

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER
ENVIRO

TO: J.G. KEPPLER

FROM: IOWA ELEC. LIGHT & PWR. CO.
CEDAR RAPIDS, IOWA
E.L. HAMMOND

DATE OF DOCUMENT
10-21-76

DATE RECEIVED
11-9-76

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DESCRIPTION
ENVIRONMENTAL TECH. SPEC. VIOLATION # 76-5,
CONCERNING RADIOIODINE LEVEL IN MONTHLY MILK
SAMPLE EXCEEDED TEN TIMES THE CONTROL STATION
VALUE.....

(1 SIGNED CY. RECEIVED)
(2 PAGES)

ENCLOSURE

ACKNOWLEDGED

DO NOT REMOVE

PLANT NAME: DUANE ARNOLD

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 11-10-76

ASSIGNED AD:		ASSIGNED AD:
BRANCH CHIEF:	LEAR <i>W/15</i>	BRANCH CHIEF: <i>REGAN W/2</i>
PROJECT MANAGER:		PROJECT MANAGER:
LIC. ASST.:	PARRISH	LIC. ASST.:

INTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> REG FILE	SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
<input checked="" type="checkbox"/> NRC PDR	HEINEMAN	TEDESCO	ENVIRO ANALYSIS
<input checked="" type="checkbox"/> I & E (2)	SCHROEDER	BENAROYA	DENTON & MULLER
OELD		LAINAS	
GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
<input checked="" type="checkbox"/> MIPC	MACCARRY	KIRKWOOD	ERNST
CASE	KNIGHT		BALLARD
<input checked="" type="checkbox"/> HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
HARLESS	PAWLICKI	STELLO	
			SITE TECH.
PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
BOYD	ROSS	EISENHUT	STEEP
P. COLLINS	NOVAK	SHAO	HULMAN
HOUSTON	ROSZTOCZY	BAER	
PETERSON	CHECK	BUTLER	SITE ANALYSIS
MELTZ		GRIMES	VOLLMER
HELTEMES	AT & I		BUNCH
SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> LPDR: CEDAR RAPIDS, IOWA	NAT LAB: <i>ANL</i>	BROOKHAVEN NAT LAB
<input checked="" type="checkbox"/> TIC:	REG. VIE	ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	LA PDR	
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS	
<input checked="" type="checkbox"/> ACRS 1 CYS HOLDING/SENT	<i>ACRS CAT 'B'</i>	

CONTROL NUMBER

11433

Amundson

Regulatory

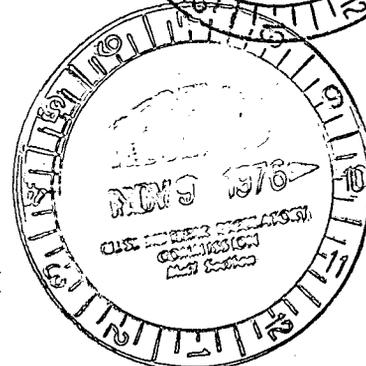
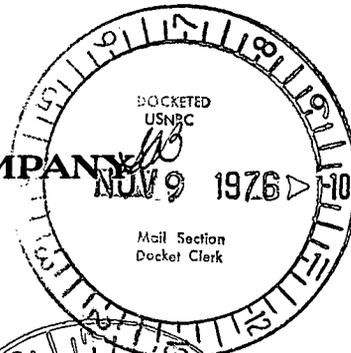
File Copy

D. L. ...

IOWA ELECTRIC LIGHT AND POWER COMPANY

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

October 21, 1976
DAEC - 76 - 335



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

50-331

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

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OCT 25 1976

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