

LR:JCD  
70-90

JUN 18 1962

Engelhard Industries, Inc.  
113 Astor Street  
Newark 2, New Jersey

Attention: Mr. Lawrence C. Burman  
Manager, Atomic Energy Development

Gentlemen:

Special Nuclear Material License SNM-98 is hereby amended to expire December 31, 1962, in order to enable you to complete treatment and disposal of materials held under that license, and to complete clean-up of the plant.

At least fifteen days prior to vacating this facility, or to using it for any purpose other than authorized under your license, or prior to December 15, 1962, whichever is earliest, you are requested to 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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If detectable plutonium activity is present, the limits suggested in 1(a), (b) and (c) above should be decreased by a factor of ten.

FOR THE ATOMIC ENERGY COMMISSION

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

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