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SUBJECT: Responds to IE Bulletin 80-10, "Contamination of Nonradioactive Sys & Resulting Potential for Unmonitored, Uncontrolled Release of Radioactivity to Environ. Routine sampling/analysis program has been implemented.

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Iowa Electric Light and Power Company

June 25, 1980  
LDR-80-172

LARRY D. ROOT  
ASSISTANT VICE PRESIDENT  
NUCLEAR GENERATION

Mr. James G. Keppler, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Re: Duane Arnold Energy Center

Subject: IE Bulletin 80-10, Contamination of  
Nonradioactive System and Resulting  
Potential for Unmonitored, Uncontrolled  
Release of Radioactivity to Environment

File: A-101a, NRC-2, Bulletin 80-10

Dear Mr. Keppler:

In response to your letter transmitting the subject bulletin concerning cross-contaminating of normally nonradioactive systems and potential unmonitored releases to the environment, we have performed a detailed review of hard-piped interconnections between radioactive systems and those systems considered normally non-radioactive. As a result of this review, a routine sampling/analysis program has been established for several nonradioactive systems which interface with radioactive systems including the demineralized water system, the domestic water system, the reactor building closed cooling water system, and the auxiliary boiler system.

Prior to receipt of the IE Bulletin 80-10 several potential cross-contamination and unmonitored release problems were identified and corrections are presently being made at DAEC. Several hardware modifications are being made to the service air system to prevent cross-contamination from the radwaste systems and condensate demineralizer system. In addition, a radiation monitor is being added to a service water effluent flow path which could potentially be cross-contaminated by service water system heat exchanger tube leaks.

The specific details on the engineering review performed, sampling/analysis program implemented, and related hardware

APR 3, 1980

8007070272

Mr. James G. Keppler

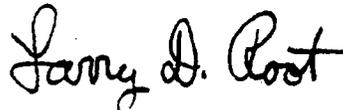
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changes being made are available with the Technical Engineering group at DAEC for NRC review.

If you have any questions or desire further information, please contact this office.

Very truly yours,



Larry D. Root  
Assistant Vice President

LDR/DWT/rs

cc: U.S. Nuclear Regulatory Commission  
Office of Inspection and Enforcement  
Division of Reactor Operations Inspection  
Washington, D. C. 20555

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