

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:  
Mr. James G. Keppler

FROM:  
Iowa Electric Light & Power Co.  
Cedar Rapids, Iowa  
G. G. Hunt

DATE OF DOCUMENT  
Not Dated

DATE RECEIVED  
4/27/76

LETTER  
 ORIGINAL  
 COPY

NOTORIZED  
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED  
one signed

DESCRIPTION

Ltr. trans the following:

ENCLOSURE

Licensee Event Rpt. (RO 50-331/1976-26) on 3/31/76 concerning excessive water leakage from pilot ports and exhaust ports on several main steam relief valves during operational hydrostatic testing.

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME:

Duane Arnold

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

SAFETY

FOR ACTION/INFORMATION

ENVIRO 4/30/76 RJL

<input checked="" type="checkbox"/> BRANCH CHIEF:	<i>LEAR</i>
W/3 CYS FOR ACTION	
<input checked="" type="checkbox"/> LIC. ASST:	<i>PARRISH</i>
W/1 CYS	
ACRS <i>16</i> CYS HOLDING/SENT TO LA	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE				
NRC PDR				
I & 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

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: <i>Cedar Rapids, IO</i>	
TIC	
NSIC	

*Q*  
**4174**

D. Lanham

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406

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. 76-24  
(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 ELH*

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



Regulatory Docket File

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

4174

# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME 01 I A D A C 1						LICENSE NUMBER 0 0 - 0 0 0 0 0 - 0 0						LICENSE TYPE 4 1 1 1 1				EVENT TYPE 0 1	
CATEGORY 01 CONT		REPORT TYPE T	REPORT SOURCE L	DOCKET NUMBER 0 5 0 - 0 3 3 1				EVENT DATE 0 3 3 1 7 6			REPORT DATE 0 4 1 5 7 6						

### EVENT DESCRIPTION

02	During operational hydrostatic testing following a refuel outage, ex-	80
03	cessive water leakage was observed from the pilot ports and exhaust	80
04	ports on several main steam relief valves. All of the subject relief	80
05	valves were removed, repaired by the valve vendor as required and	80
06	tested by a testing laboratory. Repair included replacement of pilot	80

SYSTEM CODE 07 C C	CAUSE CODE E	COMPONENT CODE V A V L O P	PRIME COMPONENT SUPPLIER N	COMPONENT MANUFACTURER D 2 4 3	VIOLATION N
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### CAUSE DESCRIPTION

08	Excessive steam cutting of the pilot valve disc on five of the six re-	80
09	lief valves. Cause of excessive cutting unknown at this time. Inves-	80
10	tigation is continuing. Supplemental report to be submitted.	80

FACILITY STATUS 11 H	% POWER 0 0 0	OTHER STATUS NA	METHOD OF DISCOVERY B	DISCOVERY DESCRIPTION Operational Hydro Testing
FORM OF ACTIVITY RELEASED Z	CONTENT OF RELEASE Z	AMOUNT OF ACTIVITY NA	LOCATION OF RELEASE NA	

### PERSONNEL EXPOSURES

NUMBER 13 0 0 0	TYPE Z	DESCRIPTION NA
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### PERSONNEL INJURIES

NUMBER 14 0 0 0	DESCRIPTION NA
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### OFFSITE CONSEQUENCES

15	NA	80
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### LOSS OR DAMAGE TO FACILITY

TYPE 16 Z	DESCRIPTION NA	80
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### PUBLICITY

17	NA	80
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### ADDITIONAL FACTORS

18	Event Desc. con't. - valve disc on 5 of 6 valves and lantern ring	80
19	on 2 of 6 valves. (RO 76-26)	80

NAME: D. Wilson PHONE: 319-851-5611