NRC FORM 195 (2-76)

U.S. NUCLEAR REGULATORY COMMISSION

DOCKET NUMBER 50-331

FILE NUMBER Enviro

NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL

TO: Mr B C Rusche	FROM: Iowa Elec Light & PwrCo Cedar Rapids, Ia E L Hammond	DATE OF DOCUMENT 1-26-77 DATE RECEIVED 1-31-77
☒ LETTER ☒ ORIGINAL ☐ COPY ☐ NOTORIZED ☒ UNCLASSIFIED	PROP / INPUT FORM	NUMBER OF COPIES RECEIVED one signed

DESCRIPTION

Ltr reporting Enviromental Deviation (77-1) which occurred on 1-17-77 & concerned receipt of a low flow alarm from the offgas stack radiation monitor due to a plugged line.....

2p

ENCLOSURE

ACKNOWLEDGED
Do Not Remove

PLANT NAME: Duane Arnold

FOR ACTION/INFORMATION ENVIRO 2-1-77 ehf

SAFETY			ENVIRO	
	ASSIGNED AD:			ASSIGNED AD:
✓	BRANCH CHIEF:	Lear (5)		BRANCH CHIEF:
✓	PROJECT MANAGER:	Shea		PROJECT MANAGER:
✓	LIC. ASST. :	Parrish		LIC. ASST. :

INTERNAL DISTRIBUTION

✓	REG FILE		SYSTEMS SAFETY		PLANT SYSTEMS		SITE SAFETY &
✓	NRC PDR		HEINEMAN		TEDESCO		ENVIRO ANALYSIS
✓	I & E (2)		SCHROEDER		BENAROYA	✓	DENTON & MULLER
✓	OELD				LAINAS		
	GOSSICK & STAFF		ENGINEERING		IPPOLITO		ENVIRO TECH.
✓	MIPC		MACARRY		KIRKWOOD		ERNST
	CASE		KNIGHT			✓	BALLARD
✓	HANAUER		SIHWEIL		OPERATING REACTORS		SPANGLER
✓	HARLESS		PAWLICKI		STELLO		
							SITE TECH.
	PROJECT MANAGEMENT		REACTOR SAFETY		OPERATING TECH.		GAMMILL
	BOYD		ROSS		EISENHUT		STEPP
	P. COLLINS		NOVAK		SHAO		HULMAN
	HOUSTON		ROSZTOCZY		BAER		
	PETERSON		CHECK		BUTLER		SITE ANALYSIS
	MELTZ			✓	GRIMES	✓	VOLLMER
	HELTEMES		AT & I				BUNCH
	SKOVHOLT		SALTZMAN			✓	J. COLLINS
			RUTBERG			✓	KREGER

EXTERNAL DISTRIBUTION

✓	LPDR:	✓	NAT. LAB: ANL	BROOKHAVEN NAT. LAB.
✓	TIC:		REG V.IE	ULRIKSON (ORNL)
✓	NSIC:		LA PDR	
	ASLB:		CONSULTANTS:	
✓	ACRS / CYS ~~HOLDING~~/SENT		As CAT B 2/1/77	

CONTROL NUMBER

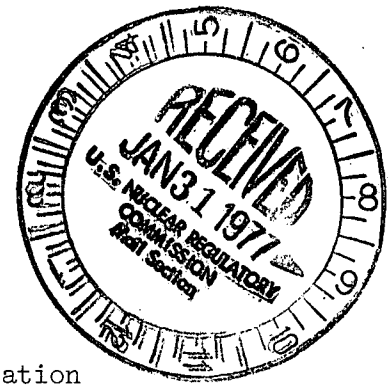
1021

NRC FORM 195 (2-76)

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER
P. O. Box 351
Cedar Rapids, Iowa 52406
January 26, 1977
DAEC - 77 - 61

50-331



Mr. Benard C. Rusche, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
1717 H Street N.W.
Washington, D.C. 20545

Subject: Environmental Technical Specification Violation 77-1

File: A-117

Dear Mr. Rusche:

This report is submitted in accordance with the requirements of Appendix B to Operating License DPR-49, Specifications 3.3.1.C.1 and 5.4.2.1.

Problem

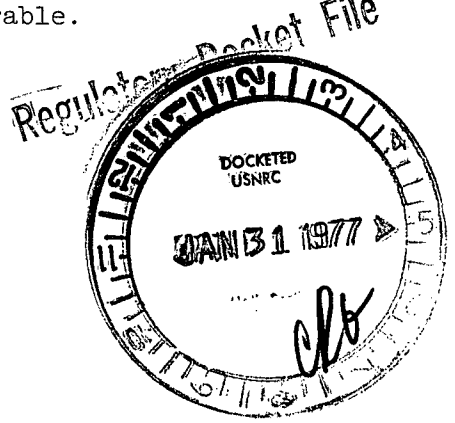
On January 17, 1977, a low flow alarm was received from the Offgas Stack radiation monitor. A subsequent investigation determined that the discharge of the flow indicator in the monitor was frozen.

Investigation

The sample line became plugged as the result of sub-freezing temperatures at the Offgas Stack. Moisture in the sample flow turned to ice in a section of the sample line that was not heat traced.

Corrective Action

The section of pipe in which the icing occurred was thawed out. Heat tracing was added in order to prevent further icing problems. The offgas stack radiation monitor was returned to operation in approximately four hours. The Offgas System pretreatment and posttreatment monitors were operable during the period when the stack monitor was inoperable.



1021

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

Very truly yours,

Ellery L. Hammond

Ellery L. Hammond
Chief Engineer
DUANE ARNOLD ENERGY CENTER

ELH/DLW/mg

cc: D. Arnold
J. Wallace
D. Mineck
L. Liu
D. Wilson
H. Rehrauer
J. Newman
J. Keppler