

UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555

October 26, 1978

Distribution

Docket

ORB #3

SShepard

Docket No. 50-331

U. S. Environmental Protection Agency  
Region VII  
ATTN: EIS COORDINATOR  
1735 Baltimore Avenue  
Kansas City, Missouri 64108

Subject: DUANE ARNOLD ENERGY CENTER  
Iowa Electric Light and Power Company

The following documents concerning our review of the subject facility  
are transmitted for your information:

- ☐ Notice of Receipt of Application.
- ☐ Draft/Final Environmental Statement, dated \_\_\_\_\_.
- ☐ Safety Evaluation, or Supplement No. \_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Notice of Hearing on Application for Construction Permit.
- ☐ Notice of Consideration of Issuance of Facility Operating License.
- ☐ Application and Safety Analysis Report, Vol. \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to Application/SAR, dated \_\_\_\_\_.
- ☐ Construction Permit No. CPPR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Facility Operating License No. DPR-\_\_\_\_\_, NPF-\_\_\_\_\_, dated \_\_\_\_\_.
- ☐ Amendment No. \_\_\_\_\_ to CPPR-\_\_\_\_\_ or DRR-\_\_\_\_\_, dated \_\_\_\_\_.
- ☒ Other: Ltr from IEL&P dtd 10/4/78 transmitting Envir. T.S.
- ☐ Violation Report 78-9

Office of Nuclear Reactor Regulation

ORB #3

DOR

Enclosures:  
As stated

CC:

OFFICE	ORB #3					
SURNAME	<i>ms</i> SSheppard:mjf					
DATE	10/26/78					

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Docket

# IOWA ELECTRIC LIGHT AND POWER COMPANY

DUANE ARNOLD ENERGY CENTER  
P. O. Box 351  
Cedar Rapids, Iowa 52406  
October 4, 1978  
DAEC - 78 - 416

Mr. Harold Denton, Director  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
1717 H. Street NW  
Washington, D. C. 20545

Re: Duane Arnold Energy Center

50-331

Subject: Environmental Technical Specification  
Violation Report 78-9

File: A-117

Dear Mr. Denton:

This report is submitted in accordance with the requirements of Appendix B to Operating License DPR-49, Specification 3.3.1.B.2.

## Problem

On September 25, 1978 a discharge of radioactive liquid effluent was begun prior to sample analysis being completed and without proper authorization. The discharge continued for approximately eight minutes before the error was discovered and the discharge secured. Approximately 500 gallons were discharged.

## Investigation

The DAEC radwaste area is equipped with two equipment waste sample tanks, IT-71A and IT-71B. Both tanks were sampled during the morning of September 25th and the samples sent to the plant lab for analysis. The analysis of IT-71B was completed during the early afternoon of September 25th and authorization was sent to the radwaste operator to discharge that tank. The radwaste operator did not properly review the authorization form and began discharging IT-71A. After approximately eight minutes the operator realized his error and secured discharging. Subsequent completion of the analysis of the sample from IT-71A revealed the activity level was 4.6% of MPC, well within limits.

## Corrective Action

The radwaste operator was immediately relieved of shift duties pending management resolution of this matter. In addition, a

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Mr. Harold Denton  
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DAEC radiation protection department supervisor is now required to verify proper valve line up prior to any radioactive liquid effluent discharges. The radwaste operator involved has been reinstructed concerning the requirements for making liquid discharges and advised that any future incidents of this nature may result in disciplinary action.

This report has been 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/JVS/nf

cc: Mr. J. Keppler