NRC FORM 195			U.S. NU	ICLEAR REGULATORY CO	SION DOCKET NUMBER
NRC DISTRIBUTION FOR PART 50 DOCKET MATERIAL					FILE NUMBER INCIDENT REPORT
TO:			FROM:	** 1 · 0 P	DATE OF DOCUMENT
Mr. James G. Keppler			Iowa Elec. Cedar Rapi	Light & Pwr. Comp	
			Ellery L. Hammond		DATE RECEIVED 11/14/77
LETTER	UNOTORIZ		PROP	INPUT FORM	NUMBER OF COPIES RECEIVED
MORIGINAL DCOPY	UNCLASS	IFIED			1 Signer
DESCRIPTION		•		ENCLOSURE	1 313/13/13
				9/30/77 concer supply fan, 1V	Report (RO 50-331/77-81) on ning the "A" standby filter unit -SV-30A, being found to be ve noise & vibrating
			(1-P)	(1-P)	
PLANT NAME: Duane Arnold				NOTE: IF PERSON	NEL EXPOSURE IS INVOLVED SEND
RJL 11/14/77					TO KREGER/J. COLLINS
•				1 CY 6	ENCL Rec'd
			FOR ACTION	INFORMATION	
BRANCH CHIEF:	CTT CAT	Lef	IR.		
W/ CYS FOR A	CTION				
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IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351 Cedar Rapids, Iowa 52406

> October 28, 1977 DAEC-77 - 539

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: Licensee Event Report No. 77-81

(30 day)

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 and Regulatory Guide 10.1, please find attached a copy of the subject Licensee Event Report. (Total of 3 copies transmitted)

Very truly yours,

Clery L. Hammond

Chief Engineer

Duane Arnold Energy Center

Docket 50-331

attachment

ELH/JVS/mg

cc: Director, Office of Inspection and Enforcement (30)
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

Director, Management Information and Program Control (3)
U. S. Nuclear Regulatory Commission

Washington, D.C. 20555

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01 7 E	LICENSEE NAME LICENSE NUMBER LICENSE TYPE LICENSE TYPE TYPE 1
7 8	CATEGORY TYPE SOURCE OOCKET NUMBER EVENT OATE REPORT OATE CON'T
<u>os</u>	EVENT DESCRIPTION During Surveillance Testing, the "A" standby filter unit supply
7 8	fan, 1V-SF-30A, was found to be making excessive noise and vibrating. I
	nvestigation revealed the fan wheel was contacting the fan housing. Sta
7 [05] 7	ndby filter unit "B" operable. Repetitive (see RO 77-76). Fan was adjus
	ted and returned to service. (RO 77-81)
 	SYSTEM CAUSE COMPONENT CODE COMPONENT SUPPLIER MANUFACTURER VIOLATION S G E B L O W E R A Z O I O N 9 10 11 12 17 43 44 47 48
08	CAUSE DESCRIPTION Setscrew retaining the fan wheel to the motor shaft backed out slightly
7. 8 09	and allowed the fan wheel to move out of position. The unit is a Zurn
10	Industries 1000 CFM fan. The fan wheel was repositioned and the setscre
7 8	FACILITY STATUS % POWER OTHER STATUS DISCOVERY DISCOVERY DESCRIPTION E 09 1 NA B Surveillance Test
12 7 8	FORM OF ACTIVITY CONTENT RELEASE OF RELEASE AMOUNT OF ACTIVITY LOCATION OF RELEASE NA NA NA NA NA PERSONNEL EXPOSURES
13	NUMBER TYPE DESCRIPTION O 0 0 0 Z NA 9 11 12 13
7 8 1 7 8 1	PERSONNEL INJURIES NUMBER DESCRIPTION OOOOO NA NA
15 7 8 9	OFFSITE CONSEQUENCES NA NA
	LOSS OR DAMAGE TO FACILITY TYPE DESCRIPTION NA NA 10
17 7 8 9	PUBLICITY NA NA
18 7 8 9	ADDITIONAL FACTORS Cause Desc. Cont w tightened and secured with thread cement.
19	80
7 89	NAME:

RECTIVED DOCUMENT PROCESSING UNIT

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