

AEC DISTRIBUTION FOR PART 50 DOCKET MATERIALS
(TEMPORARY FORM)

CONTROL NO: 8312

FILE:

FROM: Iowa Electric Light & Power Co. Cedar Rapids, Iowa Mr. E.L Hammond			DATE OF DOC 8-5-74		DATE REC'D 8-12-74		LTR X	TWX	RPT	OTHER
TO: James Keppler			ORIG none		CC	OTHER	SENT AEC PDR SENT LOCAL PDR		XXX XXX	
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331				

DESCRIPTION:

Ltr reporting an abnormal occurrence at the Duane Arnold Nuclear Facility...concerning... an abnormal reactor coolant water chemistry....

AO- No. 74-27

ENCLOSURES:

ACKNOWLEDGED

DONOT REMOVE

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION

8-15-74

JB

BUTLER (L)	SCHWENCER (L)	ZIEMANN (L)	REGAN (E)
W/ CYS	W/ CYS	W/ CYS	W/ CYS
CLARK (L)	STOLZ (L)	DICKER (E)	✓LEAR
W/ CYS	W/ CYS	W/ CYS	W/ 7 CYS
FARR (L)	VASCALLO (L)	KNIGHTON (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS
KNIEL (L)	PURPLE (L)	YOUNGBLOOD (E)	
W/ CYS	W/ CYS	W/ CYS	W/ CYS

INTERNAL DISTRIBUTION

✓REG FILE	✓TECH REVIEW	DENTON	LIC ASST	A/T IND
✓AEC PDR	✓HENDRIE	GRIMES	DIGGS (L)	BRAITMAN
✓OGC	✓SCHROEDER	GAMMILL	GEARIN (L)	SALTZMAN
✓MUNTZING/STAFF	✓MACCARY	KASTNER	GOULBOURNE (L)	B. HURT
✓CASE	✓KNIGHT	BALLARD	KREUTZER (E)	
GIAMBUSSO	✓PAWLICKI	SPANGLER	LEE (L)	PLANS
BOYD	✓SHAO		MAIGRET (L)	MCDONALD
MOORE (L)(LWR-2)	✓STELLO	ENVIRO	REED (E)	CHAPMAN
✓DEYOUNG (L)(LWR-1)	✓HOUSTON	MULLER	SERVICE (L)	DUBE w/input
SKOVHOLT (L)	✓NOVAK	DICKER	SHEPPARD (L)	E. COUPE
GOLLER (L)	✓ROSS	KNIGHTON	SLATER (E)	
P. COLLINS	✓IPPOLITO	YOUNGBLOOD	SMITH (L)	✓D. THOMPSON (2)
DENISE	✓TEDESCO	REGAN	✓TEETS (L)	✓KLECKER
✓REG OPR	✓LONG	PROJECT MGR	WILLIAMS (E)	✓EISENHUT
FILE & REGION (3)	✓LAINAS		WILSON (L)	
✓MORRIS	✓BENAROYA	HARLESS		
✓STEELE	✓VOLLMER			

EXTERNAL DISTRIBUTION

✓1 - LOCAL PDR (Cedar Rapids, Iowa)	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
✓1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
✓1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. ULRIKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSSMAN)
✓1 - P. R. DAVIS	1-CONSULTANTS	Rm B-127 GT
✓5 - ACRS SENT TO LIC ASST Teets	NEWMARK/BLUME/AGBABIAN	1-RD..MUELLER, Rm P-303
8-15-74		GT

LB

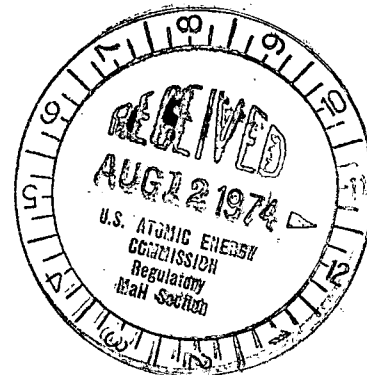
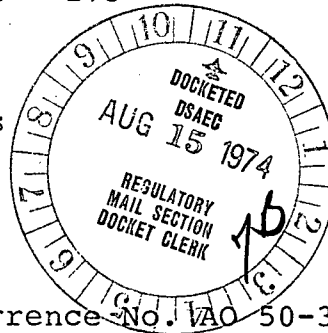
Regulatory Docket File

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA
DUANE ARNOLD ENERGY CENTER
PALO, IOWA
August 5, 1974
DAEC - 74 - 275

Mr. James Keppler
Regional Director
Directorate of Regulatory Operations
U. S. Atomic Energy Commission
Region III
799 Roosevelt Road
Glen Ellyn, Illinois 60137



SUBJECT: Abnormal Occurrence No. VAO 50-331/74-27
FILE: A-118a
A-110

Dear Mr. Keppler:

In accordance with the DAEC Technical Specifications, Section 6.11.2A.1, this letter is intended as notification of an Abnormal Occurrence at the Duane Arnold Energy Center on August 4, 1974. This letter, telecopied to your office, is intended to satisfy the requirement for notification by telegram within 24 hours of the Abnormal Occurrence.

Identification of Occurrence

Abnormal Reactor coolant water chemistry, reportable in accordance with Section 1.0.4.b of the Duane Arnold Energy Center Radiological Technical Specifications.

Description Of Occurrence

August 4, 1974

1408 hours	Reactor water conductivity exceeded Technical Specification limit of 10 μ mho/cm.
1422 hours	Orderly reactor shutdown initiated.
1628 hours	Manual reactor scram initiated

August 5, 1974

0430 hours	Reactor Water conductivity within Technical Specification limit of 5 μ mho/cm.
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The tentative cause has been attributed to the breakdown of condensate

8312

Demineralize resins inadvertently released to the condensate system.

Investigation is continuing.

Yours truly,



Ellery L. Hammond
Assistant Chief Engineer
Duane Arnold Energy Center

GAE/ELH/pd

CC: John O'Leary	D. L. Wilson
C. W. Sandford	O. C. Schellberg
J. A. Wallace	H. W. Rehrauer - Chairman, Safety Committee
G. G. Hunt	L. D. Root
B. R. York	B. L. Hopkins
J. H. Gebert	