

50-331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

INCIDENT REPORT

TO: J.G. KEPPLER

FROM: IOWA ELEC. LIGHT & PWR. CO.
CEDAR RAPIDS, IOWA.
B.G. HUNT

DATE OF DOCUMENT

12/30/76

DATE RECEIVED

1/5/77

☐ LETTER
☒ ORIGINAL
☐ COPY☐ NOTORIZED
☒ UNCLASSIFIED

PROP

INPUT FORM

NUMBER OF COPIES RECEIVED

30

DESCRIPTION

LTR. TRANS THE FOLLOWING.....

PLANT NAME: DUANE ARNOLD

ENCLOSURE

LICENSEE EVENT REPORT FOR RO.# 76-89, ON
12/20/76 CONCERNING HPCI TURBINE TRIPPING ON
FAST START WITH HIGH FLOW INDICATION.....(30 CARBON SIGNED CYS.. RECEIVED)
(2 PAGES)**DO NOT REMOVE
ACKNOWLEDGED**NOTE: IF PERSONNEL EXPOSURE IS INVOLVED
SEND DIRECTLY TO KREGER/J. COLLINS

FOR ACTION/INFORMATION

SAB 1/7/77

☒ BRANCH CHIEF: LEAR
☒ W/3 CYS FOR ACTION
☒ LIC. ASST.: PARRISH
☒ W/ CYS
☒ ACRS 16 CYS ~~XXXXXX~~/SENT**CATEGORY-B DOCUMENT
F/INFO ACRS**

INTERNAL DISTRIBUTION

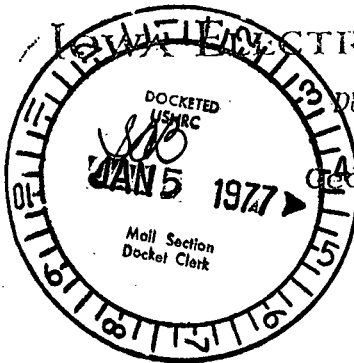
☒ **REG FILE**
☒ NRC PDR
☒ I & E (2)
☒ MIPC
☒ SCHROEDER/IPPOLITO
☒ HOUSTON
☒ NOVAK/CHECK
☒ GRIMES
☒ CASE
☒ BUTLER
☒ HANAUER
☒ TEDESCO/MACCARY
☒ EISENHUT
☒ BAER
☒ SHAO
☒ VOLLMER/BUNCH
☒ KREGER/J. COLLINS

EXTERNAL DISTRIBUTION

☒ LPDR: CEDAR RAPIDS, IOWA
☒ TIC:
☒ NSIC:

CONTROL NUMBER

130



DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

December 30, 1976

DAEC - 76 - 425



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. R0 76-89
(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 ELH
G. G. Hunt

Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

GGH/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

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT ALL REQUIRED INFORMATION)

LICENSEE NAME I A D A C 1										LICENSE NUMBER 0 0 - 0 0 0 0 0 0 - 0 0										LICENSE TYPE 4 1 1 1 1					EVENT TYPE 0 1								
CATEGORY CON'T										REPORT TYPE T		REPORT SOURCE L		DOCKET NUMBER 0 5 0 - 0 3 3 1										EVENT DATE 1 2 2 0 7 6					REPORT DATE 1 2 3 0 7 6				

EVENT DESCRIPTION

During surveillance testing HPCI turbine tripped on fast start with high flow indication. Other ECCS subsystems were demonstrated to be operable. High flow PDIS setpoints were corrected and HPCI system tested satisfactory. (RO 76-89)																																																																															
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SYSTEM CODE S F										CAUSE CODE D		COMPONENT CODE Z Z Z Z Z Z Z										PRIME COMPONENT SUPPLIER Z		COMPONENT MANUFACTURER Z 9 9 9										VIOLATION Y	
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CAUSE DESCRIPTION

Surveillance test performed 3 days prior to event date inserted new PDIS setpoints. The new PDIS setpoints were reversed due to procedural deficiency. Procedure corrected. Due to the necessity of expediting a T																																																																															
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FACILITY STATUS E										% POWER 0 8 1										OTHER STATUS NA										METHOD OF DISCOVERY B										DISCOVERY DESCRIPTION Surveillance Test									
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FORM OF ACTIVITY RELEASED Z										CONTENT OF RELEASE Z										AMOUNT OF ACTIVITY NA										LOCATION OF RELEASE NA									
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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

NA																																																																															
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LOSS OR DAMAGE TO FACILITY

TYPE Z										DESCRIPTION NA									
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PUBLICITY

NA																																																																															
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ADDITIONAL FACTORS

Cause Desc. Cont. - Each Spec change the complete design change including post modification testing was not completed when this setpoint was changed.																																																																															
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NAME: J. Van Sickel

PHONE: 319-851-5611

R. Lankham

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

December 30, 1976

DAEC - 76 - 425

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. RO 76-89
(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 ELH

G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

GGH/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

JAN 4 1977

LICENSEE EVENT REPORT

CONTROL BLOCK: 1 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 CON'T	REPORT TYPE T	REPORT SOURCE L	DOCKET NUMBER 0 5 0 - 0 3 3 1
EVENT DATE 1 2 2 0 7 6	REPORT DATE 1 2 3 0 7 6		

EVENT DESCRIPTION

02	During surveillance testing HPCI turbine tripped on fast start with hig	80
03	h flow indication. Other ECCS subsystems were demonstrated to be opera	80
04	ble. High flow PDIS setpoints were corrected and HPCI system tested sat	80
05	isfactory. (RO 76-89)	80
06		80

SYSTEM CODE S F	CAUSE CODE D	COMPONENT CODE Z Z Z Z Z Z	PRIME COMPONENT SUPPLIER Z	COMPONENT MANUFACTURER Z 9 9 9	VIOLATION Y
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CAUSE DESCRIPTION

08	Surveillance test performed 3 days prior to event date inserted new PDI	80
09	S setpoints. The new PDIS setpoints were reversed due to procedural de	80
10	ficiency. Procedure corrected. Due to the necessity of expediting a T	80

FACILITY STATUS E	% POWER 0 8 1	OTHER STATUS NA	METHOD OF DISCOVERY B	DISCOVERY DESCRIPTION Surveillance 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	80
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LOSS OR DAMAGE TO FACILITY

TYPE Z	DESCRIPTION NA
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PUBLICITY

17	NA	80
--	----	----

ADDITIONAL FACTORS

18	Cause Desc. Cont. - ech Spec change the complete design change including	80
19	post-modification testing was not completed when this setpoint was changed.	80

NAME: J. Van Sickle

PHONE: 319-851-5611