

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER  
INCIDENT REPORT

TO: James G. Keppler

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

DATE OF DOCUMENT  
7/13/77

DATE RECEIVED  
7/18/77

LETTER  
 ORIGINAL  
 COPY  
 NOTORIZED  
 UNCLASSIFIED

PROP INPUT FORM

NUMBER OF COPIES RECEIVED

**1 CC**

DESCRIPTION

**ACKNOWLEDGED**

**DO NOT REMOVE**

PLANT NAME: Duane Arnold Energy Center  
RBT 7/19/77

ENCLOSURE

Licensee Event Report (50-331/77+52)  
on 6/13/77 concerning steam line high flow  
instruments tripping out of specs.  
1p+1p

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

**1 CY ENCL Rec'd**

FOR ACTION/INFORMATION

BRANCH CHIEF:	<b>LEAR</b>
W/ 3 CYS FOR ACTION	
LIC ASST.:	<b>PARRISH</b>

INTERNAL DISTRIBUTION

<b>REG FILE</b>				
NRC PDR				
I & E (2)				
MIPC				
SCHROEDER/IPPOLITO				
HOUSTON				
NOVAK/CHECK				
GRIMES				
KNIGHT				
BUTLER				
HANAUER				
TEDESCO				
EISENHIT				
BAER				
SHAO				
VOLLMER/BUNCH				
KREGER/ J. COLLINS				
ROSA				

EXTERNAL DISTRIBUTION

LPDR: <b>CEDAR RAPIDS, IA</b>	
TIC:	
NSIC:	
ACRS (16) SENT AS CAT. B	

CONTROL NUMBER

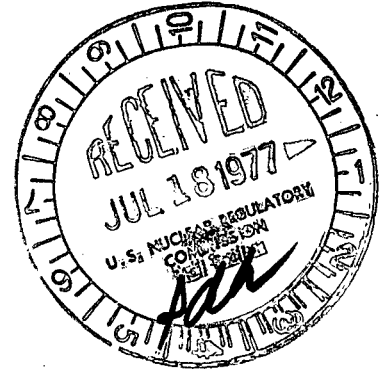
**772000220**

**A04**

**60**

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
July 13, 1977  
DAEC-77 - 370



Regulatory File Cy  
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. 77-52  
(14 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

ELH/JVS/mg

Docket 50-331

attachment

cc: Director, Office of Inspection and Enforcement (40)  
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

772000220

CONTROL BLOCK: 1 8

(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	1								
7	8	9	14	15	25	26	30	31	32																							

CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE					REPORT DATE									
01	CONT	T	L	0	5	0	-	0	3	3	1	0	6	1	3	7	7	0	7	1	3	7	7
7	8	57	58	59	60	61	68	69	74	75	80												

EVENT DESCRIPTION

02 | During Surveillance Testing RCIC steam line high flow instruments tripp  
 03 | ed at out of specification values. PDIS 2441 tripped at 103 inches of w  
 04 | ater and PDIS 2442 tripped at 100 inches of water. The required setpoin  
 05 | t is 110 plus or minus 5 inches of water. The switches were recalibrate  
 06 | d and functionally tested. (RO 77-52)

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

CAUSE DESCRIPTION

08 | Instrument drift. The instruments are Barton Model 288 pressure differe  
 09 | ntial indicating switches.  
 10 |

FACILITY STATUS		% POWER		OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	E	0	9	0	NA	B	Surveillance Test						
7	8	9	10	12	13	44	45	46	80				

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	80				

PERSONNEL EXPOSURES

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

PERSONNEL INJURIES

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

OFFSITE CONSEQUENCES

NUMBER		DESCRIPTION			
15	NA				
7	8	9	80		

LOSS OR DAMAGE TO FACILITY

TYPE		DESCRIPTION			
16	Z	NA			
7	8	9	10	80	

PUBLICITY

NUMBER		DESCRIPTION			
17	NA				
7	8	9	80		

ADDITIONAL FACTORS

NUMBER		DESCRIPTION			
18	NA				
7	8	9	80		

NUMBER		DESCRIPTION			
19	NA				
7	8	9	80		

NAME: J. Van Sickel

PHONE: 319-851-5611

RECEIVED DOCUMENT  
PROCESSING UNIT

1977 JUL 18 AM 11 52