

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO:

Mr. James G. Keppler

FROM:

Iowa Electric Light & Power Company
Cedar Rapids, Iowa
Ellery L. Hammond

DATE OF DOCUMENT

2/11/77

DATE RECEIVED

2/23/77

☒ LETTER☐ ORIGINAL☒ COPY☐ NOTORIZED☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

One signed copy

DESCRIPTION

Ltr. trans the following:

PLANT NAME:

Duane Arnold

(1-P)

ENCLOSURE

Licensee Event Report (RO 50-331/76-75) on
11/4/76 (update report) concerning a faulty
fuel line fitting causing a small fire to break
out on diesel generator 1G-21.....**DO NOT REMOVE**
ACKNOWLEDGEDNOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION 2/23/77

RJL

☒ BRANCH CHIEF: Lear

☒ W/3 CYS FOR ACTION

☒ LIC. ASST.: Parrish

☒ W/ CYS

☒ ACRS 16 CYS HOLDING SENT: *Car. B. (2/23/77)*

INTERNAL DISTRIBUTION

☒ REG FILE

☒ NRC PDR

☒ I & E (2)

☒ MIPC

☒ SCHROEDER/IPPOLITO

☒ HOUSTON

☒ NOVAK/CHECK

☒ GRIMES

☒ CASE

☒ BUTLER

☒ HANAUER

☒ TEDESCO/MACCARY

☒ EISENHUT

☒ BAER

☒ SHAO

☒ VOLLMER/BUNCH

☒ KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

☒ LPDR: Cedar Rapids, Iowa

☒ TIC:

☒ NSIC:

CONTROL NUMBER

1856

D. L. Hammond

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
February 11, 1977
DAEC - 77 - 104

REGULATORY DOCKET FILE COPY

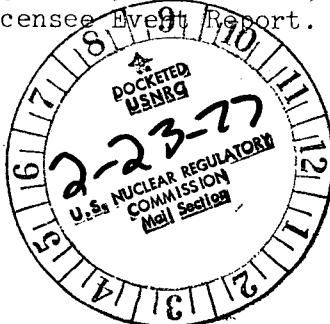
Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission-Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

Subject: Licensee Event Report No. 76-75 UPDATE REPORT
(14 day) PREVIOUS REPORT DATE 111076

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/DLW/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



FEB 14 1977

1856

LICENSEE EVENT REPORT

UPDATE REPORT -
PREVIOUS REPORT DATE
111076

CONTROL BLOCK: 1 2 3 4 5 6

(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 1 1 0 4 7 6				REPORT DATE 0 2 0 8 7 7			

EVENT DESCRIPTION

02 During testing, small fire broke out on diesel generator 1G-21. Diesel																																																																															
03 immediately shut-down. Fire extinguished, no damage. Other diesel and as																																																																															
04 sociated ECCS were operable. Faulty fuel line fitting replaced. Design																																																																															
05 change will strengthen and stabilize overall integrity of fuel header																																																																															
06 piping on both diesels. Tubing hanger to be added to fuel line to reduc																																																																															

SYSTEM CODE E E		CAUSE CODE B		COMPONENT CODE P I P E X X				PRIME COMPONENT SUPPLIER A		COMPONENT MANUFACTURER A 0 1 0				VIOLATION N	
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CAUSE DESCRIPTION

08 Hairline fracture on fuel line fitting caused fuel to spray on exhaust																																																																															
09 header and ignite. Other fittings inspected, no fractures observed.																																																																															
10 Design did not adequately account for loading and vibration.																																																																															

FACILITY STATUS E		% POWER 0 7 0		OTHER STATUS NA		METHOD OF DISCOVERY B		DISCOVERY DESCRIPTION Operability Test																																																																							
FORM OF ACTIVITY RELEASED Z		CONTENT OF RELEASE Z		AMOUNT OF ACTIVITY NA		LOCATION OF RELEASE NA																																																																									

PERSONNEL EXPOSURES

NUMBER 0 0 0		TYPE Z		DESCRIPTION NA																																																																											
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PERSONNEL INJURIES

NUMBER 0 0 0		DESCRIPTION NA																																																																											
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OFFSITE CONSEQUENCES

15 NA																																																																															
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LOSS OR DAMAGE TO FACILITY

TYPE Z		DESCRIPTION NA																																																																											
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PUBLICITY

17 NA																																																																															
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ADDITIONAL FACTORS

18 Event Desc. - e vibration. Fuel line tubing thickness to be increased.																																																																															
19 Work to be performed when parts are received. (RO 76-75)																																																																															

NAME: J. Van Sickle

PHONE: 319-851-5611