

B 04/27/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
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50-331

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DOCDATE: 04/19/78
DATE RCVD: 04/24/78

DOCTYPE: LETTER NOTARIZED: NO

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SUBJECT: LTR 1 ENCL 0

LICENSEE EVENT REPT. NO. RO 50-331/78-03 CONCERNING THE RADIOIODINE LEVEL IN
MILK SAMPLES EXCEEDING TEN TIMES THE CONTROL STATION VALUE.

PLANT NAME: DUANE ARNOLD

REVIEWER INITIAL: XRL

DISTRIBUTOR INITIAL: *u*

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ~~LEAR**LTR ONLY(4)~~

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REG FILE**LTR ONLY(1)

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EISENHUT**LTR ONLY(1)

~~SHAG**LTR ONLY(1)~~

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K SEYFRIT/IE**LTR ONLY(1)

NRC PDR**LTR ONLY(1)

~~MIPC**LTR ONLY(3)~~

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~~TEDESCO**LTR ONLY(1)~~

~~BAER**LTR ONLY(1)~~

~~VOLLMER/BUNCH**LTR ONLY(1)~~

~~ROSA**LTR ONLY(1)~~

MIPC (3 LTRs)

OELD LTR

L & CROCKER LTR

EXTERNAL:

LPDR'S

CEDAR RAPIDS, IA**LTR ONLY(1)

TIC**LTR ONLY(1)

NSIC**LTR ONLY(1)

ACRS CAT B**LTR ONLY(16)

COPIES NOT SUBMITTED PER
REGULATORY GUIDE 10.1

DISTRIBUTION: LTR 45 ENCL 0
SIZE: 2P

CONTROL NBR: 781160160

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

R10308
DAEC 08

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

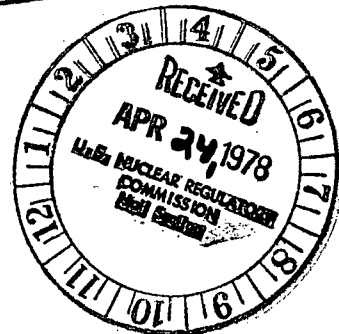
P. O. Box 351

Cedar Rapids, Iowa 52406

April 19, 1978

DAEC - 78 - 223

B11618



Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H. Street NW
Washington, D. C. 20545

50-331

Re: Duane Arnold Energy Center

Subject: Environmental Technical Specification
Violation Report 78-03

File: A-117

REGULATORY DOCKET FILE COPY

Dear Mr. Case:

This report is submitted in accordance with the requirements of Appendix B to Operating License DPR-49, Specification 5.4.2.1.C.

Problem

The radioiodine level in milk samples exceeded ten times the control station value.

Investigation

The plant began weekly milk sampling on March 28, 1978, after learning of the atmospheric nuclear weapons test conducted on March 14, 1978, by the Peoples Republic of China. On April 10, 1978, the results of the weekly environmental milk samples taken on April 4, 1978, indicated the radioiodine level had increased to greater than 10 times the control station value, as indicated below.

<u>STATION</u>	<u>LEVEL</u> (pCi/l)
66, *73, 97, 100, *102	<0.4
63	1.2
72	0.6
93	12.9
94	5.9
96	1.7
101	1.3

* Control Stations

781160160

A002/s *
1/0


Mr. Edson G. Case
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The plant has attributed this increase to the weapons tested by the Peoples Republic of China. This conclusion was reached based on discussions with our environmental monitoring contractor which indicated all nuclear plants in the midwest which use the same contractor have experienced similar increases in their samples and due to the fact that the plant was shutdown for refueling on March 18, 1978, and has experienced no significant releases since that date.

Corrective Action

Environmental milk sampling frequency shall be maintained weekly and each sample shall be analyzed individually. The schedule shall be maintained until all sample station radioiodine levels are again less than 2.4 pCi/l.

Very truly yours,



Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/nf

cc: Mr. J. Keppler