

DLR:RL  
40-6767

APR 5 1962

Stauffer Chemical Company  
Metals Division  
1201 South 47th Street  
Richmond, California

Attention: Mr. John M. Fitzpatrick  
Chief, Technical Services

Gentlemen:

This refers to your letter dated March 22, 1962, requesting a source material license.

In order for us to continue the review of your application, we require the following information:

1. More detailed description of the vacuum cleaner with water-tub precipitator which will be used to ventilate the saw and lathe operations including the capacity of the unit and collecting efficiency for the material involved.
2. More detailed description of your method for determining the concentrations of airborne radioactivity within the plant and in the effluent discharge from the plant including type of equipment.
3. The maximum surface contamination levels to be tolerated on the equipment and floors.
4. Will the same mold crucibles which are used for melting the uranium be used to process non-radioactive metals?
5. Describe the contamination surveys to be made on the internal surfaces of the furnaces and the subsequent decontamination procedures.

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Your application mentions the use of respiratory protective equipment. Please note that pursuant to Section 20.103 (c)(1) allowance shall not be made for the use of protective equipment such as respirators in determining the exposure of individuals to airborne concentrations of radioactivity without specific Commission approval. This does not mean, however, that respirators may not be used to further reduce below the limits of Part 20, the exposure of individuals to concentrations of airborne radioactivity in restricted areas. If you desire authorization to use respirators as in your application, the information specified in Section 20.103 (c)(3) should be submitted to this office. A copy of 10 CFR 20 is enclosed.

Very truly yours,

Donald A. Nussbaumer, Chief  
Source & Special Nuclear Materials Branch  
Division of Licensing and Regulation

Enclosure:  
10 CFR 20