, but was not required to be operating to provide an elevated filtered effluent pathway. There was no effect on the health and safety of the public from this event.</p> <p>As detailed in the attached text, this event occurred as a result of an out-of-adjustment door interlock mechanism, and appropriate corrective actions were taken to repair the defective mechanism.</p>																																									
IE 22 111																																									
8509040042 850830 PDR ADOCK 05000331 S PDR																																									

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Duane Arnold Energy Center	05000331	85	030	00	02	OF	02

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

On July 31, 1985 at approximately 1320 hours, with the plant in normal operation at 68% power, both doors of a secondary containment airlock between the Reactor Building and the Offgas Retention Building were opened simultaneously, resulting in a momentary violation of secondary containment.

Technical Specification 3.7.C.1 requires secondary containment integrity during power operation. Therefore, these events constitute a condition prohibited by our technical specifications and is being reported pursuant to 10 CFR 50.73(a)(2)(i). (See LER 84-30, 84-34, 84-38, 84-45, 85-03, and 85-16 for prior similar events.)

The Standby Gas Treatment System (BH) was operable but was not required to be operating to provide an elevated filtered effluent pathway. There was no effect upon the health and safety of the public.

This event was caused by a spring-loaded cam on the door interlock mechanism being out of adjustment. As a corrective action, the cam was readjusted the same day. As a long-term corrective action a Technical Specification amendment request (RTS-174, dated October 17, 1984) has been submitted to incorporate a Technical Specification action statement. In addition, an engineering review is in progress to investigate replacement of interlock mechanisms with a different door locking device. Two different prototype door locks will be installed on the same secondary containment airlock to evaluate their effectiveness, and to determine the model to be used throughout the plant.

Iowa Electric Light and Power Company

August 23, 1985
DAEC-85-0744

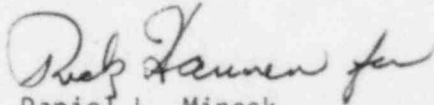
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Duane Arnold Energy Center
Docket No. 50-331
Op. License DPR-49
Licensee Event Report No. 85-030

Gentlemen:

In accordance with 10 CFR 50.73 please find attached a copy of the
subject Licensee Event Report.

Very truly yours,



Daniel L. Mineck
Plant Superintendent - Nuclear
Duane Arnold Energy Center

DLM/BNT/kp

attachment

cc: Mr. James G. Keppler
Regional Administrator
Region III
U. S. Nuclear Regulatory Commission
799 Roosevelt Road
Glen Ellyn, IL 60137

NRC Resident Inspector - DAEC

File A-118a

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