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MAR 3 1964

DLR:DFM
48-1112

Union Carbide Corporation
Nuclear Division
270 Park Avenue
New York, New York 10017

Attention: Mr. Sylvan Cramer
Vice President

Gentlemen:

Pursuant to your request dated January 15, 1964, we have determined that you may dispose of uranium milling equipment and building materials from your mills and that the recipients do not require an AEC license provided that such equipment and materials meet the following specifications:

1. The maximum amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters shall not exceed 25,000.
2. The average amount of fixed alpha radioactivity in disintegrations per minute per 100 square centimeters shall not exceed 5,000.
3. The maximum amount of removable (capable of being removed by wiping the surface with a filter paper or soft absorbent paper) alpha radioactivity in disintegrations per minute per 100 square centimeters shall not exceed 1,000.
4. (a) The maximum radiation level at one centimeter from the most highly contaminated surface, measured with an open-window beta-gamma survey meter through a tissue equivalent absorber of at most seven milligrams per square centimeter, shall not exceed one millired per hour.
(b) The average radiation level at one centimeter from the most highly contaminated surface measured in the same

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manner as in 4. (u) shall not exceed 0.2 millirod per hour.

5. Records shall be maintained of each transfer of milling equipment and building materials including results of surveys to determine contamination levels, type of equipment and building materials transferred, and the name and address of the person or firm to whom the transfer was made.

6. Surveys shall be conducted in accordance with the procedures described in your letter of January 9, 1964.

This determination does not extend to the mill site including tailings and permanent structures.

FOR THE U. S. ATOMIC ENERGY COMMISSION

Director
Division of Licensing and Regulation

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