

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL  
(TEMPORARY FORM)

CONTROL NO: 11967

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

|                                                                    |                 |                         |                        |                   |                                                      |     |                    |
|--------------------------------------------------------------------|-----------------|-------------------------|------------------------|-------------------|------------------------------------------------------|-----|--------------------|
| FROM: Iowa Electric Light & Power<br>Cedar Rapids, Iowa<br>GG Hunt |                 | DATE OF DOC<br>11-19-74 | DATE REC'D<br>11-23-74 | LTR<br>EX         | TWX                                                  | RPT | OTHER<br>FACSIMILE |
| TO:<br>Mr Keppler                                                  |                 | ORIG<br>NONE SIGNED     | CC                     | OTHER             | SENT AEC PDR <u>XXX</u><br>SENT LOCAL PDR <u>XXX</u> |     |                    |
| CLASS                                                              | UNCLASS<br>XXXX | PROP INFO               | INPUT                  | NO CYS REC'D<br>1 | DOCKET NO:<br>50-331                                 |     |                    |

DESCRIPTION:

Ltr re abnormal occurrence #74-49 on 11-18-74 concerning main steam line high radiation trip settings which differed from the limits established in Tech Specs.....

ENCLOSURES:

**DONOT REMOVE**

PLANT NAME: Duane Arnold

FOR ACTION INFORMATION

11-29-74 ehf

|                         |                            |                             |                        |
|-------------------------|----------------------------|-----------------------------|------------------------|
| BUTLER (L)<br>W/ Copies | SCHWENGER (L)<br>W/ Copies | ZIEMANN (L)<br>W/ Copies    | REGAN (E)<br>W/ Copies |
| CLARK (L)<br>W/ Copies  | STOLZ (L)<br>W/ Copies     | DICKER (E)<br>W/ Copies     | LEAR (L)<br>W/ Copies  |
| PARR (L)<br>W/ Copies   | VASSALLO (L)<br>W/ Copies  | KNIGHTON (E)<br>W/ Copies   |                        |
| KNIEL (L)<br>W/ Copies  | PURPLE (L)<br>W/ Copies    | YOUNGBLOOD (E)<br>W/ Copies |                        |

INTERNAL DISTRIBUTION

|                                                                                                                                                                                                                                                 |                                                                                                                                                                            |                                                                                                                                                                                       |                                                                                                                                                                                                                             |                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>REG FILE</u><br>AEC PDR<br>ASAC, ROOM F-508A<br>MUNTZING STAFF<br>CASE<br>GIAMBUSO<br>BOYD<br>MOORE (L) (BWR)<br>DEYOUNG (L) (PWR)<br>SKOVHOLT (L)<br>GOLLER (L)<br>P. COLLINS<br>DENISE<br>REG OPR<br>FILE & REGION (3)<br>MORRIS<br>STEELE | <u>TECH REVIEW</u><br>SCHROEDER<br>ACCARY<br>KNIGHT<br>PAWLICKI<br>CHAO<br>STELLO<br>HOUSTON<br>DOVAK<br>ROSS<br>POLITO<br>TEDESCO<br>LONG<br>KARNAS<br>MENAROYA<br>VOLIER | <u>DENTON</u><br>GRIGES<br>GAMMILL<br>KASTNER<br>BALLARD<br>SPANGLER<br><br><u>ENVIRO</u><br>MULLER<br>DICKER<br>KNIGHTON<br>YOUNGBLOOD<br>REGAN<br>PROJECT LDR<br><br><u>HARLESS</u> | <u>LIC ASST</u><br><br>DIGGS (L)<br>GEARIN (L)<br>GOULBOURNE (L)<br>KREUTZER (E)<br>LEE (L)<br>MAIGRET (L)<br>REED (E)<br>SERVICE (L)<br>SHEPPARD (L)<br>SLATER (E)<br>SMITH (L)<br>TEETS (L)<br>WILLIAMS (E)<br>WILSON (L) | <u>A/T IND</u><br>BRAITMAN<br>SALTZMAN<br>B. HURT<br><br><u>PLANS</u><br>MCDONALD<br>CHAPMAN<br>DUBE w/ Input<br>E. COUPE<br><br>THOMPSON (3)<br>FLECKER<br>EISENHUT |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|

EXTERNAL DISTRIBUTION

*AD Hc*

|                                 |                                     |                                |
|---------------------------------|-------------------------------------|--------------------------------|
| LOCAL PDR <i>Waterford, CN.</i> | 1 - NATIONAL LABS.                  | 1 - PDR SAN LARRY              |
| TIC (ALTERNATIVE) (11/21/74)    | 1 - ASLEP (E. E. E. Rm 529)         | 1 - BROOKHAVEN NAT LAB         |
| 1 - NSIC (BUCHANAN)             | 1 - W. PENNELL (E. E. Rm E-201 GT)  | 1 - G. ULRIKSON, ORNL          |
| 1 - ASLB                        | 1 - B&M SUMMITT (E. E. Rm E-201 GT) | 1 - AGMED (RUTH GUSMAN)        |
| 1 - Newton Anderson             | 1 - CONSULTANTS                     | Rm B-127 GT                    |
| ACRS HOLDING                    | REYNOLD BLIVE AGABIAN               | 1 - R. D. MUELLER, Rm E-107 GT |
| Sent to Lic Asst. <i>Teets</i>  |                                     |                                |

REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

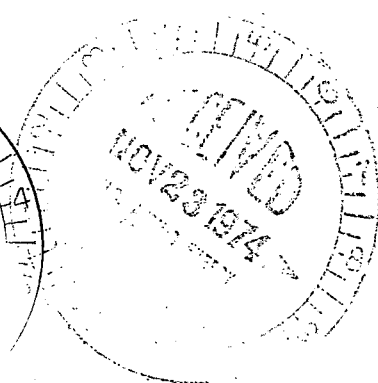
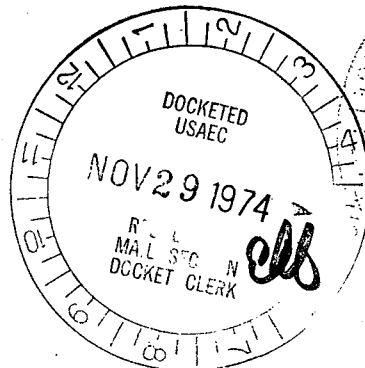
DUANE ARNOLD ENERGY CENTER

PALO, IOWA

NOVEMBER 19, 1974

DAEC - 74 - 395

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



SUBJECT: Abnormal Occurrence No. AO 50-331/74-49  
FILE: A-118a  
A-110

Dear Mr. Keppler:

In accordance with the DAEC Technical Specifications, Section 6.11.2A.1, this letter is intended as notification of an abnormal occurrence at the Duane Arnold Energy Center on November 18, 1974. This letter, telecopied to your office, is intended to satisfy the requirements for notification by telegram within 24 hours of the abnormal occurrence.

Identification of Occurrence

Main steam line high radiation trip settings, reportable in accordance with Appendix A, Operating License DPR-49, Specification 1.0.4.b, 3.1 and Table 3.1-1.

Description of Occurrence

On November 18, 1974, it was determined that the alarm and trip setpoints for the main steam line high radiation monitors were 3X and 6X normal rated power background levels respectively. In accordance with Table 3.1-1, the alarm and trip setpoints should have been 1.5X and 3X normal rated background levels respectively. The settings apparently were not readjusted on the first occasion reactor power reached 50 percent in accordance with note 14 to Table 3.1-1.

11367

11/19/74

Investigation is continuing.

A formal written report will be submitted to the Office of Directorate of Regulatory Operations within 10 days of the subject abnormal occurrence.

Very truly yours,



G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

DLW:GGH:bh

CC: E. G. Case  
C. W. Sandford  
J. A. Wallace  
E. L. Hammond  
B. R. York  
D. L. Wilson  
R. R. Rinderman  
L. D. Root  
H. W. Rehrauer, Chairman, Safety Committee  
G. A. Cook  
B. L. Hopkins