

LR:JCD  
70-139

AUG 15 1962

Engelhard Industries, Inc.  
D. E. Makepeace Division  
Pine and Dunham Streets  
Attleboro, Massachusetts

Attention: Mr. N. M. Weiss

Gentlemen:

Reference is made to the telephone conversation of July 23, 1962, between Mr. Norton Weiss and Mr. Delaney of this office, during which it was indicated that you may not wish to renew your license SM-185 beyond its current expiration date of September 30, 1962.

If this is the case, you should at least fifteen days prior to vacating the facility, or to using it for any purpose other than authorized under your license, or prior to September 15, 1962, whichever is earliest, submit to us a report indicating the levels of fixed and removable contamination existing in the facilities. We believe the following levels should not be exceeded:

1. For alpha radioactivity
  - a. 25,000 d/m/100cm<sup>2</sup> peak
  - b. 5,000 d/m/100cm<sup>2</sup> average
  - c. 1,000 d/m/100cm<sup>2</sup> maximum removable by wiping the area with a dry filter or soft absorbent paper.
  
2. Beta and Gamma
  - a. 1.0 millirad per hour maximum at one centimeter from any contaminated surface measured with a beta-gamma survey meter through a tissue equivalent absorber of not more than 7 mg/cm<sup>2</sup>.
  - b. 0.2 millirad per hour average, measured as above
  - c. 1,000 d/m/100cm<sup>2</sup> maximum removable by wiping the area with a dry filter paper or soft absorbent paper.

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Engelhard Industries, Inc.

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If detectable plutonium activity is present, the limits suggested in 1(a), (b) and (c) above should be decreased by a factor of ten.

Should you wish the license renewed, however, you should follow the instructions provided in our letter of July 25, 1962.

Very truly yours,

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

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