

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRO

TO:

Mr. James G. Keppler

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

DATE OF DOCUMENT
10/21/76
DATE RECEIVED
10/29/76

LETTER
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one signed copy

DESCRIPTION

Ltr. furnishing Environmental Incident Report (76-5) on 10/15/76 concerning radioiodine level in monthly milk sample exceeding ten times the control station value.

(2-P)

PLANT NAME:
Duane Arnold

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

SAFETY		FOR ACTION/INFORMATION		ENVIRO	11/3/76	RJL
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CASE	KNIGHT		<input checked="" type="checkbox"/> BALLARD
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HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STEPP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		<input checked="" type="checkbox"/> GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		<input checked="" type="checkbox"/> J. COLLINS
	RUTBERG		<input checked="" type="checkbox"/> KREGER

EXTERNAL DISTRIBUTION			CONTROL NUMBER
<input checked="" type="checkbox"/> LPDR: Cedar Rapids, IO	<input checked="" type="checkbox"/> NAT LAB: ANL	BROOKHAVEN NAT LAB	11174
<input checked="" type="checkbox"/> TIC:	REG. VIE	ULRIKSON(ORNL)	
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ASLB:	CONSULTANTS		
ACRS CYS HOLDING/SENT			

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IOWA ELECTRIC LIGHT AND POWER COMPANY

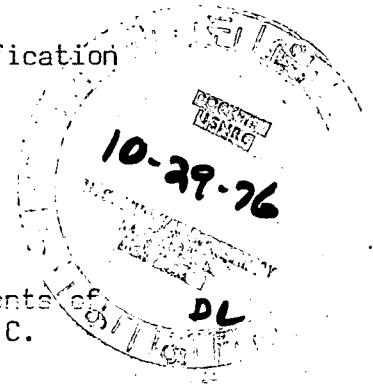
DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
October 21, 1976
DAEC - 76 - 335

50-331



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: Environmental Technical Specification
Violation 76-5
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.C.

Problem

Radioiodine level in monthly milk sample exceeded ten times the control station value.

Investigation

On October 15, 1976, the results of the monthly environmental milk samples, taken on October 12, 1976, indicated that the radioiodine levels had increased, as indicated below. All previous samples were less than 0.5 pCi/l.

<u>Station</u>	<u>Level (pCi/l)</u>
62,73	0.61
63	4.59
93	3.1
94	12.7
66,72,95,96,97,98	0.5

Initial investigations indicate that the increase is due to the atmospheric nuclear weapons test conducted on September 27, 1976, by the Peoples Republic of China. This conclusion was reached after discussions with our environmental monitoring contractor which indicated that all nuclear power plants in the midwest which use the same contractor have experienced similar increases in their samples. An update report shall be submitted when we receive the results

11174

of the confirmatory samples. These results should be received early next week.

Corrective Action

Environmental milk sampling frequency shall be increased from monthly to weekly and each sample shall be analyzed individually. The increased frequency shall be maintained until it has been definitely indicated that levels have returned to normal.

Very truly yours,

Ellery L. Hammond

Ellery L. Hammond
Assistant Chief Engineer

ELH/MHS/mg

cc: D. Arnold
J. Wallace
L. Liu
K. Young
D. Wilson
H. Rehrauer
J. Newman
Director, Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D.C. 20545