

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: Mr J G Keppler

FROM: Iowa Elec Light & Pwr Co  
Cedar Rapids, Ia  
E L Hammond

DATE OF DOCUMENT  
2-3-77

DATE RECEIVED 2-8-77

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

1 cc

DESCRIPTION

Ltr trans the following:

lp

PLANT NAME: Duane Arnold

ENCLOSURE

Licensee Event Report (RO# 77-2)(30 day) on 1-5-77 which concerned Tripping of Yarway Model 4418C switch due to setpoint drift.....

lp

ACKNOWLEDGED

DO NOT REMOVE

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION 2-10-77 ehf

BRANCH CHIEF:	Leav
W/3 CYS FOR ACTION	
LIC. ASST.:	Parrish
W/1 CYS	
ACRS /6 CYS HOLDING/SENT	As CAT B 2/9/77

INTERNAL DISTRIBUTION

<u>REG FILE</u>				
NRC PDR				
I & E (2)				
MIPC				
SCHROEDER/IPPOLITO				
HOUSTON				
NOVAK/CHECK				
GRIMES				
CASE				
BUTLER				
HANAUER				
TEDESCO/MACCARY				
EISENHUT				
BAER				
SHAO				
VOLLMER/BUNCH				
KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

CONTROL NUMBER

LPDR: Cedar Rapids, Ia				
TIC:				
NSIC:				

1176 R 40

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
February 3, 1977  
DAEC - 77 - 92

Mr. James G. Keppler, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission - Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137



Subject: Licensee Event Report No. 77-2  
(30 day)

File: A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

*Ellery L. Hammond*  
Ellery L. Hammond  
Chief Engineer  
Duane Arnold Energy Center

*Regulatory Docket File*

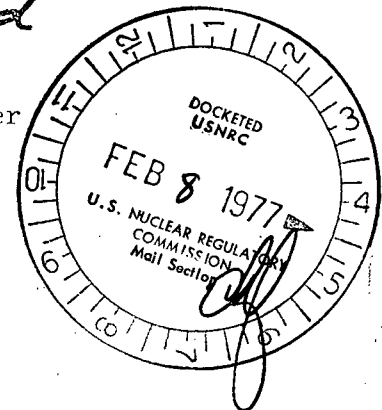
Docket 50-331

attachment

ELH/JVS/mg

cc: Director, Office of Inspection and Enforcement (30)  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Director, Management Information and Program Control (3)  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555



1176

# LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME														LICENSE NUMBER										LICENSE TYPE					EVENT TYPE	
01	I	A	D	A	C	1	0	0	-	0	0	0	0	0	-	0	0	4	1	1	1	1	0	3						
7	8	9	14	15	25	26	30	31	32																					
01		CON'T		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER								EVENT DATE				REPORT DATE								
01	CON'T			L	L	0	5	0	-	0	3	3	1	0	1	0	5	7	7	0	2	0	3	7	7					
7	8	57	58	59	60	61	68	69	74	75	80																			

**EVENT DESCRIPTION**

03	During Surveillance Testing LIS 4561 (ADS permissive) tripped at 14.7 inches. The Technical Specification required setpoint is less than or equal to 12 inches. Redundant trip system was available. The switch was recalibrated and functionally tested. The ADS permissive function of this switch was always available in that the trip would still have occurred																								80
7	8	9																						80	

SYSTEM CODE				CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION	
07	S	H	E	I	N	S	T	R	U	N	Y	0	1	0	Y		
7	8	9	10	11	12	17	43	44	47	48							

**CAUSE DESCRIPTION**

08	Instrument drift. This switch is a Yarway Model 4418C. Trend data does not indicate further corrective action is necessary at this time.																								80
7	8	9																						80	

FACILITY STATUS		% POWER			OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
11	E	0	7	5	NA				B	Surveillance Test						
7	8	9	10	12	13	44	45	46								
FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE								
12	Z	Z	NA				NA									
7	8	9	10	11	44	45										

**PERSONNEL EXPOSURES**

13	NUMBER		TYPE		DESCRIPTION																	80
0	0	0	Z	NA																	80	
7	8	9	11	12	13															80		

**PERSONNEL INJURIES**

14	NUMBER		DESCRIPTION																	80
0	0	0	NA																	80
7	8	9	11	12															80	

**OFFSITE CONSEQUENCES**

15	NA																								80
7	8	9																						80	

**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION																						80
16	Z	NA																						80
7	8	9	10																		80			

**PUBLICITY**

17	NA																								80
7	8	9																						80	

**ADDITIONAL FACTORS**

18	Event Desc. Cont. - but at a slightly higher water level. (RO 77-2)																								80
7	8	9																						80	
19																									80
7	8	9																						80	

NAME: J. Van Sickel PHONE: 319-851-5611

*D. Zamman*

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
February 3, 1977  
DAEC - 77 - 92

Mr. James G. Keppler, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission - Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Subject: Licensee Event Report No. 77-2  
(30 day)

File: A-118a

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Very truly yours,



Ellery L. Hammond  
Chief Engineer  
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/mg

cc: Director, Office of Inspection and Enforcement (30)  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Director, Management Information and Program Control (3)  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

FEB 7 1977

# LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME		LICENSE NUMBER				LICENSE TYPE				EVENT TYPE														
01	I	A	D	A	C	1	0	0	-	0	0	0	0	-	0	0	4	1	1	1	1	0	3	
7	8	9	14	15	25	26	30	31	32															

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER				EVENT DATE				REPORT DATE												
01	CONT	L	L	0	5	0	-	0	3	3	1	0	1	0	5	7	7	0	2	0	3	7	7	
7	8	57	58	59	60	61	68	69	74	75	80													

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SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION		
07	S	H	E	I	N	S	T	R	U	N	Y	0	1	0	Y
7	8	9	10	11	12	17	43	44	47	48					

**CAUSE DESCRIPTION**

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11	E	0	7	5	NA			B	Surveillance Test						
7	8	9	10	12	13	44	45	46							

FORM OF ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY				LOCATION OF RELEASE							
12	Z	Z	NA				NA								
7	8	9	10	11	44	45									

**PERSONNEL EXPOSURES**

NUMBER		TYPE		DESCRIPTION	
13	0	0	0	Z	NA
7	8	9	11	12	13

**PERSONNEL INJURIES**

NUMBER		DESCRIPTION		
14	0	0	0	NA
7	8	9	11	12

**OFFSITE CONSEQUENCES**

15 | NA

**LOSS OR DAMAGE TO FACILITY**

TYPE		DESCRIPTION			
16	Z	NA			
7	8	9	10		

**PUBLICITY**

17 | NA

**ADDITIONAL FACTORS**

18 | Event Desc. Cont. - but at a slightly higher water level. (RO 77-2)

19 |

NAME: J. Van SICKel PHONE: 319-851-5611