



CABLE ADDRESS: NARESCO

NATIONAL RESEARCH CORPORATION

70 MEMORIAL DRIVE

CAMBRIDGE 42, MASSACHUSETTS

November 22, 1957

Mr. Cecil R. Buchanan
Chief of Civilian Application Branch
Isotope Extension
U. S. Atomic Energy Commission
P. O. Box E
Oak Ridge, Tennessee

Dear Mr. Buchanan:

Following your telephone conversation on November 19, 1957 with Dr. F. Vanderschmidt, we obtained a drawing of the source we wish to acquire from the Radiation Research Corporation.

Our present license permits us to obtain five 1" x 1" plaques of the titanium-tritium type from the U. S. Radium Corporation (see our explanatory letter of July 16, 1957). We would like to extend the license to include the Radiation Research Corporation as an alternate supplier; the source supplied by Radiation Research Corporation is essentially identical to that supplied by U. S. Radium, as indicated by comparison of the enclosed drawing with U. S. Radium's drawing.

The Radiation Research Corporation source material is available in arbitrary areas; we would like to obtain the material as 1" x 2" square plaques or 1" x 1" square plaques. (The amount of tritium contained in the material is one curie/square inch.)

Regardless of the area of the individual plaques, we do not feel that we will require a total of more than five square inches of titanium-tritium source, i.e., five curies, as we specified in the original application.

Specifically, we would like to amend our application in the following:

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313 Section 7: To include titanium plaques supplied by Radiation Research Corporation.

313 Section 10b: To include titanium plaques supplied by Radiation Research Corporation in enclosed drawing, and to include Radiation Research Corporation for disposal of scrap pieces.

313 Section 19: To include Radiation Research Corporation for disposal of scrap.

313b Section 1A: To include Radiation Research Corporation.

313b Section 1B: To include Radiation Research Corporation Model TT-1.

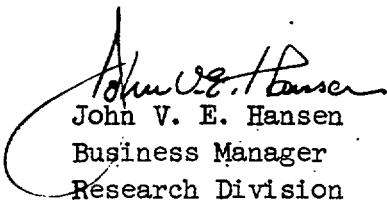
313b Section 3: To include Radiation Research Corporation.

313b Section 5: To include 1 currie per square inch, drawing TT-1.

We trust this information will suffice for amendment of our byproduct material license. If there are any questions, please do not hesitate to contact us.

Very truly yours,

NATIONAL RESEARCH CORPORATION


John V. E. Hansen
Business Manager
Research Division

JVEH/rac
Encl. 1