

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Duane Arnold Energy Center

DOCKET NUMBER (2)

0 5 0 0 0 3 3 1 1 OF 0 2

PAGE (3)

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)													
1	0	1	0	8	5	8	5	0	4	0	0	0	1	1	0	8	8	5	None	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	9	9	20.402(b)		20.406(e)		50.73(a)(2)(iv)		73.71(b)	
				20.406(a)(1)(i)		50.73(a)(2)(v)		73.71(c)			
				20.406(a)(1)(ii)		50.73(a)(2)(vi)		OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
				20.406(a)(1)(iii)	X	50.73(a)(2)(vii)(A)					
				20.406(a)(1)(iv)		50.73(a)(2)(vii)(B)					
				20.406(a)(1)(v)		50.73(a)(2)(iii)		50.73(a)(2)(x)			

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Brad Thomas, Technical Support Engineer	3 1 1 9 8 5 1 1 - 1 7 1 3 1 0 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	G	I	S	O	I	L		Yes

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>				

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

On October 10, 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 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.

As detailed in the attached text, this event occurred as a result of a loose solenoid wire, and appropriate corrective actions were taken to repair the inoperative mechanism.

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PDR ADDOCK 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 (6):			PAGE (3):	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
Duane Arnold Energy Center	0 5 0 0 0 3 3 1	8 5	- 0 4 0	- 0 0	0 2	OF 0 2

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

On October 10, 1985 at approximately 1345 hours, with the plant in normal operation at 99% 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, 85-16, 85-30, and 85-38 for prior similar events.)

The Standby Gas Treatment System (EIIIS System Code 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 loose wire on the solenoid, which was repaired immediately. 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 recently installed on the same secondary containment airlock are being evaluated for their effectiveness, which will determine the model to be used throughout the plant.

Iowa Electric Light and Power Company

October 30, 1985

DAEC-85-0862

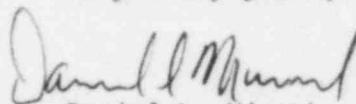
U. S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D. C. 20555

Subject: Duane Arnold Energy Center  
Docket No. 50-331  
Op. License DPR-49  
Licensee Event Report No. 85-040

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 - LER 85-040

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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