

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 1122

FILE: INCIDENT FILE

FROM: IOWA ELECTRIC LIGHT POWER CO. . . . CEDAR RAPIDS, IO G G HUNT		DATE OF DOC 1-30-76	DATE REC'D 2-5-76	LTR XX	TWX	RPT	OTHER
TO: MR JAMES G. KEPPLER		ORIG	CC 40	OTHER	SENT NRC PDR SENT LOCAL PDR		XX XX
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 40	DOCKET NO: 50-331		

DESCRIPTION:  
LTR TRANS THE FOLLOWING.....

PLANT NAME: DUANE ARNOLD

ENCLOSURES:  
LICENSEE EVENT REPORT RO-50-331/7603  
ON 1-11-76 RE MCPR CONTROL ROD PATTERN  
EXCEEDED TECH SPEC.....

(40 CY OF ENCL RECD)

FOR ACTION/INFORMATION 2-6-76 RKB

- BRANCH CHIEF LEAR (3)
- LIC. ASST. PARRISH W/16 cys AGRS

**DO NOT REMOVE  
ACKNOWLEDGED**

INTERNAL DISTRIBUTION

- REG FILE
- REG PDR
- T&E (2)
- MIPC (3)
- SCHRODER/IPPOLITO
- HOUSTON
- NOVAK/CHECK
- CRIMES/SCHWENCER
- CASE
- F. WILLIAMS
- HANAUER
- PEDESCO/MACCARY
- EISENHUT
- BAER
- SHAO
- VOLLMER/BUNCH
- KREGER/J. COLLINS

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

EXTERNAL DISTRIBUTION

- LOCAL PDR CEDAR RAPIDS, IO
- TIC
- NSIC

2

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

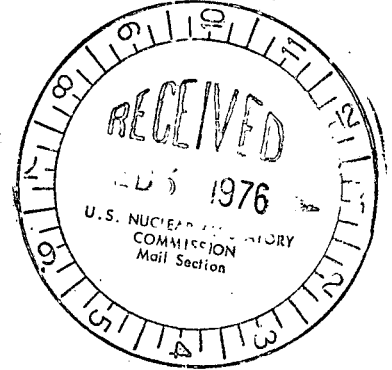
Cedar Rapids, Iowa 52406

January 30, 1976

DAEC - 76 - 25

## Regulatory Docket File

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. 76-003  
(14 day)

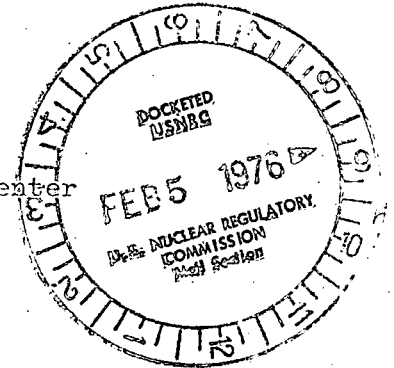
File: A-118a

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  
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

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

# LICENSEE EVENT REPORT

CONTROL BLOCK: 

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[PLEASE PRINT ALL REQUIRED INFORMATION]

LICENSEE NAME: I A D A C L														LICENSE NUMBER: 0 0 - 0 0 0 0 0 - 0 0										LICENSE TYPE: 4 1 1 1				EVENT TYPE: 0 1			
CATEGORY: 57 58														REPORT TYPE: L		REPORT SOURCE: L		DOCKET NUMBER: 0 5 0 - 0 3 3 1						EVENT DATE: 0 1 1 1 7 6				REPORT DATE: 0 1 2 8 7 6			

### EVENT DESCRIPTION

01	7	8	9	During fuel preconditioning ramp following control rod pattern adjustment MCPR reached 1.459 (limit 1.467) at 0830 hours. Four control rods immediately inserted one notch to return MCPR within limits by 0854 hours.																																																																														80
01	7	8	9	(RO 76-003)																																																																														80

SYSTEM CODE: R C		CAUSE CODE: D		COMPONENT CODE: Z Z Z Z Z				PRIME COMPONENT SUPPLIER: Z		COMPONENT MANUFACTURER: Z 9 9 9			VIOLATION: Y																																																													
07	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### CAUSE DESCRIPTION

01	7	8	9	Nonequilibrium xenon and strong bottom peaked flux shape during power increase caused MCPR to increase beyond limit. Reactor Engineering will provide more specific instructions for power maneuvers following rod																																																																														80
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FACILITY STATUS: F		% POWER: 0 7 0				OTHER STATUS: NA				METHOD OF DISCOVERY: B		DISCOVERY DESCRIPTION: Normal Shift Surveillance																																																														
FORM OF ACTIVITY RELEASED: Z		CONTENT OF RELEASE: Z		AMOUNT OF ACTIVITY: NA				LOCATION OF RELEASE: NA																																																																		
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### PERSONNEL EXPOSURES

NUMBER: 0 0 0		TYPE: Z		DESCRIPTION: NA																																																																						
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### PERSONNEL INJURIES

NUMBER: 0 0 0		DESCRIPTION: NA																																																																								
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### OFFSITE CONSEQUENCES

DESCRIPTION: NA																																																																										
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### LOSS OR DAMAGE TO FACILITY

TYPE: Z		DESCRIPTION: NA																																																																								
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### PUBLICITY

DESCRIPTION: NA																																																																										
11	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80

### ADDITIONAL FACTORS

01	7	8	9	Cause Description (cont.) - adjustments to minimize transients. This event actually a continuation of same transient causing RO 76-002.																																																																														80
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NAME: K. Haas/D. Wilson

PHONE: 319-851-5611