

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL
(TEMPORARY FORM)

CONTROL NO: 14338

FILE: INCIDENT REPORT FILE

FROM: Iowa Elec Light & Pwr Cedar Rapids, Ia G G Hunt		DATE OF DOC 12-19-75	DATE REC'D 12-30-75	LTR XXXX	TWX	RPT	OTHER
TO: Mr Keppler		ORIG one signed	CC	OTHER	SENT AEC PDR <u>XX</u>		SENT LOCAL PDR <u>XX</u>
CLASS	UNCLASS XXXXXXXX	PROP INFO	INPUT	NO CYS REC'D 1	DOCKET NO: 50-331		
DESCRIPTION: Ltr trans the following:				ENCLOSURES: Abnormal Occurrence #75-68 on 12-11-75 concerns inoperable mechanical seismic snubber on main steam flow instrumentation line.....			
PLANT NAME: Duane Arnold							

DO NOT WRITE

ACKNOWLEDGMENT

FOR ACTION/INFORMATION 1-2-76 ehf

BUTLER (L) W/ Copies	SCHWENCER (L) W/ Copies	ZIEMANN (L) W/ Copies	REGAN (E) W/ Copies
CLARK (L) W/ Copies	STOLZ (L) W/ Copies	DICKER (E) W/ Copies	LEAR (L) W/3 Copies
PARR (L) W/ Copies	VASSALLO (L) W/ Copies	KNIGHTON (E) W/ Copies	SPELS W/ Copies
KNIEL (L) W/ Copies	PURPLE (L) W/ Copies	YOUNGBLOOD (E) W/ Copies	

INTERNAL DISTRIBUTION

REG-FILE NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) MIPC/PE (3) STEELE	TECH REVIEW SCHROEDER MACCARY KNIGHT PAWLICKI SHAO **STELLO **HOUSTON **NOVAK ROSS IPPOLITO TEDESCO J. COLLINS 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. RUSHBROOK (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) M. DUNCAN (E)	A/T IND. BRAITMAN SALTZMAN MELTZ PLANS MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON F. WILLIAMS HANAUER
--	--	--	--	--

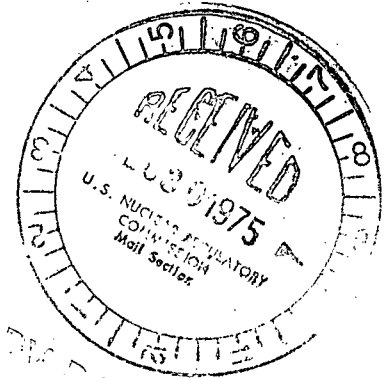
EXTERNAL DISTRIBUTION

1 - LOCAL PDR Cedar Rapids, Ia	1 - NATIONAL LABS	1 - PDR-SAN/LA/NY
1 - TIC (ABERNATHY) (1)(2)(10)	1 - W. PENNINGTON, Rm E-201 GT	1 - BROOKHAVEN NAT LAB
1 - NSIC (BUCHANAN)	1 - CONSULTANTS	1 - G. ULRIKSON, ORNL
1 - ASLB	NEWMARK/BLUME/AGBABIAN	1 - AGMED (RUTH GUSSMAN) Rm B-127 GT
1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
15 - ACRS SENT TO LIC ASST Teets		
** SEND ONLY TEN DAY REPORTS		

Q

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
DAEC - 75 - 461
December 19, 1975



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 AO 50-331/75-68
File: A-118a

Dear Mr. Keppler:

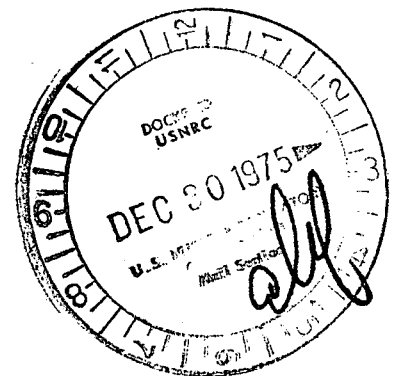
In accordance with Appendix A to Operating License DPR-49, Technical Specifications and Bases for Duane Arnold Energy Center; please find enclosed a written report on the subject abnormal occurrence.

Very truly yours,

G. G. Hunt ELH
G. G. Hunt
Chief Engineer
Duane Arnold Energy Center

OCS/GGH/mg

cc: B. C. Rusche
D. Arnold
J. A. Wallace
L. Liu
H. W. Rehrauer - Chairman, Safety Committee
J. R. Newman
E. L. Hammond



DEC 22 1975

14338

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406

Subject: Abnormal Occurrence
Report Number: AO 50-331/75-68
Report Date: December 19, 1975
Occurrence Date: December 11, 1975
Facility: Duane Arnold Energy Center, Unit No. 1, Palo, Iowa

Identification of Occurrence

Inoperable mechanical seismic snubber on main steam flow instrumentation line, reportable in accordance with Appendix A to Operating License DPR-49, Specification 1.0.4.d.

Conditions Prior to Occurrence

Cold shutdown when occurrence detected.

Description of Occurrence

During an inspection of the drywell it was determined that a snubber on the "A" main steam flow instrumentation line was incapable of functioning due to a bent rod.

Designation of Apparent Cause of Occurrence

The apparent cause of the occurrence was a faulty weld between the rod and clevis mounting plate. The weld appeared to be an incomplete fillet instead of a full penetration weld. The weld was broken approximately halfway around the rod. This caused the rod to bend when force was applied to it due to normal movement of the main steam line. This type of snubber is susceptible to mechanical binding which may have contributed to the occurrence.

Analysis of Occurrence

Pipe stress appeared to be minimal because there was only slight pipe movement. This is verified by the fact that the weld between the rod and clevis mounting plate was not completely broken.

Corrective Action

A new snubber was installed. All mechanical snubbers of this type are scheduled to be replaced by an improved model during the spring 1976 refueling outage.

Failure Data

There have been no previous failures of mechanical seismic snubbers.

Component: Mechanical Shock and Vibration Arrestor
Manufacturer: International Nuclear Safeguard
Name Plate: MSVA-1As, TT4, AT.1.5, Mark 2

Conclusion

This report was reviewed and approved by the DAEC Operations Committee on December 19, 1975. The Committee concluded that the occurrence did not present a hazard to the health and safety of the public.

G. G. Hunt _{ELH}
G. G. Hunt
Chief Engineer
DAEC

OCS/GGH/mg