

50-331

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

1/18/77

DATE RECEIVED

1/24/77

☒ LETTER☐ NOTORIZED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

☐ ORIGINAL☒ UNCLASSIFIED☒ COPY

One signed

DESCRIPTION

Ltr. trans the following:

(1-P)

PLANT NAME:

Duane Arnold

ENCLOSURE

Licensee Event Report (RO 50-331/76-92) on
12/27/76 concerning "B" MSIV leakage control
system heater not reaching 450 degrees in an
acceptable period of time due to condensate
in system...

(1-P)

ACKNOWLEDGED

DO NOT REMOVE

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

FOR ACTION/INFORMATION 1/25/77

RJL

<input checked="" type="checkbox"/>	BRANCH CHIEF:	Lear	
<input checked="" type="checkbox"/>	W/3 CYS FOR ACTION		
<input checked="" type="checkbox"/>	LIC. ASST.:	Parrish	
<input checked="" type="checkbox"/>	W/ CYS		
<input checked="" type="checkbox"/>	ACRS /6 CYS HOLDING/SENT:	Cat. B. (1/25/77)	

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/>	REG FILE			
<input checked="" type="checkbox"/>	NRC PDR			
<input checked="" type="checkbox"/>	I & E (2)			
<input checked="" type="checkbox"/>	MIPC			
<input checked="" type="checkbox"/>	SCHROEDER/IPPOLITO			
<input checked="" type="checkbox"/>	HOUSTON			
<input checked="" type="checkbox"/>	NOVAK/CHECK			
<input checked="" type="checkbox"/>	GRIMES			
<input checked="" type="checkbox"/>	CASE			
<input checked="" type="checkbox"/>	BUTLER			
<input checked="" type="checkbox"/>	HANAUER			
<input checked="" type="checkbox"/>	TEDESCO/MACCARY			
<input checked="" type="checkbox"/>	EISENHUT			
<input checked="" type="checkbox"/>	BAER			
<input checked="" type="checkbox"/>	SHAO			
<input checked="" type="checkbox"/>	VOLLMER/BUNCH			
<input checked="" type="checkbox"/>	KREGER/J. COLLINS			

EXTERNAL DISTRIBUTION

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

CONTROL NUMBER

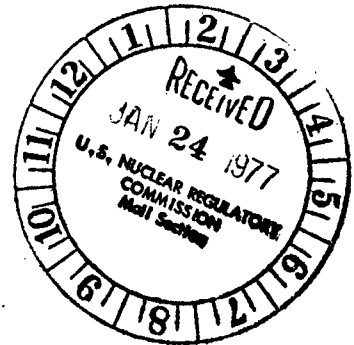
792

R 2/0

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
January 18, 1977
DAEC - 77 - 39

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. 76-92
(30 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)

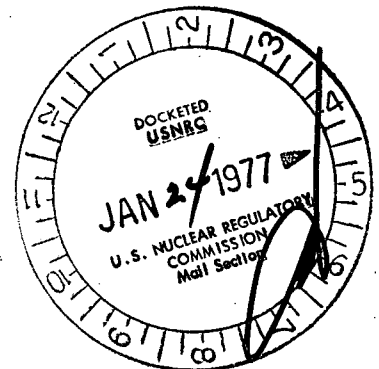
Very truly yours,

Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331
attachment

cc: Director, Office of Inspection and Enforcement (30)
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



Regulatory Docket File

792

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	0	0	4	1	1	1	1	0	3			
7	8	9	14	15	25	26	30	31	32																	
01		CATEGORY		REPORT TYPE		REPORT SOURCE		DOCKET NUMBER					EVENT DATE					REPORT DATE								
01	CON'T			L	L			0	5	0	0	3	3	1	1	2	2	7	7	6	0	1	1	4	7	7
7	8	57	58	59	60	61	68	69	74	75	80															

EVENT DESCRIPTION

02	During surveillance testing "B" MSIV leakage control system heater did	80
03	not reach 450 degrees in an acceptable period of time due to condensate	80
04	in system. Valves manually seated, the water removed and the system i	80
05	s now operable. Occurrence did not present an unsafe plant condition as	80
06	operation is allowed for 30 days with 1 subsystem inop. (RO 76-92)	80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE					PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER					VIOLATION	
07	S	D	E	V	A	L	V	E	X	N	A	3	9	5	N		
7	8	9	10	11	12	17	43	44	47	48							

CAUSE DESCRIPTION

08	(See RO 76-86) MOV's 8401B and 8402B were not manually seated after the	80
09	surveillance test due to suspected radiation levels in the steam tunnel	80
10	. Tunnel was later entered and the valves seated. Future surveillance t	80

FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION					
11	E	0	7	9	NA	B		Surveillance Test					
7	8	9	10	12	13	44	45	46	60				
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

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	Cause Desc. Cont. - ests will be scheduled when entry into the steam	80
19	tunnel is allowable.	80

NAME: J. Van Sickel PHONE: 319-851-5611

D. Latham

IOWA ELECTRIC LIGHT AND POWER COMPANY

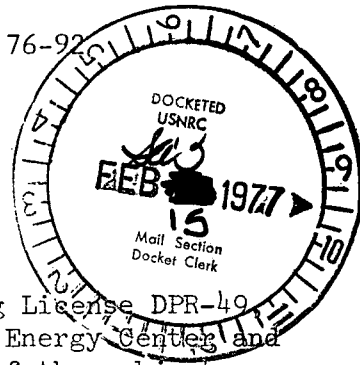
DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
January 18, 1977
DAEC - 77 - 39



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. 76-92
(30 day)

File: A-118a



Dear Mr. Keppler:

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Very truly yours,

Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331
attachment

cc: Director, Office of Inspection and Enforcement (30)
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

1594

JAN 24 1977

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	4	1	1	1	1	0	3			
7	8	9				14	15										25	26				30	31	32		
CATEGORY			REPORT TYPE		REPORT SOURCE		DOCKET NUMBER										EVENT DATE					REPORT DATE				
01	CONT				L	L	0	5	0	-	0	3	3	1	1	2	2	7	7	6	0	1	1	4	7	7
7	8		57	58	59	60	61									68	69				74	75				80

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11	C		0	7	9						NA	B		Surveillance Test											
7	8	9	10	11	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	12							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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