

DML:RLL  
70-687

Union Carbide Corporation  
P. O. Box 324  
Tuxedo, New York 10987

Attention: Mr. C. J. Konnerth  
Health Physics Supervisor

Gentlemen:

In connection with the review of your application for renewal of License No. SNM-639, we need the following:

1. Specification of (a) the types of activities in which the materials will be involved, and (b) the physical form for each of the materials.
2. Description of glove boxes including (a) materials of construction, (b) type atmosphere, (c) filtration of box exhaust and air supply, (d) minimum static pressure, (e) alarm instrumentation, (f) emergency power, and (g) method of introducing into and removing materials.
3. Description of hoods including (a) maximum quantities of plutonium and/or uranium 233 for each form to be used in the hood, (b) materials of construction, (c) minimum air flow at face of hood, (d) emergency power, (e) filtration of exhaust, (f) alarm instrumentation, (g) maximum permissible contamination level within hood, and (h) other features designed to control the spread of plutonium and/or uranium 233.

4. Description of bioassay program including criteria for determining frequency for collection of samples.

This letter is requested within thirty (30) days from the date of this letter. The expiration date for License No. SNM-639 is hereby extended to July 31, 1969.

FOR THE ATOMIC ENERGY COMMISSION

Original signed by  
Robert L. Layfield

Robert L. Layfield  
Source & Special Nuclear Materials  
Branch  
Division of Materials Licensing

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