

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)**

CONTROL NO: 8595

FILE: \_\_\_\_\_

<b>FROM:</b> Iowa Electric Light & Power Co Cedar Rapids, IA GG Hunt		<b>DATE OF DOC</b>  8-14-74	<b>DATE REC'D</b>  8-21-74	<b>LTR</b>  X	<b>TWX</b>	<b>RPT</b>	<b>OTHER</b>
<b>TO:</b>  James Keppler		<b>ORIG</b>  1 signed	<b>CC</b>	<b>OTHER</b>	<b>SENT AEC PDR</b> XXX <b>SENT LOCAL PDR</b> XXX		
<b>CLASS</b>	<b>UNCLASS</b>	<b>PROP INFO</b>	<b>INPUT</b>	<b>NO CYS REC'D</b>	<b>DOCKET NO:</b>		
	XXX			1	50-331		
<b>DESCRIPTION:</b>  Ltr furn info re abnormal occurrence of 7-15-74 in which it was discovered that surveillance tests STP-41A004/41A017/42C004 had not been completed....				<b>ENCLOSURES:</b>  <b>DO NOT REMOVE</b>  <b>ACKNOWLEDGED</b>			
<b>PLANT NAME:</b> DUANE ARNOLD							
FOR ACTION/INFORMATION 8-21-74 GMC							

- |            |               |                |           |
|------------|---------------|----------------|-----------|
| BUTLER (L) | SCHWENCER (L) | ZIEMANN (L)    | REGAN (E) |
| W/ CYS     | W/ CYS        | W/ CYS         | W/ CYS    |
| CLARK (L)  | STOLZ (L)     | DICKER (E)     | ✓LEAR     |
| W/ CYS     | W/ CYS        | W/ CYS         | W/7 CYS   |
| FAHR (L)   | VASCILLO (L)  | KNIGHTON (E)   |           |
| W/ CYS     | W/ CYS        | W/ CYS         | W/ CYS    |
| KNIEL (L)  | PURPLE (L)    | YOUNGBLOOD (E) |           |
| W/ CYS     | W/ CYS        | W/ CYS         | W/ CYS    |

**INTERNAL DISTRIBUTION**

- |                     |                    |                |                 |                  |
|---------------------|--------------------|----------------|-----------------|------------------|
| <u>REG FILE</u>     | <u>TECH REVIEW</u> | <u>DENTON</u>  | <u>LIC ASST</u> | <u>A/T IND</u>   |
| ✓AEC PDR            | ✓HENDRIE           | GRIMES         | DIGGS (L)       | BRAITMAN         |
| ✓OGC                | ✓SCHROEDER         | GAMMILL        | GEARIN (L)      | SALTZMAN         |
| ✓MUNTZING/STAFF     | ✓MACCARY           | KASTNER        | GOULBOURNE (L)  | B. HURT          |
| ✓CASE               | ✓KNIGHT            | BALLARD        | KREUTZER (E)    |                  |
| GIAMBUSSO           | ✓PAWLICKI          | SPANGLER       | LEE (L)         | <u>PLANS</u>     |
| BOYD                | ✓SHAO              |                | MAIGRET (L)     | MCDONALD         |
| MOORE (L)(LWR-2)    | ✓STELLO            | <u>ENVIRO</u>  | REED (E)        | CHAPMAN          |
| ✓DEYOUNG (L)(LWR-1) | ✓HOUSTON           | MULLER         | SERVICE (L)     | DUBE w/input     |
| SKOVHOLT (L)        | ✓NOVAK             | DICKER         | SHEPPARD (L)    | E. COUPE         |
| GOLLER (L)          | ✓ROSS              | KNIGHTON       | SLATER (E)      |                  |
| P. COLLINS          | ✓IPPOLITO          | YOUNGBLOOD     | SMITH (L)       | ✓D. THOMPSON (2) |
| DENISE              | ✓TEDESCO           | REGAN          | ✓TEETS (L)      | ✓KLECKER         |
| ✓REG OPR            | ✓LONG              | PROJECT MGR    | WILLIAMS (E)    | ✓EISENHUT        |
| FILE & REGION (3)   | ✓LAINAS            |                | WILSON (L)      |                  |
| ✓MORRIS             | ✓BENAROYA          | <u>HARLESS</u> |                 |                  |
| ✓STEELE             | ✓VOLLMER           |                |                 |                  |

**EXTERNAL DISTRIBUTION**

- |                                          |                               |                         |
|------------------------------------------|-------------------------------|-------------------------|
| ✓1 - LOCAL PDR CEDAR RAPIDS, IA          | (1)(2)(10)-NATIONAL LABS      | 1-PDR-SAN/LA/NY         |
| ✓1 - TIC (ABERNATHY)                     | 1-ASLBP(E/W Bldg, Rm 529)     | 1-BROOKHAVEN NAT LAB    |
| ✓1 - NSIC (BUCHANAN)                     | 1-W. PENNINGTON, Rm E-201 GT  | 1-G. ULRIKSON, ORNL     |
| 1 - ASLB                                 | 1-B&M SWINEBROAD, Rm E-201 GT | 1-AGMED (RUTH GUSSMAN)  |
| ✓1 - P. R. DAVIS                         | 1-CONSULTANTS                 | Rm B-127 GT             |
| ✓5 - ACRS SENT TO LIC ASST TEETS 8-21-74 | NEWARK/BLUME/AGBABIAN         | 1-RD..MUELLER, Em F-309 |
|                                          |                               | GT                      |

LB

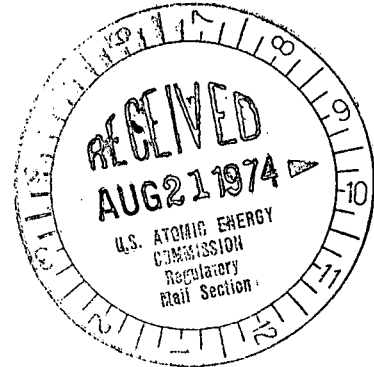
# IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
AUGUST 14, 1974  
DAEC - 74 - 264

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

50-331



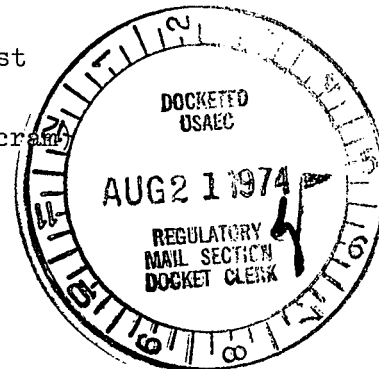
SUBJECT: Technical Specification Violation 74-5,  
License DPR-49, Duane Arnold Energy Center,  
Unit #1, Specifications 4.1.A.1 and 4.2.C  
of Appendix A to the Operating License.

REFERENCE: DAEC STP 41A004, IRM Trip Functional Test  
and Calibration.

DAEC STP 41A017, APRM High Flux (15% Scram)  
Functional Test and Calibration.

DAEC STP 42C004, SRM/IRM not in Startup  
Position Functional Test.

FILE: A-110  
A-117



Dear Mr. Keppler:

This letter is to report to you with respect to certain Technical Specification surveillance requirements at the Duane Arnold Energy Center.

## Problem

On July 15, 1974, it was noted that surveillance tests STP 41A004, STP 41A017, and STP 42C004 had not been completed prior to reactor startup on July 14, 1974.

## Investigation

On July 14, 1974, at 1814 hours a reactor scram occurred while Startup Test Instruction - 22 was being performed. Surveillance Test Procedures 41A004, 41A017 and 42C004 were not performed prior to starting up the reactor following the scram. The reactor was shutdown for approximately one hour after the scram before the pulling of the rods was again commenced.

AUG 16 1974

REGULATORY DOCKET FILE COPY

8595

8/14/74

The subject surveillance tests were not performed prior to the startup because of a previously undetected inconsistency between the Technical Specifications and Integrated Plant Operating Instructions (IPOI). The Technical Specifications require the subject tests be performed before each startup while the IPOI states that the tests do not have to be performed if the reactor shutdown was for less than 12 hours. Plant personnel depending on the IPOI for guidance did not perform the subjects tests.

There was no danger to the health and safety of the public because the functional tests had been performed approximately a week before and no maintenance had been performed on the instruments since the last functional test. In addition, there are a number of channels coming into the control room for each of these instruments and if one of them would have been performing incorrectly it could have been noted by the operator.

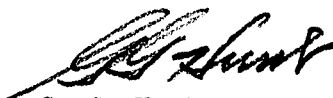
#### Corrective Actions

The Integrated Plant Operating Instructions have been revised to meet the requirements of the Technical Specifications.

#### Conclusion

The corrective action contained in this report was reviewed and approved by the DAEC Operations Committee on August 13, 1974. The Committee concluded that the violation did not present a significant hazard to the health and safety of the public.

Very truly yours,



G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

OCS:GGH:bh

CC: John O'Leary	H. W. Rehrauer-Chairman, Safety Committee
C. W. Sandford	L. D. Root
J. A. Wallace	J. R. Newman
E. L. Hammond	O. C. Schellberg
B. R. York	T. F. Bresaw
D. A. Moen	B. L. Hopkins
D. L. Wilson	File