

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Duane Arnold Energy Center	DOCKET NUMBER (2) 0 5 0 0 0 3 3 1 1	PAGE (3) 1 OF 0 2
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TITLE (4)
Inadvertent Standby Gas Treatment Actuation

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		
0	5	06	8	5	014	0	6	05	None		
									DOCKET NUMBER(S)		
									0 5 0 0 0		

OPERATING MODE (9) N	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)	50.36(e)(1)	50.36(e)(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)(vi)	50.73(a)(2)(vii)	50.73(a)(2)(viii)(A)	50.73(a)(2)(viii)(B)	50.73(a)(2)(ix)	73.71(b)	73.71(c)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)		

LICENSEE CONTACT FOR THIS LER (12)											
NAME Jim Smith, Acting Technical Support Supervisor										TELEPHONE NUMBER	
										AREA CODE	
										3 1 1 9	
8 1 5 1 1 - 1 7 1 3 1 0 8											

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		
X	JIM			No							

SUPPLEMENTAL REPORT EXPECTED (14)								EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE)								NO				
								X				

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

On 05/06/85, with the reactor shut down and defueled for a refueling outage, a jumper which had been temporarily installed while relocating Group III bypass switches became disconnected when an electrician opened the panel door. As a result, the "A" side of the Standby Gas Treatment System actuated and a half (inboard valves only) Group III isolation occurred.

The jumper was reinstalled with a more secure mechanism, the half Group III isolation was reset, and the ventilation system was returned to normal. There was no affect on the health and safety of the public.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Duane Arnold Energy Center	DOCKET NUMBER (2) 0 5 0 0 0 3 3 1	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 5	- 0 1 4	- 0 0	0 2	OF 0 2

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

On 05/06/85, Duane Arnold Energy Center was in a refuel outage with all fuel removed from the reactor. At approximately 0930 hours, the "A" side Standby Gas Treatment System (EIIS System Code BH) auto-initiated. A half (inboard valves only) Group III isolation (JM) also occurred.

At the same time, an electrician had opened the door to an instrument panel behind the Control Room and noticed a disconnected jumper wire installed to facilitate relocating switches on a panel terminal. This jumper bypassed Group III "A" isolation logic for the switch relocation work.

The alligator clip jumper was replaced with a more secure spade lug to prevent disconnection. The alligator clip had most likely come loose as a result of the panel door opening. The clip may have been loose or the wire may have caught on the inside of the door.

The "A" logic was reset and the ventilation system was restored to normal. System checks revealed that all systems had initiated and functioned per design. As the Control Room was immediately notified of the disconnected wire and the clip was replaced with a more secure mechanism, no further corrective actions are necessary.

With the plant in the refuel mode with no fuel in the reactor, the engineered safety feature auto-initiations had no affect on the health and safety of the public. Although there was no safety significance to this event, it is being reported pursuant to 10 CFR 50.73(a)(2)(iv) which requires reporting "manual or automatic actuation of any Engineered Safety Feature."

Iowa Electric Light and Power Company
June 5, 1985

DAEC-85- 0462

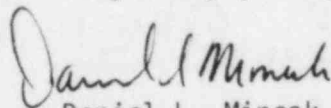
U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Duane Arnold Energy Center
Docket No. 50-331
Op. License DPR-49
Licensee Event Report No. 85-014

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/JCS/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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