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CLEVITE RESEARCH CENTER

DIVISION OF CLEVITE CORPORATION

540 EAST 105TH STREET

CLEVELAND 8, OHIO



TELEPHONE: ULSTER 1-5500
CABLE ADDRESS: CLESEARCH

Ref: IEB:W4967

July 3, 1957

WOM

Mr. James W. Hitch, Assistant Chief
Byproduct Licensing Branch
Isotopes Extension
Division of Civilian Application
United States Atomic Energy Commission
Oak Ridge, Tennessee

Dear Mr. Hitch:

For your convenience, we will answer your letter in the sequence in which you asked for information.

We had four of our employees who handled our Cobalt 60 sealed sources or who were closest to the area in which it was handled, wear film badges for a 13 week period beginning the week of October 10, 1956 and extending through the week of January 2, 1957. The supplier of the film badge service was R. S. Landauer, Jr. & Company, 24 Plaza, Park Forest, Illinois. Our code numbers were 120-001, 120-002, 120-004 and 120-004. In all instances except one the doses were under 30 mr/wk. and in one instance the dose was 35 mr/wk. to an employee who was actually handling the Cobalt 60. We had the films developed one week by a special process which R. S. Landauer, Jr. assured us would extend the lower limit of determination to 10 mr or less. Three of these films read under 10 mr and one read 15 mr.

We have completed items 15 through 19 of the attached Form AEC-313 as you requested.

The combination exposure devices and portable containers, one of which is provided for each of our Cobalt 60 sealed sources, are of our own design. A drawing of them is attached. Our procedures for handling the sealed sources which are never taken out of these containers are described in detail in our answers to the questions in Form RC-17, "Information on Licensing of Industrial Radiography Programs".

The information which you requested on your Form RC-17, "Information on Licensing of Industrial Radiography Programs" is attached.

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CLEVITE RESEARCH CENTER

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CLEVITE
CORPORATION

TELEPHONE - ULSTER 1-5800
CABLE ADDRESS - CLESEARCH

Mr. James W. Hitch
U.S. Atomic Energy Commission

July 3, 1957

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We believe that this letter and the attached material gives you all the information you requested in order to consider our application for a renewal of our byproduct material license. We will be happy to give you any further information that you may wish.

Yours very truly,

CLEVITE RESEARCH CENTER

E. A. Gentry

E. A. Gentry
Personnel Manager

EAG:mnc

Enclosures: *AKW 9*

1. Form AEC-313
2. Information requested on Form RC-17
3. Laboratory Floor Plan
4. Combination exposure device portable container assembly drawing