

October 1, 1986

S. F. Appliances, Ltd.  
Attn: Mrs. Bonnie J. Joneson  
Radiation Safety Officer  
613 W. Washington St.  
Morris, IL 60450

Gentlemen:

This is in reference to your application, dated July 29, 1986, to renew Byproduct Material License No. STB-258. In order to continue our review, we need the following additional information:

1. Please refer to the enclosed decontamination guidelines and submit your decontamination plan for those areas identified as contaminated during the Oak Ridge Associated Universities survey of October 26-31, 1985. As a minimum, this description should include:

a. A description of the techniques used to lower contamination levels to those listed in the enclosed decontamination guidelines.

b. the names of the individuals who will conduct the decontamination activities and a summary of their training and experience with source material, if not already submitted

c. A finite projected completion date for all anticipated decontamination activities.

2. Please submit a plan for the future decommissioning of your facility in accordance with the enclosed Draft Regulatory Guide Task CE 304-4. This submittal must identify and discuss factors that were considered in designing the plan, including an estimate of the costs involved and the financial arrangements that have been or will be made to ensure that adequate funds will be available to cover the costs of the decommissioning and site reclamation activities.

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3. Please describe in greater detail the filtration system mentioned in your May 12, 1986 letter and include what periodic maintenance will be conducted to insure acceptable system performance levels.

4. Please submit an ALARA program as described in the enclosed Regulatory Guide 8.10.

5. Please describe in greater detail, your system for collecting and analyzing air samples. As a minimum, this description should include identification of the equipment used for both sampling and analysis, minimum levels of detectability and placement of sampling equipment.

6. Please demonstrate what provisions you have in place for controlling abnormal occurrences such as fire or elevated releases of radioactive material. This discussion should, as a minimum, address these four areas:

a. What detection systems are available (i.e. heat, smoke, radiation) as well as their number and placement.

b. How the alarm/control system(s) will be activated (i.e. what set points would have to be reached or what circumstances would cause activation)

c. a description of all engineered systems designed to limit releases such as manual or automatic fire extinguishing systems, manual or automatic duct closures or fan shut-offs, etc. Your description of any manual system(s) should include copies of the instructions provided to employees on when and how to activate such systems.

d. a description of how you have coordinated your activities with outside emergency management agencies including how they have been notified of your activities, how frequently they will be retrained in the unique hazards associated with controlling emergencies at your facility as well as a copy of the procedures to be followed by employees for contacting these agencies (under what circumstances and by whom) in the event of an emergency.

7. Please clarify the chemical/physical form requested in Item 5 of your application. Item 6 states that only thoriated gas mantles will be used.

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CALL

We will continue our review of your application upon receipt of this information. Please reply in duplicate within 30 days and refer to Control No. 381847.

Sincerely,

*William J. Adam*

William J. Adam, Ph.D.  
Material Licensing Section

Enclosures:

- 1. Guidelines for Decontamination  
July 1982
- 2. Draft Reg. Guide Task CE 304-4
- 3. Reg. Guide 8.10

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