AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL (TEMPORARY FORM)

13045 CONTROL NO:_

FILE:						•
Ell E						
	r	•	•	_		•
		•	1	r-	-	

FROM: Iowa Electric Light & Power			rDATE OF DOC	DATE REC'D		LTR	TWX	RPT	OTHER
C	co. Cedan	r Rapids, Iowa		12-27-74		xxxx			
TO:			ORIG	CC	OTHER	SE	SENT AEC PDRxxxxx		
Mr. James G. Kepller			1-signed			SENT LOCAL PDRXXXX			<u> </u>
CLASS	UNCLASS	PROP INFO	INPUT	ио с,	NO CYS REC'D DOCKET NO		NO:		
	xxxxx			1			50-3	331	

DESCRIPTION:

Ltr Trans the Following:

ENCLOSURES:

Abnormal Occurrence (Supplemental Report) 74-46A on 9-15 and 9-22-74 concerning the Core Spraypump start timer setting..

ACKNOWLEDGED DO NOT REMOVE

Duan	e Arnold #1 F	OR ACTION/INFORM	IATION	12-28-74	JGB
BUTLER (L) W/ Copies CLARK (L) W/ Copies PARR (L) W/ Copies KNIEL (L) W/ Copies	SCHWENCER (L) W/ Copies STOLZ (L) W/ Copies VASSALLO (L) W/ Copies PURPLE (L) W/ Copies	ZIEMANN (L) W/ Copies DICKER (E) W/ Copies KNIGHTON (E) W/ Copies YOUNGBLOOD (E) W/ Copies	REGAN (E) W/ Copies W/ Copies W/ Copies W/ Copies		

w/ Copies	W/ Copies	VV/ Copies	VII Ouples	
		INTERNAL DISTRIE	BUTION	
VREG FILE	TECH REVIEW	DENTON GRIMES	LIC ASST	A/T IND BRAITMAN
AEC PDR OGC, ROOM P-506A MUNTZING/STAFF	SCHROEDER MACCARY	GAMMILL KASTNER	DIGGS (L) GEARIN (L)	SALTZMAN B. HURT
CASE GIAMBUSSO	ANIGHT PAWLICKI	BALLARD SPANGLER	GOULBOURNE (L) KREUTZER (E)	PLANS
BOYD MOORE (L) (BWR) DEYOUNG (L) (PWR)	SHAO STELLO HOUSTON	ENVIRO MULLER	LEE (L) MAIGRET (L) REED (E)	MCDONALD CHAPMAN DUBE w/input
SKOVHOLT (L) GOLLER (L)	ROSS	DICKER KNIGHTON	SERVICE (L) SHEPPARD (L)	E. COUPE
P. COLLINS DENISE	APPOLITO TEDESCO	YOUNGBLOOD REGAN	SLATER (E) SMITH (L)	✓D. THOMPSON (2) ✓ELECKER ✓EISENHUT
FILE & REGION (3)	LONG LAINAS	PROJECT LDR HARLESS	YEETS (L) WILLIAMS (E) WILSON (L)	VEISENTIO I
MØRRIS STEELE	BENAROYA WOLIMER	nancess .	WIESON (E)	// 14

LOCAL PDR Cedar Rapids, Io

TIC (ABERNATHY) (1)(2)(10) - NATIONAL LABS_

- ASLBP(E/W Bldg, Rm 529) - NSIC (BUCHANAN)

- W. PENNINGTON, Rm E-201 GT 1 - ASLB - B&M SWINEBROAD, Rm E-201 GT 1 — Newton Anderson

THE ACRS THOUSENED 1 -- CONSULTANTS

NEWMARK/BLUME/AGBABIAN

EXTERNAL DISTRIBUTION

1 - PDR-SAN/LA/NY

1 - BROOKHAVEN NAT LAB

1 - G. ULRIKSON, ORNL

1 - AGMED (RUTH GUSSMAN) 'Rm B-127 GT

1 - R. D. MUELLER, Rm:E-201 GT

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER
PALO, IOWA
DECEMBER 20, 1974
DAEC - 74 - 424

Mr. James G. Keppler, Director Regulatory Operations Regional Office U. S. Atomic Energy Commission 799 Roosevelt Road Glen Ellyn, Illinois 60137

SUBJECT: Abnormal Occurrence No. 46A

FILE: A-110

A-118a

Dear Mr. Keppler:

In accordance with Appendix A to the Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a Supplemental Report on the subject abnormal occurrence.

Very truly yours,

G. G. Hunt Chief Engineer

Duane Arnold Energy Center

DLW:GGH:pd Enclosure

CC: E. G. Case

C. W. Sandford

J. A. Wallace

E. L. Hammond

B. R. York

R. R. Rinderman

L. D. Root

H. W. Rehrauer - Chairman, Safety Committee

G. A. Cook

D. L. Wilson

J. R. Newman

B. L. Hopkins

13045

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

Subject:

Abnormal Occurrence (Supplemental Report)

Report Number:

A0 50-331/74-46A

Report Date:

December 18, 1974

Occurrence Dates:

September 15 and 22, 1974

Facility:

Duane Arnold Energy Center, Unit #1, Palo, Iowa

The following information is intended to be a complete report and supplements information presented in the preliminary report.

Identification of Occurrences

Core Spray pump start timer setting, reportable in accordance with Appendix A to Operating License DPR-49, Specification 1.0.4.a and Table 3.2-B.

Description of Occurrences

During the performance of Surveillance Test Procedure 42B010 - Core Spray Trip System Logic Functional Test and Calibration, it was determined that the setting of Core Spray Timer E21-K16A was 5.6 seconds. Considering an instrument tolerance of 0.5 seconds, the Technical Specification limit for the Core Spray Timers is 5 + .5 seconds.

NOTE:

At the time of the occurrences, the allowable instrument tolerance for the timers was not specified in plant documentation. Since they did not meet the Technical Specification Limit of 5 seconds during the Surveillance Test, the Preliminary Report to the USAEC indicated that both Core Spray Timers (E21-K16A and E21-K16B) were out-of-specification. However, subsequent to submittal of the Preliminary Report, it has been determined that the allowable instrument tolerance for the timers is \pm .5 seconds. Since the setpoint for E21-K-16B was determined to be 5.4 seconds during the surveillance test, E21-K16B was not out-of-specification as previously reported.

Designation of Apparent Cause of Occurrences

The apparent cause of each occurrence was instrument drift.

Analysis of Occurrences

It has been determined that the occurrences did not present an unsafe plant condition.

Corrective Action

Timers E21-K16A and E21-K16B were recalibrated and retested.

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on December 6, 1974. The Committee had previously concluded that the occurrences did not present a hazard to the health and safety of the public.

G. G. Hunt Chief Engineer

Duane Arnold Energy Center

DLW:GGH:bh