

File

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UNITED STATES RADIUM CORPORATION

535 PEARL STREET, NEW YORK 7, N. Y.

BLOOMSBURG DIVISION

TELEPHONE BLOOMSBURG, PA.
STERLING 43510

PLANTS AND LABORATORIES
BLOOMSBURG, PA.
BERNARDSVILLE, N. J.
WHIPPANY, N. J.
CABLE ADDRESS
RADELIN-NEW YORK

LPG *7246*

ADDRESS REPLY TO
P. O. BOX 380
BLOOMSBURG, PENNA.

August 1, 1956

Mr. Lester R. Rogers
Acting Chief, Allocations Branch
Isotopes Extension
Division of Civilian Application
U. S. Atomic Energy Commission
Oak Ridge, Tennessee

Dear Mr. Rogers:

I am enclosing USRC DWG LAB 468 of an Actinium-Beryllium Neutron Source for the Sandia Corporation using 50 mc. Ac 227 obtained on our License 37-30-1.

For your reference, the following encapsulation procedure was used per USRC Code I-1400:

- Isotope - Actinium
- Chemical form - hydroxide plus lanthanum hydroxide carrier.
- Physical form - mixed with beryllium powder in a pressed pellet.
- Housing - Monel, silver soldered.

The following information will be engraved on the sphere:

Radioactive
Actinium 227

Sealed 8-56
U. S. R. C.

Mr. T. W. Taylor has been in touch with the Sandia Corporation re their license; you should be hearing from them in the near future.

Very truly yours,
UNITED STATES RADIUM CORPORATION

H. H. Docley

H. H. Docley
Chief Chemist

HHD/jrn
Air Mail

Enc.

P.S. DWG mentioned above will be August 2, 1956.

II-159

File

8-3-56 (LRR)

Call from Mr. Dooley, U. S. Radium Corp., Bloomsburg, Pa., re a request from Rocca for a calibration source for his instrument. He stated they had cut a foil representing .005 uc of activity and will furnish this to Rocca to determine response of his instrument. Also discussed labeling with Mr. Dookey and suggested that they have "Caution - radioactive material _____ mc of Po 210 - hazardous if ingested or inhaled - do not touch silver foil with bare hands." He also inquired as to the status of a letter that he has forwarded on the fabrication of an actinium-beryllium neutron source for the Sandia Corp. He stated that it is a sphere doubly encapsulated and they have forwarded drawings to us. Since Sandia Corp. is exempt and is an AEC facility, suggested they could go ahead and ship source. We will review drawings and provide ~~xxx~~ any comments.

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