

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER **ENVIRO**
INCIDENT REPORT

TO: Mr. James G. Keppler

FROM: Iowa Electric Light & Power Co.
Cedar Rapids, Iowa 52406
Ellery L. Hammond

DATE OF DOCUMENT
10/31/77
DATE RECEIVED
11/16/77

LETTER
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DESCRIPTION

Consists of Environmental Tech Spec Violation Report 77-6 concerning analysis results which indicate radioiodine levels in milk from Tech Spec listed sample locations will exceed an average quarterly concentration of 4.8 pCi/l...

1p +1p

PLANT NAME: DUANE ARNOLD
.jcm 11/17/77

ENCLOSURE

NOTE: IF PERSONNEL EXPOSURE IS INVOLVED SEND DIRECTLY TO KREGER/J. COLLINS

1 CY ENCL Rec'd

FOR ACTION/INFORMATION

BRANCH CHIEF:	LEAR
W/ BY CYS FOR ACTION	
LIST:	

INTERNAL DISTRIBUTION

<u>REG FILES</u>	
NRC PDR	
I & E (2)	
MIPC	
SCHROEDER/ IPPOLITO	
HOUSTON	
NOVAK/ CHECK	
GRIMES	
KNIGHT	
BUTLER	
HANAUER	
TEDESCO	
EISENHUT	
BAER	
SHAO	
VOLLMER/ BUNCH	
KREGER/ J. COLLINS	
ROSA	
CROCKER	

EXTERNAL DISTRIBUTION

LPDR: Cedar Rapids, IA.	
TIC	
NSIC	
ACRS (16) CYS SENT AS CAT. B	

CONTROL NUMBER

773210037

Envo

CD

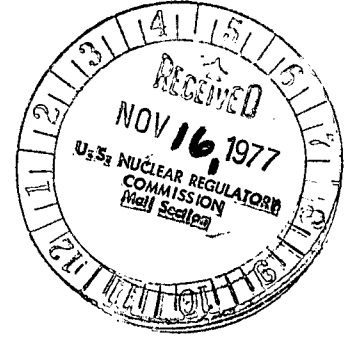
O. Landon

REGULATORY DOCKET FILE COPY

IOWA ELECTRIC LIGHT AND POWER COMPANY

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

October 31, 1977
DAEC -77 - 543



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

Subject: Environmental Technical Specification Violation
Report 77-6

File: A-117

Dear Mr. Keppler:

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

The purpose of this report is to notify you of the analysis results which indicate radioiodine levels in milk from Technical Specification listed sample locations will exceed an average quarterly concentration of 4.8 pCi/l. The increase in radioiodine levels in milk is attributed to fallout from the atmospheric nuclear weapons test conducted in late September by the Peoples Republic of China. The levels seen at the Duane Arnold Energy Center are similar to levels seen at other facilities throughout the midwest.

We have initiated weekly individual sample collection and analysis. The increased frequency and individual analysis shall continue until radioiodine levels are less 2.4 pCi/l. A listing of results obtained to date is attached.

Very truly yours,
Ellery L. Hammond
Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/KDY/mg
attachment

cc: Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H Street N.W.
Washington, D.C. 20545

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Station(s)

Results (pCi/l)

Samples collected 10-4

62, 73	153
63	76
66, 72, 95	132
96, 97, 100	177
93	38
94	137
101	

Samples collected 10-11

62	23
63	38
66	57
72	11
73	48
93	127
94	108
95	44
96	47
97	94
100	35
101	37

Samples collected 10-18

62	0.8
63	31
66	49
72	15
73	44
93	16
94	110
95	38
96	32
97	74
100	31
101	42

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