

Boulder Scientific Company

290 PEARL STREET
BOULDER, COLORADO

August 14, 1962

HILLCREST 2-2983

Director
Region IV
Division of Compliance
12,223
P. O. Box 15266
Denver 15, Colorado

Dear Sir:

On August 3, 1962, two inspectors from the Division of Compliance, USAEC, Region IV, visited our facilities. During their inspection they found certain aspects of our operation which were not in strict compliance with the regulations and they suggested changes in our procedures which if effected would bring us into compliance.

We wish to inform you that we have now made these suggested changes in procedure and we believe that our operation is in complete compliance with the regulations. The following changes have been made.

1. Date of measurement of the quantities of radioactive material. All containers in which radioactive material is stored have been labeled with the date of measurement of the quantities. These containers also bear a label bearing the radiation caution symbol and the words "Caution, Radioactive Material" and another label giving the quantity and kind of radioactive material.
2. Leak testing procedure. Leak testing of sealed sources will be performed with a 1-1/2" NaI scintillation detector. The sealed source will be wiped with a piece of filter paper and the filter paper will then be counted with the scintillation detector which has been previously calibrated in 0.001's of a microcurie. This scintillation detector has been set up, calibrated, and has been used in the leak testing of sealed sources.
3. Leak testing results. The results of the above leak tests are being recorded in units of microcuries.
4. Export of spent sources to Canada. All past exports of spent sources to the Atomic Energy of Canada, Ltd., are being reported to the USAEC, P. O. Box 2, Oak Ridge, Tennessee, Attn: Isotopes Division. This report contains the name and address of the consignee, the name and quantity of the byproduct material, and the date of shipment. In the future these reports will be made within 30 days of export.
5. Survey of Experimental Area. A radiation survey of the experimental area has been performed and the levels recorded. These surveys will be made monthly or whenever a source is changed, and also as time fragments.

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BOULDER SCIENTIFIC COMPANY

250 PEARL STREET
BOULDER, COLORADO

HILLCREST 2-3988

August 14, 1962

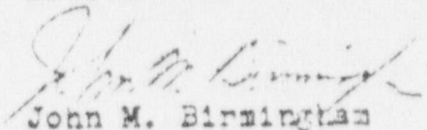
To: Director, Region IV, Division of Compliance, USAEC (Cont'd)

1. Survey of shipping containers. The radiation level of the shipping containers for the sealed sources will be measured at the surface of the container and at a distance of 1 meter from the shipping container. These values will be recorded. The Beryllium Analyzers will be surveyed at the surface, at 1 foot from the surface and at one meter from the center of the container. These values will also be recorded.

We now have a bound notebook for the above records. This notebook is divided into the following sections: Sources Received, Sources Shipped, Disposal of Sources, Leak test data, Radiation profile of Beryllium Analyzers and Surveys of experimental and storage area. This notebook will make it much easier to keep our records. Personnel exposure is maintained in a separate record.

We wish to express our thanks to the two inspectors for their most helpful suggestions.

Sincerely,
Boulder Scientific Co.


John M. Birmingham
President