| TO: J G Keppler FROM: Iowa Electric Light                                                                                        | CONSIGN DOCKET NUMBER 31                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| TO: J G Keppler FROM: Town Floatric Light                                                                                        | FILE NUMBER  INCIDENT REPORT                                                                                       |
| 10. 1 (* KEDDIE)                                                                                                                 |                                                                                                                    |
| Cedar Rapids, Ia                                                                                                                 | 2 21 11                                                                                                            |
| E L Hammond                                                                                                                      | DATE RECEIVED 10-11-77                                                                                             |
| LETTER INOTORIZED PROP INPUT FORM                                                                                                | NUMBER OF COPIES RECEIVED                                                                                          |
| COPY                                                                                                                             | 1 signed                                                                                                           |
| DESCRIPTION ENCLOSURE                                                                                                            |                                                                                                                    |
| concerning i                                                                                                                     | nt Report (RO# 77-73) on 9-2-77<br>noperability of downscale "A" tri<br>annel d <b>ae</b> random component failure |
|                                                                                                                                  |                                                                                                                    |
| 1p                                                                                                                               | •                                                                                                                  |
| PLANT NAME: Duane Arnold                                                                                                         | •                                                                                                                  |
| 10-12-77 ehf                                                                                                                     | •                                                                                                                  |
|                                                                                                                                  |                                                                                                                    |
| FOR ACTION/INFORMATION  BRANCH CHIEF: LCAR                                                                                       | NCL Recd *                                                                                                         |
| W/ 3 CYS FOR ACTION                                                                                                              |                                                                                                                    |
| LTC ASST.: PARRISH                                                                                                               |                                                                                                                    |
|                                                                                                                                  |                                                                                                                    |
|                                                                                                                                  |                                                                                                                    |
| INTERNAL DISTRIBUTION                                                                                                            |                                                                                                                    |
| CREG FILM                                                                                                                        |                                                                                                                    |
| NRC PDR                                                                                                                          |                                                                                                                    |
| I & E (2)                                                                                                                        |                                                                                                                    |
| MIPC<br>SCHROEDER/IPPOLITO                                                                                                       |                                                                                                                    |
|                                                                                                                                  | l i                                                                                                                |
| HOUSTON III                                                                                                                      |                                                                                                                    |
| HOUSTON NOVAK/CHECK                                                                                                              |                                                                                                                    |
| NOVAK/CHECK GRIMES                                                                                                               |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT                                                                                                        |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER                                                                                                 |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT                                                                                                        |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT                                                                        |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAFR                                                                   |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO                                                              |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAFR                                                                   |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO VOLLMER/BUNCH                                                |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO VOLLMER/RUNCH KREGER/ J. COLLINS ROSA                        |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO VOLLMER/RUNCH KREGER/ J. COLLINS ROSA EXTERNAL DISTRIBUTION  |                                                                                                                    |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO VOLLMER/RUNCH KREGER/ J. COLLINS ROSA  EXTERNAL DISTRIBUTION | CONTROL NUMBER                                                                                                     |
| NOVAK/CHECK GRIMES KNIGHT BUTLER HANAUER TEDESCO EISENHUT BAER SHAO VOLLMER/BUNCH KREGER/ J. COLLINS ROSA EXTERNAL DISTRIBUTION  |                                                                                                                    |

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## IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

September 27, 1977 DAEC-77 - 493

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.77-73

(30 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,

El Hanmid/ll

Ellery L. Hammond Chief Engineer Duane Arnold Energy Center

Docket 50-331 attachment ELH/JVS/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

SEP 2 9 1977

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| .•` `       |                                                                                                                                                               |          |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <b>.</b>    | CONTROL BLOCK:                                                                                                                                                | TION     |
| 01          | LICENSEE LICENSE TYPE    I A D A C 1                                                                                                                          |          |
|             | CATEGORY REPORT TYPE SOURCE DOCKET NUMBER EVENT DATE REPORT DATE  CONT                                                                                        | 7<br>  8 |
| 02          | EVENT OESCRIPTION  During Surveillance Testing, the IRM Channel "A" downscale trip was fou                                                                    |          |
| 7 8         | 3 9                                                                                                                                                           | 80       |
| 7           | 9                                                                                                                                                             | 80       |
| )<br>[]5    | 9                                                                                                                                                             | 80       |
|             | 3 9                                                                                                                                                           | 80       |
| 7 8         | SYSTEM CAUSE COMPONENT CODE COMPONENT COMPONENT COMPONENT COMPONENT SUPPLIER MANUFACTURER VIOLATION  I A E I N S T R U N G O 8 O N  9 10 11 12 17 43 44 47 48 | 80       |
| 90          | CAUSE DESCRIPTION  Random component failure. One General Electric voltage regulator, part                                                                     |          |
| 7 6<br>09   | 9                                                                                                                                                             | 80       |
| 10          |                                                                                                                                                               | 80       |
|             | FACILITY STATUS METHOD OF DISCOVERY DISCOVERY DESCRIPTION  E 0 9 7 NA B Surveillance Test                                                                     | 80       |
|             | FORM DF ACTIVITY CONTENT RELEASED DF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE NA NA                                                                     | 80       |
| 13          | PERSONNEL EXPOSURES  NUMBER TYPE DESCRIPTION  O O O Z NA                                                                                                      | 08       |
| 14<br>7 8   | PERSONNEL INJURIES  NUMBER DESCRIPTION  O O O O NA                                                                                                            | 80<br>   |
| 15<br>7 8   | ullet                                                                                                                                                         | <br>     |
| <b>CT</b>   | LOSS OR DAMAGE TO FACILITY  TYPE DESCRIPTION                                                                                                                  | 60       |
| 16<br>7 8   | <u>Z</u> NA 9 10                                                                                                                                              | 80       |
| 17<br>7 8   | PUBLICITY  NA 9                                                                                                                                               |          |
| 18<br>7 8 9 |                                                                                                                                                               |          |
| 19          | ,<br>                                                                                                                                                         | 80       |
| 7 8 9       | 9 NAME: J. Van Sickel SUONE 319-851-5611                                                                                                                      | 80       |