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O. Lankam

## IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER

P. O. Box 351

Cedar Rapids, Iowa 52406

September 2, 1977 DAEC -77 - 447

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. 77-64

(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



•	CONTROL BLOCK: [PLEASE PRINT ALL REQUIRED INFORMA	TION
<u></u>	LICENSEE NUMBER LICENSE TYPE  1	
01	CATEGORY REPORT TYPE SOURCE DOCKET NUMBER SEVENT DATE REPORT DATE SOURCE DOCKET NUMBER SEVENT DATE REPORT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE REPORT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE REPORT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE SOURCE SEVENT DATE REPORT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE SOURCE SEVENT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE SOURCE SOURCE DOCKET NUMBER SEVENT DATE SOURCE SOURCE SOURCE SOURCE DOCKET NUMBER SEVENT DATE SOURCE	7   BC
05	EVENT OESCRIPTION    During normal operation, daily surveillance indicated the CAD system ni	
03	trogen volume was decreasing. Nitrogen vendor was unable to resupply t	60
7 6	he system in time to prevent dropping below the required volume. System	BC
	volume went below the required 50000 SCF on 8/6/77 and was restored to	80
	above this value on 8/8/77. The system reached a recorded low of approx	80
07 7 8	7 43 44 47 43	80
08	Unknown. System leaks were suspected but no evidence could be found to	ı
7 8	support this conclusion. System volume remained acceptably stable after	60
7 8		80
7 B	FACILITY STATUS B METHOD OF DISCOVERY DESCRIPTION  F NA B NA	
12 7 8	FORM OF ACTIVITY CONTENT RELEASE OF RELEASE NA NA LOCATION OF RELEASE NA NA LOCATION OF RELEASE NA NA LOCATION OF RELEASE NA	80
13	PERSONNEL EXPOSURES  NUMBER TYPE DESCRIPTION  O O O D Z NA	1
14	PERSONNEL INJURIES NUMBER DESCRIPTION O O O NA	80
	OFFSITE CONSEQUENCES  NA	80
-	LOSS OR DAMAGE TO FACILITY TYPE DESCRIPTION	80
16 7 8 9	Z	
17	PUBLICITY NA	80
8 9	9	80
18	ADDITIONAL FACTORS  Event Desc. Cont imately 46000 SCF while out of specifica	ı
19	tion. Cause not repetitive. (RO 77-64)	80
B 9		80

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