



UNITED STATES  
ATOMIC ENERGY COMMISSION  
DIRECTORATE OF REGULATORY OPERATIONS  
REGION III  
799 ROOSEVELT ROAD  
GLEN ELLYN, ILLINOIS 60137

TELEPHONE  
(312) 858-2660

OCT 1 1973

Iowa Electric Light and Power Company  
ATTN: Mr. Charles W. Sandford  
Vice President, Engineering  
Security Building  
P. O. Box 351  
Cedar Rapids, Iowa 52405

Docket No. 50-331

Gentlemen:

Thank you for your letter dated September 17, 1973, informing us of the steps you have taken to correct the items of noncompliance which we brought to your attention in our letter dated August 23, 1973. We will examine these matters during our next inspection.

Your cooperation with us is appreciated.

Sincerely yours,

James G. Keppler  
Regional Director

bcc w/ltr dtd 9-17-73:  
RO Chief, FS&EB  
RO:HQ (4)  
Licensing (4)  
DR Central Files  
RO Files  
Regions I & II  
PDR  
Local PDR  
NSIC  
DTIE  
OGC, Beth, P-506A

# IOWA ELECTRIC LIGHT AND POWER COMPANY

*General Office*  
CEDAR RAPIDS, IOWA

September 17, 1973

C. W. SANDFORD  
VICE PRESIDENT

IE-73-1242

Mr. James G. Keppler  
Regional Director  
U. S. Atomic Energy Commission  
Directorate of Regulatory Operations  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Re: Duane Arnold Energy Center #1  
Subject: AEC/DRO letter 8/23/73 Water Sample Analysis  
File: Q-72c

Dear Mr. Keppler:

The items of nonconformance stated in your letter dated August 23, 1973, were discussed with Messrs. Pagliaro and Greger during their inspection on July 9-11, 1973.

Specifically, surface water samples collected at sample sites No. 73 and No. 75 on January 28, 1973 and March 13, 1973 were not analyzed as stated in the FSAR Section 2.7.2.1. While the significance of the missing analyses on the samples of reference is questionable, they were not performed as stated in the FSAR. A  $^{90}\text{Sr}$  and  $^{226}\text{Ra}$  analysis was performed on a quarterly composite sample which included water from the referenced sites sampled on the dates specified, however no gamma analyses were performed.

The ground water samples collected at sample sites No. 56 and No. 59 on February 28, 1973, and No. 59 on March 13, 1973 were not analyzed as stated in the FSAR Section 2.7.2.1. These samples were not analyzed for  $^{90}\text{Sr}$  nor was a gamma analysis performed. These samples were analyzed for  $^{90}\text{Sr}$  as a part of the quarterly composite sample.

Due to this incident, special instructions have been issued to Iowa Electric site technical personnel directing them to verify that such reports are complete and correct with respect to the requirements.

In addition, a letter was transmitted to our environmental specimen analyses contractor on July 12, 1973, calling their attention to the lack of

SEP 24 1973

Mr. James G. Keppler

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September 17, 1973

analyses and directing them to analyze environmental specimens as specified in the FSAR.

Very truly yours,

*C. W. Sandford*

C. W. Sandford  
Vice President

GAC:CWS:ar

c.c. Mr. J. A. Wallace  
Mr. G. G. Hunt  
Mr. L. D. Root  
Mr. J. N. Ward  
Mr. G. A. Cook  
Mr. J. R. Newman