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(TEMPORARY FORM)

CONTROL NO: 4647  
FILE: INCIDENT REPORT FILE

FROM: Iowa Electric & Pwr Co. Cedar Rapids, Io. G.G. Hunt			DATE OF DOC 4-23-75	DATE REC'D 4-28-75	LTR XX	TWX	RPT	OTHER
TO: James G. Keppler			ORIG NONE	CC	OTHER	SENT AEC PDR <u>XXXX</u> SENT LOCAL PDR <u>XXX</u>		
CLASS	UNCLASS XXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-331		

DESCRIPTION:

, Ltr. trans the following...

ENCLOSURES:

Abnorm. Occurr. # 75-22, on 4-19-75, concerning Suppression chamber water volume.....

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION

VCR 4-29-75

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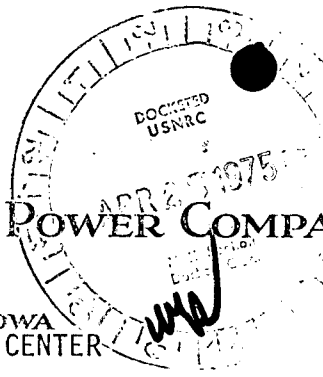
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** SEND ONLY TEN DAY REPORTS		

# IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office

CEDAR RAPIDS, IOWA  
DUANE ARNOLD ENERGY CENTER  
PALO, IOWA  
APRIL 23, 1975  
DAEC-75-173



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: Abnormal Occurrence No. A.O. 50-331/75-22  
FILE: A-110 A-118a

Dear Mr. Keppler:

In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center, please find enclosed a written report on the subject abnormal occurrence.

Mr. R. Knopp, of your office, was notified of the abnormal occurrence by telephone on April 19, 1975

Very truly yours,

G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

DLW:GGH:bh  
Enclosure

CC: ✓ B. C. Rusche  
C. W. Sandford  
J. A. Wallace  
H. W. Rehrauer-Chairman, Safety Committee  
J. R. Newman  
E. L. Hammond

# IOWA ELECTRIC LIGHT AND POWER COMPANY

General Office  
CEDAR RAPIDS, IOWA

Subject: Abnormal Occurrence  
Report Number: A.O. 50-331/75-22  
Report Date: April 23, 1975  
Occurrence Date: April 19, 1975  
Facility: Duane Arnold Energy Center, Unit #1, Palo, Iowa

## Identification of Occurrence

Suppression chamber water volume, reportable in accordance with Appendix A to DPR-49, Specifications 1.0.4.b and 3.7.A.1.d.

## Conditions Prior to Occurrence

Scheduled reactor power reduction from 734 MWt to 506 MWt in progress.

## Description of Occurrence

Operating personnel were preparing to perform a special test on the HPCI Subsystem to verify HPCI pump flow capabilities (See Abnormal Occurrence Report No. 50-331/75-21). The test involved taking HPCI pump suction from one condensate storage tank (CST) and discharging to the other. While draining one CST to the suppression chamber in preparation for the test, suppression chamber water volume reached 65,200 cubic feet. The Technical Specification limit for maximum suppression chamber water volume is 61,500 cubic feet.

## Designation of Apparent Cause of Occurrence

The cause of the occurrence was operator error. Although suppression chamber water level was being observed on a level recorder, operating personnel incorrectly read the scale on the recorder.

## Analysis of Occurrence

The occurrence did not present an unsafe plant condition. The suppression chamber water volume had been in excess of Technical Specification limits approximately one hour when the error was discovered and corrective action initiated.

4/19/75

Corrective Action

The suppression chamber water volume was returned to Technical Specification limits.

Appropriate operating procedures will be revised to clarify the proper method of reading the scale on the suppression chamber water level recorder.

A design change request to provide an alarm on suppression chamber water level had already been initiated at the time of the occurrence. When the design change is completed, the alarm will alert operating personnel when the suppression chamber water level is approaching Technical Specification limits.

Conclusion

The DAEC Operations Committee reviewed this report on April 23, 1975. The Committee concluded that the occurrence did not present a hazard to the health and safety of the public.



G. G. Hunt  
Chief Engineer  
Duane Arnold Energy Center

DLW:GGH:bh