

E 03/03/78

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

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IA ELEC LIGHT & PWR

DOCDATE: 02/24/78
DATE RCVD: 03/02/78

DOCTYPE: LETTER NOTARIZED: NO
SUBJECT:

COPIES RECEIVED
LTR 1 ENCL 1

LICENSEE EVENT REPT (RO 50-331/78-009) ON 01/26/78 CONCERNING
DURING NORMAL OPERATION THE SAMPLE PUMPS FOR THE "B" CONTIANMENT
RADIATION MONITOR WERE FOUND SECURED.

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XJM
DISTRIBUTOR INITIAL:

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

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- REG FILE**W/ENCL
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- NOVAK/CHECK**W/ENCL
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- HANAUER**W/ENCL
- EISENHUT**W/ENCL
- SHAO**W/ENCL
- KREGER/J. COLLINS**W/ENCL
- K SEYFRIT/IE**W/ENCL

- NRC PDR**W/ENCL
- MIPC**W/3 ENCL
- HOUSTON**W/ENCL
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- BUTLER**W/ENCL
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- BAER**W/ENCL
- VOLLMER/BUNCH**W/ENCL
- ROSA**W/ENCL

EXTERNAL:

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

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REGULATORY GUIDE 10.1

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

CONTROL NBR: 780620026

AO 4
60

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

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
February 24, 1978
DAEC-78-122

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. 78-009
(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,

Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/nf

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

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S
1/1

LICENSEE EVENT REPORT

CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 I A D A C 1 2 0 0 - 0 0 0 0 0 0 - 0 0 0 3 4 1 1 1 1 1 1 4 5

CON'T 0 1 REPORT SOURCE L 6 0 1 5 0 0 0 3 3 1 7 0 1 2 6 7 8 8 0 2 2 4 7 8 9

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES 10

0 2 During normal operation the sample pumps for the "B" containment radiati
0 3 on monitor were found secured. A sample pump was started and normal indi
0 4 cation resumed. The "A" containment rad. monitor was operable but not op
0 5 erating. Further investigation revealed the gaseous indication had stopp
0 6 ed approximately 16 hrs prior to the discovery of this event and that th
0 7 e sample pump had been off for approximately 2 hrs. See Tech Spec Table
0 8 3.2-E and Spec 3.6.C.2 Indication problem repetitive (see RO 77-3 & 4)

0 9 SYSTEM CODE C I 11 CAUSE CODE A 12 CAUSE SUBCODE X 13 COMPONENT CODE T N S T R U 14 COMP. SUBCODE E 15 VALVE SUBCODE Z 16
17 LER/RO REPORT NUMBER 7 8 EVENT YEAR 7 8 SEQUENTIAL REPORT NO. 0 0 9 OCCURRENCE CODE 0 3 REPORT TYPE L REVISION NO. 0
ACTION TAKEN X 18 FUTURE ACTION H 19 EFFECT ON PLANT Z 20 SHUTDOWN METHOD Z 21 HOURS 0 0 0 0 ATTACHMENT SUBMITTED Y 23 NPRD-4 FORM SUB. N 24 PRIME COMP. SUPPLIER A 25 COMPONENT MANUFACTURER N 3 0 5 26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS 27

1 0 The sample pump was secured to remove water from the detectors and appar
1 1 ently was not restarted. The pump was started approximately 2 hrs later.
1 2 The monitor gaseous detector was noted by operations personnel as indicat
1 3 ing downscale the day previous to the event date but no corrective actio
1 4 ns were initiated. Additional training and reinstruction to be conducted.

1 5 FACILITY STATUS F 28 % POWER 0 9 9 29 OTHER STATUS NA 30 METHOD OF DISCOVERY B 31 DISCOVERY DESCRIPTION Routine Inspection 32
1 6 ACTIVITY CONTENT Z 33 AMOUNT OF ACTIVITY Z 34 NA 35 LOCATION OF RELEASE NA 36
1 7 PERSONNEL EXPOSURES NUMBER 0 0 0 37 TYPE Z 38 DESCRIPTION NA 39
1 8 PERSONNEL INJURIES NUMBER 0 0 0 40 DESCRIPTION NA 41
1 9 LOSS OF OR DAMAGE TO FACILITY TYPE Z 42 DESCRIPTION NA 43
2 0 PUBLICITY ISSUED N 44 DESCRIPTION NA 45

NAME OF PREPARER J. Van Sickle

PHONE: 319-851-5611

GPO 517-326

Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

LER 78-9

Licensee Event Report Date: 2-24-78

Reportable Occurrence No: 78-09

EVENT DESCRIPTION

During normal operation both sample pumps for the "B" containment radiation monitor were found secured. The monitor consists of three radiation detectors; RE 8101B (Particulate), RE 8102B (Gaseous), and RE 8103B (Iodine), which provide input to local indicators and to RR 4379B in the Control Room. Only one sample pump is required to be running for normal operation. A sample pump was started and the monitor resumed normal indication. The "A" containment radiation monitor was operable but not operating. Further investigation revealed the gaseous indication had stopped approximately 16 hours prior to the discovery of this event and that the sample pump had been off for approximately 2 hours. Containment atmosphere monitoring requirements are listed in Technical Specifications Table 3.2-E and in Specification 3.6.C.2 The indication problem is repetitive (See RO 77-3 and RO 77-4).

CAUSE DESCRIPTION

Personnel error. The sample pump was secured to remove water from the detectors (as committed to in the above noted LER's) and apparently was not restarted immediately. The sample pump was started when discovered secured approximately 2 hours later. The monitor gaseous detector was noted by operations personnel as indicating downscale the day previous to the event date but no corrective actions were initiated. The gaseous detector was indicating downscale apparently due to water in the detector.

CORRECTIVE ACTION

Personnel involved with the draining of the detectors will be given additional training to help ensure they are thoroughly familiar with proper radiation monitor operation. Operations personnel involved will be reinstructed as to appropriate actions which should be taken upon discovery of similar conditions. The actions involved in satisfying the commitment to drain the sample lines at regular intervals will be continued.

O. Lankam
FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
February 24, 1978

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. 77-9
(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,

Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/nf

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

FEB 27 1978

AO 4
60



Iowa Electric light and power company

DUANE ARNOLD ENERGY CENTER
PALO, IOWA

February 24, 1978

TO: D. Arnold D. Kalavitinos
 J. Wallace R. Rinderman
 D. Mineck L. Liu
 L. Root Shift Supervisors
 G. Cook DAEC Supervision - Routing Slip
 H. Rehrauer K. Young
 B. York R. Hannen

FROM: E. L. Hammond, Chief Engineer

FILE: A-118a

Please find attached one copy of a Reportable Occurrence Report or Notification letter that has been transmitted to the NRC.

Reportable Occurrence Report No. 78-9

Notification Letter No.

mg

LICENSEE EVENT REPORT

CONTROL BLOCK: _____ (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1 | I A D A C | 1 | 0 0 0 - 0 0 0 0 0 - 0 0 | 4 | 1 1 1 1 1 | _____ | _____
7 8 9 14 15 25 26 30 57 CAT 58

CON'T
0 1 | L | 0 5 0 0 0 3 3 1 | 0 1 2 6 7 8 | 0 2 2 4 7 8 | _____
7 8 60 61 68 69 74 75 80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 | During normal operation the sample pumps for the "B" containment radiati
0 3 | on monitor were found secured. A sample pump was started and normal indi
0 4 | cation resumed. The "A" containment rad. monitor was operable but not op
0 5 | erating. Further investigation revealed the gaseous indication had stopp
0 6 | ed approximately 16 hrs prior to the discovery of this event and that th
0 7 | e sample pump had been off for approximately 2 hrs. See Tech Spec Table
0 8 | 3.2-E and Spec 3.6.C.2 Indication problem repetitive (see RO 77-3 & 4)

0 9 | C I | A | X | T N S T R U | E | Z | _____ | _____ | _____ | _____ | _____
7 8 9 10 11 12 13 18 19 20 21 22 23 24 26 27 28 29 30 31 32
17 | LER/RO REPORT NUMBER | 7 8 | _____ | _____ | _____ | _____ | _____ | _____
18 | FUTURE ACTION | H | _____ | _____ | _____ | _____ | _____ | _____
19 | EFFECT ON PLANT | Z | _____ | _____ | _____ | _____ | _____ | _____
20 | SHUTDOWN METHOD | Z | _____ | _____ | _____ | _____ | _____ | _____
21 | HOURS | 0 0 0 0 | _____ | _____ | _____ | _____ | _____ | _____
22 | ATTACHMENT SUBMITTED | Y | _____ | _____ | _____ | _____ | _____ | _____
23 | NPRD-4 FORM SUB. | N | _____ | _____ | _____ | _____ | _____ | _____
24 | PRIME COMP. SUPPLIER | A | _____ | _____ | _____ | _____ | _____ | _____
25 | COMPONENT MANUFACTURER | N 3 0 5 | _____ | _____ | _____ | _____ | _____ | _____
26

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 | The sample pump was secured to remove water from the detectors and appar
1 1 | ently was not restarted. The pump was started approximately 2 hrs later.
1 2 | The monitor gaseous detector was noted by operations personnel as indicat
1 3 | ing downscale the day previous to the event date but no corrective actio
1 4 | ns were initiated. Additional training and reinstruction to be conducted.

1 5 | E | 0 9 9 | NA | B | Routine Inspection
7 8 9 10 12 13 44 45 46 80
1 6 | Z | Z | NA | NA
7 8 9 10 11 44 45 80
1 7 | 0 0 0 | Z | NA
7 8 9 10 11 12 13 80
1 8 | 0 0 0 | NA
7 8 9 10 11 12 80
1 9 | Z | NA
7 8 9 10 80
2 0 | N | NA
7 8 9 10 80

DUANE ARNOLD ENERGY CENTER

Iowa Electric Light and Power Company

LICENSEE EVENT REPORT-Supplemental Data

Docket No. 050-0331

LER 78-9

Licensee Event Report Date: 2-24-78

Reportable Occurrence No: 78-09

EVENT DESCRIPTION

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