

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO:
Mr. James G. Keppler

FROM:
Iowa Electric Light & Power Co.
Cedar Rapids, Iowa
G. G. Hunt

DATE OF DOCUMENT
11/24/76

DATE RECEIVED
12/2/76

LETTER
 ORIGINAL
 COPY

NOTORIZED
 UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED
One signed copy

DESCRIPTION

Ltr. trans the following:

DO NOT REMOVE

ACKNOWLEDGED (1-P)

PLANT NAME:
Duane Arnold

ENCLOSURE

Licensee Event Report (RO 50-331/76-73) on 10/29/76 concerning CPR being found to be below tech spec limit when an LPRM calibration was run.

(1-P)

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

FOR ACTION/INFORMATION 12/2/76 RJL

BRANCH CHIEF: Lear

W/3 CYS FOR ACTION

LIC. ASST.: Parrish

W/ CYS

ACRS 16 CYS HOLDING/SENT TO *Car. B. (12/2/76)*

INTERNAL DISTRIBUTION

- REG FILE
- NRC PDR
- I & E (2)
- MIPC
- SCHROEDER/IPPOLITO
- HOUSTON
- NOVAK/CHECK
- GRIMES
- CASE
- BUTLER
- HANAUER
- TEDISCO/MACCARY
- EISENHUT
- BAER
- SHAO
- VOLLMER/BUNCH
- KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

LPDR: Cedar Rapids, Iowa

TIC:

NSIC:

CONTROL NUMBER

12170 a/ok

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

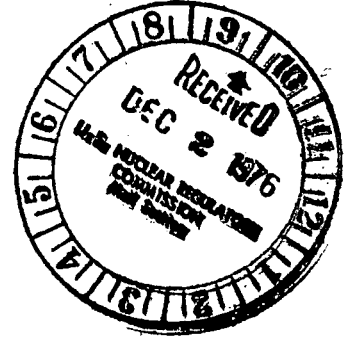
Cedar Rapids, Iowa 52406

November 24, 1976

DAEC - 76 - 371

50-331

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. 76-73
(30 day)

File: A-118a

REGULATORY DOCKET FILE 50-331

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 ELH

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

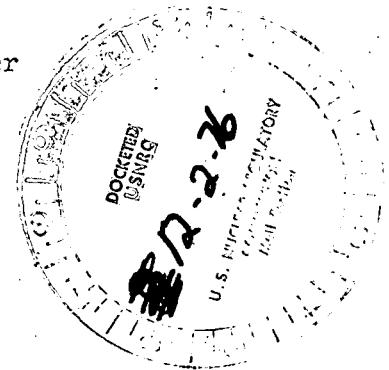
Docket 50-331

attachment

GGH/DLW/mg

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



12170

LICENSEE EVENT REPORT

CONTROL BLOCK:

[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	0	2	9	7	6	1	1	2	4	7	6
7	8			57	58	59	60	61							68	69				74	75				80

EVENT DESCRIPTION

02	Following power increase from 859 MWt to 924 MWt, an LPRM calibration w																							80
03	as run and CPR was found to be 1.620, below the Technical Specification																							80
04	MCPR limit of greater than or equal to 1.663. The operator drove rods																							80
05	and increased CPR to 1.691. Also see RO 76-70. (RO 76-73)																							80
06																								80

SYSTEM CODE		CAUSE CODE		COMPONENT CODE				PRIME COMPONENT SUPPLIER		COMPONENT MANUFACTURER			VIOLATION	
07	R	B	F	Z	Z	Z	Z	Z	Z	Z	9	9	9	Y
7	8	9	10	11	12				17	43	44		47	48

CAUSE DESCRIPTION

08	NSSS vendor supplied rod pattern was not conducive to transient operati																							80
09	on. During power increase the rod pattern produced a more uneven power																							80
10	distribution than desired. The reactor is now being operated with a new																							80

FACILITY STATUS		% POWER			OTHER STATUS				METHOD OF DISCOVERY		DISCOVERY DESCRIPTION			
11	F	0	5	7	NA				A	NA				
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					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. cont. - rod pattern, more conservative limits are																							80
19	being used, and LPRM calibrations are being run more frequently.																							80

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