

DISTRIBUTION:  
 AEC PDR  
 Local PDR(2)  
 ✓ Docket File (ENVIRON) X & X  
 RP Reading  
 EP-4 Reading  
 EP-4 File  
 J.Scinto, OGC  
 F.St.Mary, L:EP-4  
 W.Regan, L:EP-4  
 R.Wade, L:EP-2  
 D.Muller, L:EP  
 A.Giambusso, L:RP  
 G.Lear, L:BWR-1  
 R.S.Boyd, L:BWR  
 H.Denton, L:SS  
 RO (3)  
 K.Dance, ANL  
 P.Gustafson, ANL

NOV 22 1972

Docket No. 50-331

Mr. Duane Arnold  
 Chairman of the Board & President  
 Iowa Electric Light and Power Company  
 Security Building, P. O. Box 351  
 Cedar Rapids, Iowa 52406

Dear Mr. Arnold:

In the course of continued environmental review of the Duane Arnold Energy Center, we have identified additional information which will be required to complete the review. Accordingly, please submit, by December 8, 1972, the information identified in the enclosure to this letter. If you are unable to provide the information by this date, please indicate an alternate date for submittal.

Your reply should consist of three signed originals and 297 additional copies as a sequentially numbered supplement to your Environmental Report. Please forward 200 of these copies and retain 100 for future use.

Sincerely,

Original signed by W. H. Regan, Jr.

Wm. H. Regan, Jr., Chief  
 Environmental Projects Branch #4  
 Directorate of Licensing

Enclosure:  
 Request for Additional Information

cc: Mr. J. Newman  
 Newman, Reis & Axelrad  
 1100 Connecticut Avenue, N.W., Suite 340  
 Washington, D.C. 20036

OFFICE ▶	L:EP-4 <i>JS</i>	L:EP-4 <i>WR</i>					
SURNAME ▶	FAST.Mary:es	WHRegan					
DATE ▶	11/21/72	11/21/72					

REQUEST FOR ADDITIONAL INFORMATION  
DUANE ARNOLD ENERGY CENTER

Docket No. 50-331

1. In view of the safety hazard involved in the storage and use of liquid chlorine, state why this method of chlorination was selected rather than that with sodium hypochlorite. Please provide a cost-benefit comparison for the use of liquid chlorine and sodium hypochlorite.
2. State why the DAEC sewage outfall was placed upstream of the intake rather than downstream. Please indicate the modification necessary to move the sewage outfall downstream of the intake.