

24-653-2

TEE:WOM (4967)

Oak Ridge, Tennessee  
July 16, 1957

Mr. Edward A. Gentry  
Personnel Manager  
Clevite Research Center  
Division of Clevite Corporation  
540 East 105th Street  
Cleveland 8, Ohio

Subject: APPLICATION FOR BYPRODUCT MATERIAL LICENSE

Dear Mr. Gentry:

Reference is made to your application for a byproduct material license dated April 5 and supplemental information submitted on July 3, 1957.

In a preliminary review of your radiography exposure device, Drawing No. 4-13X6241-001, it appears that the lead shielding is inadequate for the larger Cobalt 60 sealed sources and, therefore, will not meet the recommendations as outlined in Section II,B of the enclosed announcement entitled "Information on Licensing of Industrial Radiography Programs". We would like to receive a copy of your personnel film badge reports and details outlining procedures used to assure that maximum weekly personnel exposures will not exceed permissible limit of 300 mr.

We should like to point out that the GM type instrument (maximum range of 20 milliroentgens/hour) does not meet the recommendations for survey instruments in radiography programs, as outlined in Section II,B of the aforementioned announcement. Radiographers are required to have available instruments with a range from a few milliroentgens/hour to several roentgens/hour. We would like to receive the make, model number, and range of the high-range survey instrument which you will have available.

Is it your intention to use the exposure device mentioned above for all Cobalt 60 sources involved in your radiography program?

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Mr. Edward A. Gentry

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Upon receipt of the information requested, we shall continue our review of your application.

Very truly yours,

James W. Hitch, Assistant Chief  
Byproduct Licensing  
Isotopes Extension  
Division of Civilian Application

Enclosure:

Information on Licensing of Industrial Radiography Program.

Miller:bc

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