NRC FORM 195 (2-76)	U.S. I	NUCLEAR REGULATORY COMMISS	ION DOCKET NUMBER 50-331
NEC DISTRIBUTION FOR PART 50 DOCKET MATERIAL			FILE NUMBER ÎNCIDENT REPORT
TO: FROM: Iowa Elec. Light & Pwr.Co.			DATE OF DOCUMENT 8/5/77
Mr. James G. Keppler	Cedar Rap		
M. James G. Reppici	Ellery L.	Hammond	DATE RECEIVED 8/24/77
ELETTER NOTORIZED	PROP	INPUT FORM	NUMBER OF COPIES RECEIVED
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DESCRIPTION		ENCLOSURE	
PLANT NAME: Duame Armold RJL 8/25/77	(1-P)	7/14/77 concerming emergency service (1-P) NOTE: IF PERSONN	port (RO 50-331/77-57) on g inadequacy of the "A" water pump EL EXPOSURE IS INVOLVED TILY TO KREGER/J. COLLINS
		N/INFORMATION	
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VOLLMER/RUNCH KREGER/ J. COLLINS			
ROSA COLLINS			
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D. Lashan

IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351 Cedar Rapids, Iowa 52406

> August 5, 1977 DAEC -77 - 408

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. 77-57

(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,

Ellery 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

LICENSEE EVENT REPORT

CONTROL BLOCK: **(PLEASE PRINT ALL REQUIRED INFORMATION) EVENT** LICENSE LICENSE NUMBER D A 0 0 0 0 0 0 0 0 0 0 0 0 Q 1 0 3 DDCKET NUMBER **EVENT DATE** REPORT DATE O 1 CON'T L 3 1 0 7 1 1 4 7 7 7 10 | 8 | 0 | 5 | 7 **EVENT OESCRIPTION** | During normal operation, surveillance testing determined the "A" emerge ВÖ [0]3] I ncy service water pump, 1P-99A, was operable up to a river water temper 80 04 ature of 89.9 degrees F. On 7/14/77 the river water temperature rose ab 80 ols | ove this value for approximately 4 hours 20 minutes which made the "A" "B" ESW system operable. 06 | ESW system inoperable during that period. 8 9 80 SYSTEM COMPONENT MANUFACTURER COMPONENT CODE VIOLATION В UM PX CAUSE OESCRIPTION OB Current pump design is inadequate during periods of high river water te 80 mperature. Pump is a Layne and Bowler type 12 RH. A design review is in 80 progress to determine the equipment needed to correct this problem. 80 METHOD OF FACILITY % POWER OTHER STATUS STATUS **OISCOVERY** DISCOVERY DESCRIPTION Ε 0 8 8 NA В NA FORM OF CONTENT OF RELEASE RELEASED AMOUNT OF ACTIVITY LOCATION OF RELEASE Z NA NA 10 11 PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION 0 0 0 Ζ NA 12 PERSONNEL INJURIES NUMBER DESCRIPTION 0 0 0 NA 11 12 OFFSITE CONSEQUENCES 1 5 NA LOSS OR DAMAGE TO FACILITY TYPE DESCRIPTION NA**PUBLICITY** NA 80 ADDITIONAL FACTORS Event Desc. Cont. - 77-57) 80 80 J. Van Sickel NAME:_ 319-851-5611 PHONE: