

NMSS:CLC  
Control No. 461474

APR 23 1987

GSA/FEMA Radiological Supply Facility 7FBC-R  
ATTN: Mr. Carl White  
Radiation Safety Officer  
P. O. Box 60199  
Fort Worth, Texas 76115

Gentlemen:

This is in reference to your application dated April 13, 1987, requesting a byproduct material license for use of sealed sources for instrument calibration. As discussed with Mr. James Boyer by telephone on April 21, 1987, we have completed review of your application and have the following comments and need for additional information.

1. The Model 4D6X sealed source manufactured by Minnesota Mining is not listed in our catalog. Please reconfirm this model number. Also confirm as indicated by Mr. Boyer that you will possess five of these sources each consisting of 1 millicurie of Cs-137 and to be used in a FEMA Model V-757 barrier shielding demonstrator.
2. You should acquire a survey meter having the capability of measuring at least 1mR/hr. Designate the make and model number of the instrument that you use.
3. Your quarterly survey should include a measurement at a point outside and behind the wall where the Model CDV-794 calibrator will be positioned. Please confirm.
4. In addition to your quarterly survey you should conduct a direct survey in the vicinity of the calibrators each day that they are used. Describe your procedure for performing this survey.
5. Describe the instrumentation to be used to analyze leak test samples. Confirm that the sensitivity of this instrument will enable detection of 0.005 microcurie of Cs-137.
6. Mr. Boyer stated that the dosimeter vendor identified in the application has been replaced with another. Please identify the replacement.

RIV:NMSS *ok*      C:NMSS *ok*  
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GSA/FEMA Radiological  
Supply Facility 7FBC-R

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If we do not receive a reply from you within 30 calendar days from the date of this letter, we shall assume that you do not wish to pursue your application.

Please reply in duplicate and refer to Control No. 461474.

Sincerely,

*Signature of Michael D. Cain*  
C. L. Cain

C. L. Cain  
Nuclear Materials Safety Section

bcc:  
R. L. Bangart