

**AEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)**

CONTROL NO: 8186

FILE: _____

FROM: Iowa Electric Light & Power Cedar Rapids, IA B. R. York		DATE OF DOC 8-1-74	DATE REC'D 8-6-74	LTR X	TWX	RPT	OTHER
TO: James Keppler		ORIG	CC 1	OTHER	SENT AEC PDR XXX SENT LOCAL PDR XXX		
CLASS	UNCLASS XXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		

DESCRIPTION:

Ltr furn info re abnormal occurrence rpt #
AO 50-331/74-25 re unplanned release of
water.....

ENCLOSURES:

**ACKNOWLEDGED
DO NOT REMOVE**

PLANT NAME: DUANE ARNOLD

FOR ACTION/INFORMATION 8-6-74 GMC

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)	VASSALLO (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

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

EXTERNAL DISTRIBUTION

<input checked="" type="checkbox"/> 1 - LOCAL PDR <u>CEDAR RAPIDS, IA</u>	(1)(2)(10)-NATIONAL LABS	1-PDR-SAN/LA/NY
<input checked="" type="checkbox"/> 1 - TIC (ABERNATHY)	1-ASLBP(E/W Bldg, Rm 529)	1-BROOKHAVEN NAT LAB
<input checked="" type="checkbox"/> 1 - NSIC (BUCHANAN)	1-W. PENNINGTON, Rm E-201 GT	1-G. ULRICKSON, ORNL
1 - ASLB	1-B&M SWINEBROAD, Rm E-201 GT	1-AGMED (RUTH GUSMAN)
<input checked="" type="checkbox"/> 1 - P. R. DAVIS	1-CONSULTANTS	Rm B-127 GT
<input checked="" type="checkbox"/> 16 - ACRS SENT TO LIC ASST TEETS 8-6-74	NEWMARK/BLUME/AGBABIAN	1-RD..MUELLER, Rm F-309
		GT

BW

J. O'Leary

IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA

DUANE ARNOLD ENERGY CENTER

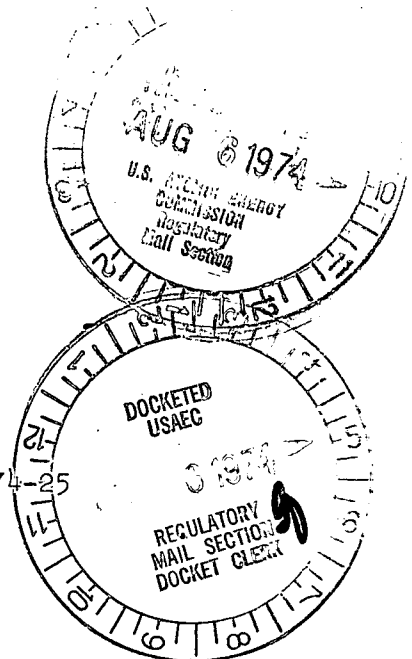
PALO, IOWA

AUGUST 1, 1974

DAEC - 74 - 272

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. AO 50-331/74-25
FILE: A-118a
A-110



Dear Mr. Keppler:

In accordance with DAEC Technical Specifications, Specification 6.11.2A.1, this letter is intended as notification of an Abnormal Occurrence at the Duane Arnold Energy Center on July 31, 1974. This letter is intended to satisfy the requirement for notification by telegraph within 24 hours of the occurrence.

Identification of Occurrence

Unplanned release of water, reportable in accordance with Appendix A to Operating License DPR-49, Specification 1.0.4.c.

Description of Occurrence

During the backwash of a condensate-demineralizer resin trap, resin trap backwash valve CV-1717E malfunctioned and could not be closed. The resultant flow caused backwash receiving tank 1T-6 to overflow into the turbine building equipment drain sumps. When the capacity of the equipment drain sumps was exceeded, the water overflowed on to the turbine building floor and into drains feeding the normal waste sumps. Approximately 3000 gallon of water was released to the Cedar River before the normal waste sump discharge could be isolated.

Initial analysis of the release indicated gross beta activity of 2.0×10^{-4} μ ci/ml.

The isotopic mixture of the release was later identified and indicates that the release was within 10CFR20 limits.

REGULATORY DOCKET FILE COPY

8180

Investigation is continuing.

A formal written report will be submitted to the Office of the Directorate of Regulatory Operations within 10 days of identification of the subject Abnormal Occurrence.

Very truly yours,

A handwritten signature in cursive script, appearing to read "B R York".

B. R. York
Operations Supervisor
Duane Arnold Energy Center

DLW:BRY:bh

CC: John O'Leary
C. W. Sandford
J. A. Wallace
B. R. York
E. L. Hammond
H. W. Rehrauer
J. H. Gebert
D. L. Wilson
O. C. Schellberg
G. G. Hunt
B. L. Hopkins
L. D. Root