

CORNING

ZIRCOA Products  
Ceramic Products Division  
Corning Glass Works  
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April 28, 1980

Mr. A. B. Davis, Chief  
Fuel Facility and  
Materials Safety Branch  
U. S. Nuclear Regulatory Commission  
Region III  
799 Roosevelt Road  
Glen Ellyn, Illinois 60137

Dear Mr. Davis:

In response to your letter of April 11, 1980, Zircoa will:

1. Contact members of Region III NRC for clarification.

- a. S. R. Lasuk - Done
- b. Dr. John Cooper - Done

The time these gentlemen spent discussing our situation is sincerely appreciated.

2. Cease all manufacturing and receiving of thoria. Done

3. Conduct a Geiger Counter survey of all "thoria" areas in the plant to locate all traces of thoria. Done

4. Place, if possible, all traces found (in 3) under lock. Done

Two kiln crowns will have to be dismantled and removed.

5. Continue existing personnel audit programs. Done

6. Contact recognized consultants to develop a detailed decommissioning program that will include the following: (and other items) through week of 5/8

a. Conduct radiological survey to identify contaminated materials and equipment.

b. Establish specific program and notify Region III NRC of program.

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- c. Package material and equipment for disposal in accordance with NRC Regulations.
- d. Clean designated areas and package cleaning materials for disposal.
- e. Conduct radiological survey to determine that program was successful.
- f. Arrange for transportation and disposal of packaged material.
- g. Report results of radiological survey to Region III and Washington NRC offices.

It is estimated this program will take six months to one year to complete; therefore, it is assumed that applying for a license is unnecessary.

The program will be expedited as judiciously as possible, using extreme caution at all times.

If there are any questions or if more information is required, we will respond as directed.

Very truly yours,

*Garth F. Austin*

Garth F. Austin  
Plant Manufacturing Engineer

GFA/ka

cc: Dr. John Cooper  
Mr. S. R. Lusak  
Mr. P. H. Woodard  
Mr. F. R. Cekella  
Mr. D. E. McBride