

NRC FORM 195 (2-76)		U.S. NUCLEAR REGULATORY COMMISSION		DOCKET NUMBER 50-321
NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL		B21617		FILE NUMBER ENVIRO
TO: Mr. Edson G. Case		FROM: Iowa Electric Light & Power Co. Cedar Rapids, IA Ellery L. Hammond		DATE OF DOCUMENT 7/28/77
<input checked="" type="checkbox"/> LETTER <input checked="" type="checkbox"/> ORIGINAL <input type="checkbox"/> COPY		<input type="checkbox"/> NOTORIZED <input checked="" type="checkbox"/> UNCLASSIFIED	PROP	DATE RECEIVED 8/3/77
			INPUT FORM	NUMBER OF COPIES RECEIVED 1 Signed
DESCRIPTION Environmental Licensee Event Report #50-331/77-3, concerning FR 4133 Off Gas Stack Flow, recorder being found to be indicating downscale.			ENCLOSURE ACKNOWLEDGED DO NOT REMOVE	
PLANT NAME: Duane Arnold VT 8/4/77			(2-P)	
SAFETY		FOR ACTION/INFORMATION		ENVIRONMENTAL
ASSIGNED AD:		ASSIGNED AD:		V. MOORE (LTR)
BRANCH CHIEF: (7) Rear		BRANCH CHIEF:		
PROJECT MANAGER:		PROJECT MANAGER:		
LICENSING ASSISTANT:		LICENSING ASSISTANT:		
		B. HARLESS		
INTERNAL DISTRIBUTION				
REG FILES		SYSTEMS SAFETY	PLANT SYSTEMS	SITE SAFETY &
NRC PDR		HEINEMAN	TEDESCO	ENVIRON ANALYSIS
I & E (2)		SCHROEDER	BENAROYA	DENTON & MULLER
OELD			LAINAS	CRUTCHFIELD
GOSSICK & STAFF		ENGINEERING	IPPOLITO	
HANAUER		KNIGHT	F. ROSA	ENVIRO TECH.
MIPC		BOSNAK		ERNST
CASE		SIHWELL	OPERATING REACTORS	BALLARD
BOYD		PAWLICKI	STELLO	YOUNGBLOOD
			EISENHUT	
PROJECT MANAGEMENT		REACTOR SAFETY	SHAO	SITE TECH.
SKOVHOLT		ROSS	BAER	
P. COLLINS		NOVAK	BUTLER	GAMMILL (2)
HOUSTON		ROSZTOCZY	GRIMES	
MELTZ		CHECK		SITE ANALYSIS
HELTEMES				VOLLMER
SK		AT&I		BUNCH
		SALTZMAN		J. COLLINS
		RUTBERG		KREGER
EXTERNAL DISTRIBUTION			CONTROL NUMBER	
LPDR: Cedar Rapids, IA				
TIC			772160220	
NAT LAB				
REG IV (J. HANCHETT)				
16 CYS ACRS SENT CATEGORY B				

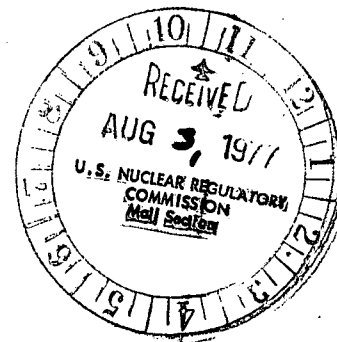
IOWA ELECTRIC LIGHT AND POWER COMPANY

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

July 28, 1977
DAEC -77- 390

Regulatory

File Cy



Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H. Street N.W.
Washington, D.C. 20545

50-331

RE: Duane Arnold Energy Center
SUBJECT: Environmental Technical Specification
Violation 77-3
FILE: A-117

Dear Mr. Case:

This report is submitted in accordance with the requirements of Appendix B to Operating License DPR-49, Specification 3.3.1.C.a.

Problem

On July 18, 1977 during a special instrument check made as the result of a lightning storm in the vicinity of the plant, FR 4133, Off Gas Stack Flow Recorder, was found to be indicating downscale.

Investigation

FR 4133 was determined to be downscale due to a failure of its transmitter, DPT 4133. The failure apparently was the result of a lightning strike. The flow recorder was out of service from approximately 1220, 7/18/77 until 1417, 7/19/77 a period of approximately twenty-six (26) hours. During the period the flow monitor was inoperable, maximum stack flow would not have resulted in exceeding 4% of Specification 2.3.1.C.1 of Appendix B.

Corrective Action

Due to steady-state plant conditions, the off-gas stack flow for release calculation purposes was assumed to be constant during the period FR 4133 was out of service. The failed components in DPT 4133 were replaced and the transmitter calibrated, functionally tested and returned to service.

772160220

Mr. Edson G. Case

Page 2

July 28, 1977

This report was reviewed and approved by the DAEC Operations Committee and Safety Committee.

Very truly yours,

A handwritten signature in cursive script, appearing to read "E. Hammond" followed by a stylized flourish.

Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

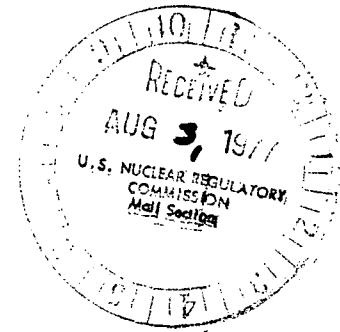
ELH/JVS/mg

cc: Mr. J. Keppler

IOWA ELECTRIC LIGHT AND POWER COMPANY

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

July 28, 1977
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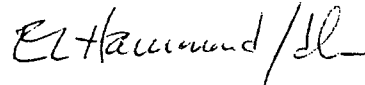
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Very truly yours,

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Ellery L. Hammond
Chief Engineer
Duane Arnold Energy Center

ELH/JVS/mg

cc: Mr. J. Keppler