

~~45-7-8~~ 50-331

## NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: Mr Keppler

FROM: Iowa Elec Light & Pwr Co  
Cedar Rapids, Ia  
GG HUNTDATE OF DOCUMENT  
2-6-76DATE RECEIVED  
2-17-76☒ LETTER  
☐ ORIGINAL  
☒ COPY☐ NOTORIZED  
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
none signed

## DESCRIPTION

Ltr trans the following:

PLANT NAME: Duane Arnold

## ENCLOSURE

Reportable Occurrence #76-008 on 1-23-76  
concerning ruptured bellows in two oxygen  
analyzer sample pumps....NOTE: IF PERSONNEL EXPOSURE IS INVOLVED  
SEND DIRECTLY TO KREGER/J. COLLINS

## SAFETY

## FOR ACTION/INFORMATION

## ENVIRO

2-18-76 ehf

BRANCH CHIEF:

W/3 CYS FOR ACTION

LIC. ASST:

W/16 CYS

ACRS/6 CYS HOLDING/SENT TO LA PARRISH

LEAR  
PARRISH

## INTERNAL DISTRIBUTION

REG FILE

NRC PDR

I &amp; E (2)

MIPC (3)

SCHROEDER/IPPOLITO

HOUSTON

NOVAK/CHECK

GRIMES/SCHWENCER

CASE

F. WILLIAMS

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

## EXTERNAL DISTRIBUTION

LPDR: Cedar Rapids, Ia

TIC

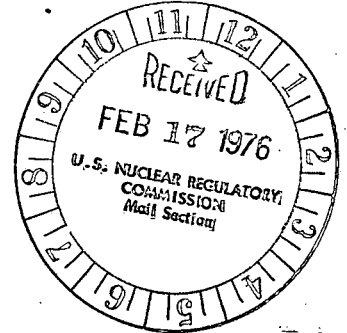
NSIC

## CONTROL NUMBER

1548

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
February 6, 1976  
DAEC - 76 - 28



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

50 - 331

Subject: Licensee Event Report No. RO 76-008  
(14 day)

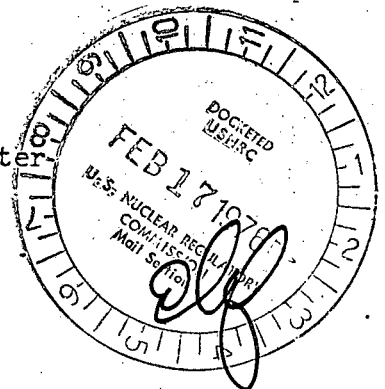
File: A-118a

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,

G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center



Docket 50-331

attachment

DLW/GGH/mg

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

1548

# LICENSEE EVENT REPORT

CONTROL BLOCK: 1 2 3 4 5 6

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

## EVENT DESCRIPTION

02	During testing involving pressurization of the drywell,	80
03	oxygen concentration in the torus was observed to be 5.6 percent.	80
04	Nitrogen purge reduced oxygen concentration to less than 4 percent	80
05	thirty eight hours later. During that period testing was performed	80
06	to determine source of oxygen and verify operability of analyzers. (RO 76-008)	80

SYSTEM CODE		CAUSE CODE	COMPONENT CODE					PRIME COMPONENT SUPPLIER	COMPONENT MANUFACTURER			VIOLATION		
07	S E	E	P	U	M	P	X	X	N	M	2	7	0	Y
7	8	9	10					17	43	44			47	48

## CAUSE DESCRIPTION

08	Ruptured bellows in two oxygen analyzer sample pumps caused	80
09	air to be pumped in torus resulting in oxygen concentration increase.	80
10	One pump replaced, other one on order. Metal Bellows Model MB151	80

FACILITY STATUS		% POWER	OTHER STATUS		METHOD OF DISCOVERY	DISCOVERY DESCRIPTION	
11	E	0	8	5	NA	C	NA
7	8	9	10	12	13	44	45

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	80
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## LOSS OR DAMAGE TO FACILITY

TYPE	DESCRIPTION		
16	Z	NA	
7	8	9	10

## PUBLICITY

17	NA	80
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## ADDITIONAL FACTORS

18	Description of occurrence cont'd. - Also during the same period, the	80
19	indicated oxygen concentration cycled above and below Tech Spec limits.	80

NAME: D. Wilson

PHONE: 319-851-5611