

6/6/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL 50-331

REC: NRC
NRC

ORG: HAMMOND E L
IA ELEC LIGHT & PWR

DOCDATE: 05/31/78
DATE RCVD: 06/05/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

FORWARDING LICENSEE EVENT REPT (RO 50-331/78-023) ON 05/17/78 CONCERNING
DURING SURVEILLANCE TESTING THE "B" CORE SPRAY SYSTEM SPARGER PIPE BREAK
DETECTION ALARM CARD WAS FOUND PULLED, IN VIOLATION OF TECH SPEC
3.2-B...W/ATT.

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL: *RL*

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#3 BC**W/4 ENCL

INTERNAL:

- REG FILE**W/ENCL
- ~~REG FILE**W/2 ENCL~~
- I & C SYSTEMS BR**W/ENCL
- NOVAK/CHECK**W/ENCL
- AD FOR ENG**W/ENCL
- HANAUER**W/ENCL
- AD FOR OPER TECH**W/ENCL
- ENGINEERING BR**W/ENCL
- KREGER/J. COLLINS**W/ENCL
- K SEYFRIT/IE**W/ENCL

- NRC PDR**W/ENCL
- MIPC**W/3 ENCL
- EMERGENCY PLAN BR**W/ENCL
- EEB**W/ENCL
- PLANT SYSTEMS BR**W/ENCL
- AD FOR PLANT SYSTEMS**W/ENCL
- REACTOR SAFETY BR**W/ENCL
- VOLLMER/BUNCH**W/ENCL
- POWER SYS BR**W/ENCL

EXTERNAL:

- LPDR'S
- CEDAR RAPIDS, IA**W/ENCL
- TIC**W/ENCL
- NSIC**W/ENCL
- ACRS CAT B**W/16 ENCL

DISTRIBUTION: LTR 45 ENCL 45
SIZE: 1P+1P+1P

CONTROL NBR: 781570296

As 4-60

***** THE END *****

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
May 31, 1978
DAEC - 78 - 274

Mr. James G. Keppler, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission-Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137

RECEIVED DISTRIBUTION
SERVICES UNIT
1978 JUN 5 AM 9 09
US NRC
DISTRIBUTION SERVICES
BRANCH

Subject: Licensee Event Report No. 78-023
(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,

B.R. York / for

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/nf

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

REGULATORY DOCKET FILE COPY
781570296

Appz
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Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket Number 050-0331

LER 78 - 023

Licensee Event Report Date: 5-31-78

Reportable Occurrence No: 78-023

EVENT DESCRIPTION

During surveillance testing the "B" core spray system sparger pipe break detection alarm card was found pulled. The card was reinserted and tested satisfactory. The alarm card operability requirements are listed in Technical Specifications Table 3.2-B. The "A" core spray system and sparger break detection alarm were operable. There have been two previous similar occurrences (See RO 76-51 and RO 78-12).

CAUSE DESCRIPTION

The alarm card was apparently disabled by a control room operator to stop intermittent annunciation during control rod manipulations. The problem of nuisance alarms with this system has been the subject of a design review initiated as a result of previous reportable occurrences.

CORRECTIVE ACTION

The subject of not following proper procedures was discussed at a plant general meeting. In addition, discussions were held with shift supervisors and operations personnel on the subject of the pulling of this alarm card in an effort to prevent reoccurrences. Also, a requirement was established for control room operators to check every annunciator each shift and log the results. The design review to eliminate the nuisance alarm problem associated with this alarm card will be expedited. A design change request will be initiated to request the annunciator logic be changed to allow "silencing" of nuisance alarms while retaining visual indication.