

500331

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

FILE NUMBER

ENVIRONMENTAL

TO: J.G. KEPPLER

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

DATE OF DOCUMENT

11-2-76

DATE RECEIVED

12-7-76

☐ LETTER☐ NOTORIZED

PROP

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☒ ORIGINAL☒ UNCLASSIFIED☐ COPY

NUMBER OF COPIES RECEIVED

1

DESCRIPTION

ENVIRONMENTAL TECH. SPEC. VIOLATION 76-5 UPDATE
REPORT CONCERNING THE INCREASED RADIOIODINE
LEVELS INDICATED BY THE MONTHLY MILK SAMPLES...(1 SIGNED CY. RECEIVED)
(.2 PAGES)

PLANT NAME: BUANE ARNOLD

ENCLOSURE

ACKNOWLEDGED
DO NOT REMOVE

SAFETY

FOR ACTION/INFORMATION

ENVIRO

SAB 12-9-76

ASSIGNED AD:

BRANCH CHIEF:

LEAR (5)

PROJECT MANAGER:

LIC. ASST. :

PARRISH

ASSIGNED AD:

BRANCH CHIEF:

PROJECT MANAGER:

LIC. ASST. :

REGAN (2)

BEVAN

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
<input type="checkbox"/> OELD		LAINAS	
<input type="checkbox"/> GOSSICK & STAFF	ENGINEERING	IPPOLITO	ENVIRO TECH.
<input type="checkbox"/> MIPC	MACARRY	KIRKWOOD	ERNST
<input type="checkbox"/> CASE	KNIGHT		BALLARD
<input checked="" type="checkbox"/> HANAUER	SIHWEIL	OPERATING REACTORS	SPANGLER
<input type="checkbox"/> HARLESS	PAWLICKI	STELLO	
			SITE TECH.
<input type="checkbox"/> PROJECT MANAGEMENT	REACTOR SAFETY	OPERATING TECH.	GAMMILL
<input type="checkbox"/> BOYD	ROSS	EISENHUT	STEPP
<input type="checkbox"/> P. COLLINS	NOVAK	SHAO	HULMAN
<input type="checkbox"/> HOUSTON	ROSZTOCZY	BAER	
<input type="checkbox"/> PETERSON	CHECK	BUTLER	SITE ANALYSIS
<input type="checkbox"/> MELTZ		GRIMES	VOLLMER
<input type="checkbox"/> HELTEMES	AT & I		BUNCH
<input type="checkbox"/> SKOVHOLT	SALTZMAN		J. COLLINS
	RUTBERG		KREGER

EXTERNAL DISTRIBUTION

CONTROL NUMBER

<input checked="" type="checkbox"/> LPDR: cedar rapids, iowa	NAT. LAB: <i>AML</i>	BROOKHAVEN NAT. LAB.
<input checked="" type="checkbox"/> TIC:	REG V. IE	ULRIKSON (ORNL)
<input checked="" type="checkbox"/> NSIC:	LA PDR	
<input checked="" type="checkbox"/> ASLB:	CONSULTANTS:	
<input checked="" type="checkbox"/> ACRS CYS HOLDING/SENT		

12387

CATEGORY-B DOCUMENT
F/INFO ACRS

A. Lumbard

50-331

IOWA ELECTRIC LIGHT AND POWER COMPANY

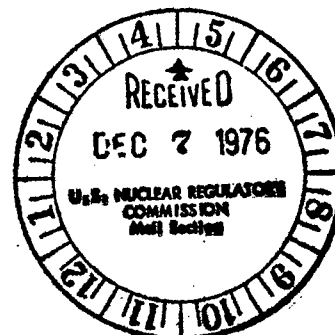
DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

November 2, 1976

DAEC - 76 - 351



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 Update Report. Previous
report date 10/21/76

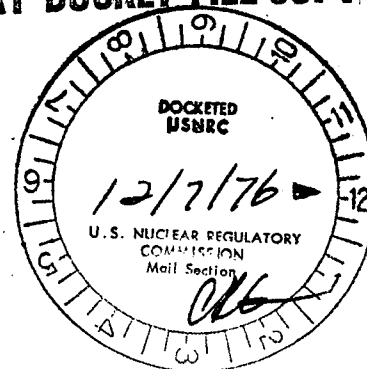
File: A-117

Dear Mr. Keppler:

This report is submitted to notify you that we have received the results of the analysis performed to confirm the increased radioiodine levels indicated by our monthly milk samples. The results are as follows:

Station	Level (pCi/l)
62 (Control)	<0.5
63	5.47±0.5
66	3.62±0.23
72	0.15±0.15
73 (Control)	5.72±0.49
93	2.09±0.47
94	5.66±0.65
95	<0.5
96	4.98±0.17
97	2.68±0.39
98	3.15±0.46

REGULATORY DOCKET FILE COPY



As expected, the results confirm that there has been an increase in radioiodine levels of the milk samples. Further discussions with our environmental monitoring contractor concerning increased levels at other plants and the fact that our iodine release rate has not increased and therefore could not contribute to the increase seen here, confirms our conclusion that the nuclear weapons test conducted by the Peoples Republic of China is the source of the increased radioiodine level.

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NOV 8 1976

As stated in our initial report, we shall continue to take our samples on a weekly basis and perform individual samples until the levels have returned to normal. We shall notify you by letter when the levels have returned to normal.

Very truly yours,

B.R. York / for

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