

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
INCIDENT REPORT

TO: Mr J G Keppler

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

DATE OF DOCUMENT
2-3-77

DATE RECEIVED 2-8-77

LETTER
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 UNCLASSIFIED

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DESCRIPTION

Ltr trans the following:

ACKNOWLEDGED

1p

DO NOT REMOVE

PLANT NAME: Duane Arnold #1

ENCLOSURE

Up-date to Licensee Event Report (RO#76-64)
on 10-7-76 which concerned broken lower drive
coupling hub in standby diesel generator 1G-21
.....

1p

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

FOR ACTION/INFORMATION 2-10-77 ehf

BRANCH CHIEF:	<i>Leav</i>
W/3 CYS FOR ACTION	
LIC. ASST.:	<i>Parrish</i>
W/ CYS	
ACRS CYS HOLDING/SENT	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE				
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<input checked="" type="checkbox"/> VOLLMER/BUNCH				
<input checked="" type="checkbox"/> KREGER/J. COLLINS				

EXTERNAL DISTRIBUTION

LPDR: <i>Cedar Rapids, Ia</i>	
TIC:	
NSIC:	

CONTROL NUMBER

1174 *R*
oio

Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
February 3, 1977
DAEC - 77 - 93



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. 76-64 UPDATE REPORT -
(14 day) PREVIOUS REPORT DATE 102176

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,

Elbery L. Hammond

Elbery L. Hammond
Chief Engineer
Duane Arnold Energy Center

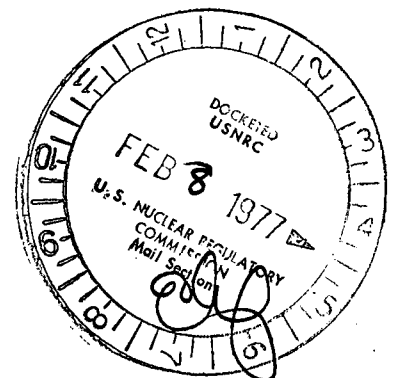
Docket 50-331

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



1174

W. Hammond

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
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Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/DLW/mg

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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 7 1977

LICENSEE EVENT REPORT

UPDATE REPORT - PREVIOUS
REPORT DATE 102176

CONTROL BLOCK:

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[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											26				30	31	32		
01 CONT		CATEGORY		REPORT TYPE	REPORT SOURCE	DOCKET NUMBER					EVENT DATE			REPORT DATE												
01				T	L	0	5	0	-	0	3	3	1	1	0	0	7	7	6	0	2	0	2	7	7	
7	8		57	58	59	60	61				68	69			74	75				80					80	

EVENT DESCRIPTION

02	During annual inspection, standby diesel generator 1G-21 found to have																							80
03	broken lower drive coupling hub. Redundant diesel generator operable.																							80
04	Hub replaced by one of proper material. Total of 3 out of 4 hubs on																							80
05	both diesels replaced as result of wrong material. Operability test																							80
08	performed on both diesels following maintenance. (RO 76-64)																							80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION		
07	E	E	E	E	N	G	I	N	E	A	C	4	7	0	Y
7	8	9	10	11	12				17	43	44		47		48

CAUSE DESCRIPTION

08	Failure apparently result of wrong material																							80
09	used during manufacture. Gray cast iron used instead of malleable cast																							80
10	iron. Vendor field inspection confirmed 3 out of 4 hubs on both diesels																							80

FACILITY STATUS		% POWER			OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	E	0	9	4	NA				B	Surveillance Test Annual Insp.				
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	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. Cont. - were wrong material. Lower coupling Part #16-300-328.																							80
19	Fairbanks Morse Engine S/N 38D871077TD																							80

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