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CONTROL NO: **4807**
FILE: INCIDENT REPORT FILE

FROM: Iowa Elec. Light & Pwr. Cedar Rapids, Iowa B.B. Hunt			DATE OF DOC 4-23-75	DATE REC'D 5-1-75	LTR XX	TWX	RPT	OTHER
TO: James G. Keppler			ORIG 1 Signed	CC	OTHER	SENT AEC PDR <u>XXXX</u> SENT LOCAL PDR <u>XXXX</u>		
CLASS	UNCLASS XXX	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 5-1-75

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INTERNAL DISTRIBUTION

REG FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MPC/PE (3) STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO **STELLO **HOUSTON **NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER	DENTON *GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	LIC ASST R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L)	A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON F. WILLIAMS HANAUER
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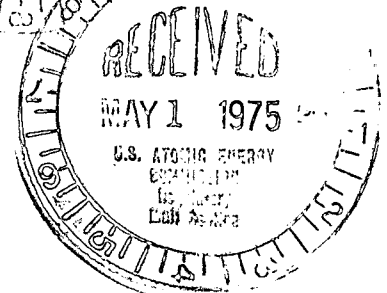
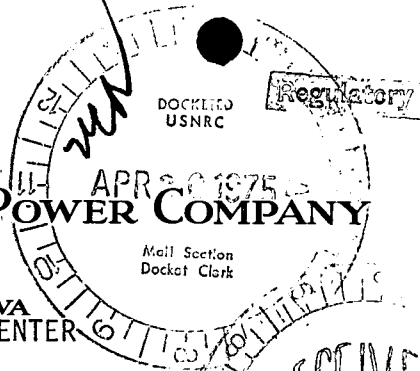
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1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
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** SEND ONLY TEN DAY REPORTS <i>Teets</i>		

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

4807

APR 28 1975

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