

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: J.G. KEPPLER

FROM: IOWA ELEC. LIGHT & PWR. CO.  
CEDAR RAPIDS, IOWA  
E.L. HAMMOND

DATE OF DOCUMENT

1/13/77

DATE RECEIVED

1/25/77

LETTER

NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

ORIGINAL

UNCLASSIFIED

COPY

1

DESCRIPTION

LTR. TRANS THE FOLLOWING.....

PLANT NAME: DUANE ARNOLD

ENCLOSURE

LICENSEE EVENT REPORT FOR. R. O.# 76/90, ON  
12/15/76 CONCERNING THE TORUS LIQUID TEMPER-  
ATURE TRANSMITTER FAILING RESULTING IN A SPAN  
OF THE REQUIRED DEGREES.....

( 1 SIGNED CY. RECIEVED)  
( 2 PAGES)

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

FOR ACTION/INFORMATION

SAB 1/31/77

<input checked="" type="checkbox"/>	BRANCH CHIEF:	LEAR
<input checked="" type="checkbox"/>	W/3 CYS FOR ACTION	
<input checked="" type="checkbox"/>	LIC. ASST.:	PARRISH
<input checked="" type="checkbox"/>	W/ CYS	
<input checked="" type="checkbox"/>	ACRS 16 CYS HOLDING/SENT	

**CATEGORY-B DOCUMENT**  
**F/INFO ACRS**

INTERNAL DISTRIBUTION

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

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/>	LPDR: CEDAR RAPIDS, IOWA				
<input checked="" type="checkbox"/>	TIC:				
<input checked="" type="checkbox"/>	NSIC:				

CONTROL NUMBER

865

GD 1/30

Regulatory

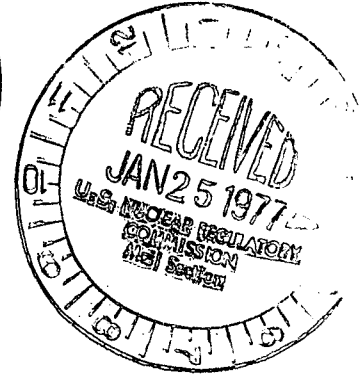
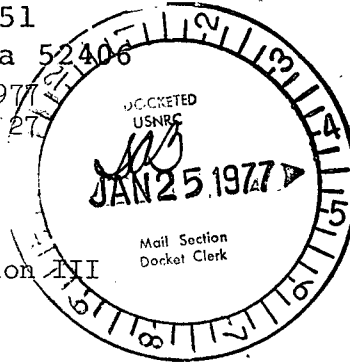
File Cy-1

*W. Lanham*

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
January 13, 1977  
DAEC - 77 - 27

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. 76-90  
(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

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

865

JAN 17 1977

# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

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	CONT	0 5 0 - 0 3 3 1	1 2 1 5 7 6	0 1 1 3 7 7
7 8	57 58	59 60 61 68	69 74	75 80

### EVENT DESCRIPTION

02	During surveillance testing torus liquid temperature transmitter 4324 w				80
7 8 9					
03	as found to have failed resulting in a span of approximately 10-180 deg				80
7 8 9					
04	rees F vice the required span of 20-220 degrees F. Redundant system av				80
7 8 9					
05	ailable. Not a repetitive occurrence. Failed component replaced in kind				80
7 8 9					
06	and transmitter tested satisfactory. (RO 76-90)				80
7 8 9					

07	I D	E	I N S T R U	N	H 2 6 0	Y
7 8 9	10	11	12 17	43	44 47	48

### CAUSE DESCRIPTION

08	Capacitor C <sub>1</sub> in TT 4324 failed. The transmitter is a Honeywell Model 39				80
7 8 9					
09	521-4010-912. Failed capacitor was replaced in kind and the transmitter				80
7 8 9					
10	recalibrated. No further corrective action necessary.				80
7 8 9					

11	E	0 8 1	NA	B	Surveillance Test
7 8 9	10	12 13	44	45 46	80

12	Z	Z	NA	NA
7 8 9	10	11	44	45 80

### PERSONNEL EXPOSURES

13	0 0 0	Z	NA
7 8 9	11	12 13	80

### PERSONNEL INJURIES

14	0 0 0	NA
7 8 9	11	12 80

### OFFSITE CONSEQUENCES

15	NA
7 8 9	80

### LOSS OR DAMAGE TO FACILITY

16	Z	NA
7 8 9	10	80

### PUBLICITY

17	NA
7 8 9	80

### ADDITIONAL FACTORS

18	NA
7 8 9	80

19	
7 8 9	80

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