

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: J.G. Keppler

FROM: Iowa Elec Light & Power Co
Cedar Rapids, Iowa 52406
E.L. Hammond

DATE OF DOCUMENT

3-4-77

DATE RECEIVED

3-22-77

☒ LETTER
☐ ORIGINAL
☒ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

100

DESCRIPTION Ltr trans the following: 1P

DO NOT REMOVE

PLANT NAME: Duane Arnold Plant

ACKNOWLEDGED

DHL

ENCLOSURE Lic Event Report R0-77-14 occurring
on 2-19-77 regarding the installation of an
incorrect replacement solenoid valve... 1P

(1 cy encl rec'd)

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

FOR ACTION/INFORMATION

BRANCH CHIEF:

Lear

W/3 CYS FOR ACTION

LIC. ASST.:

Parrish

W/1 CYS

ACRS 16 CYS HOLDING/SENT

A, CATB

INTERNAL DISTRIBUTION

REG FILE

MRE FDR

I & E (2)

MIPC

SCHROEDER/IPFOLITO

HOUSTON

NOVAK/CHECK

GRIMES

CASE

BUTLER

HANAUER

TEDESCO/MACCARY

EISENHUT

BAER

SHAO

VOLLMER/BUNCH

KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Cedar Rapids, Ia

TIC:

NSIC:

CONTROL NUMBER

770820349 40 5
60

H. L. Hammond

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

March 4, 1977

DAEC -77 -155

REGULATORY DOCKET FILE COPY



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. 77-14
(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

MAR 7 1977

770820349

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 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	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	2	1	9	7	7	0	3	0	4	7	7	
7	8		57	58	59	60	61								68	69						74	75					80

EVENT DESCRIPTION

02	During maintenance an incorrect replacement solenoid valve was installed																								80
03	d. The valve controls the reactor building to torus vacuum breaker, CV-																								80
04	4304. The vendor produces two valves under the same part number-1 with																								80
05	an AC coil and 1 with a DC coil. The incorrect solenoid coil was installed																								80
06	lled. The original solenoid valve was reinstalled. (RO 77-14)																								80

SYSTEM CODE				CAUSE CODE		COMPONENT CODE						PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER				VIOLATION	
07	S	H	A	V	A	L	V	E	X	H	A	6	1	0	Y				
7	8	9	10	11	12				17	43				47	48				

CAUSE DESCRIPTION

08	Maintenance personnel did not verify the solenoids name plate data was																								80
09	consistent with circuit requirements which resulted in an AC coil being																								80
10	installed in a DC circuit. Involved personnel were advised of the pote																								80

FACILITY STATUS				% POWER				OTHER STATUS						METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
11	E	0	8	4	NA						B	NA									
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

15	NA																								80
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LOSS OR DAMAGE TO FACILITY

TYPE				DESCRIPTION																			
16	Z	NA																					
7	8	9	10	80																			

PUBLICITY

17	NA																								80
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ADDITIONAL FACTORS

18	Cause desc. - ntial problems created by not verifying all part name																								80
19	plate data is compatible with design requirements prior to installation.																								80

NAME: J. Van Sickel

PHONE: 319-851-5611