

LR:EH

SEP 13 1962

The Bidd Company
Instruments Division
Phoenixville, Pennsylvania

Attention: Dr. John H. Buck
Vice President and
General Manager

Gentlemen:

This refers to the inspection conducted on May 3, 1962, of your activities authorized under AEC Byproduct Material License No. 37-611-4.

It appears that certain of your activities were not conducted in full compliance with the requirements of the AEC's "Standards for Protection Against Radiation," Part 20, and "Radiation Safety Requirements for Radiographic Operations," Part 31, Title 10, Code of Federal Regulations, in that:

1. No records were maintained of surveys conducted to determine compliance with 10 CFR 20.105 during the use of byproduct material on March 2, 1961, July 18, 1961, October 5, 1961, December 6, 1961 and December 15, 1961, contrary to 10 CFR 20.401(b), "Records of surveys, radiation monitoring and disposal."
2. Records were not in all cases maintained of leak tests conducted of byproduct material sealed sources, contrary to 10 CFR 31.105(c), "Leak testing of sealed sources."

This notice is sent to you pursuant to the provision of Section 2.201, "Notice of violation," of the AEC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of which is enclosed. This regulation requires that you be notified that you

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must notify this office in writing within thirty days of your receipt of this notice, admitting or denying the alleged violations, the reasons for the violations if admitted, the corrective steps taken or to be instituted in achieving correction and preventing further violations, and the date when full compliance has been or will be achieved.

In addition, 15 CFR 2.201(b) requires that you be notified that, if an adequate reply is not received within thirty days of your receipt of this letter, an order may be issued to show cause why the license should not be modified, suspended, or revoked or such other action may be taken as may be proper.

Based on information obtained during the AEC investigation on March 20, 1962, of a malfunctioning Budd Company Model 60A "Iriditron" at the A. O. Smith Corporation, Milwaukee, Wisconsin, it appears that the source cable of the "Iriditron" became detached from the inner drive cable during radiography. The apparent cause of the detachment was that an old-style replacement source was used with a new-style inner drive cable disconnect. These were sent to A. O. Smith from the Budd Company on March 16, 1962. Further, the fitting at the end of the source tube furnished with the source changer was too large to fit A. O. Smith's device. The transfer tube was apparently designed for use on a "Pulitron" rather than an "Iriditron." Also, we understand that the iridium 192 replacement source was not tagged in accordance with your normal procedures. In your reply to this letter you are requested to inform us of the steps you have taken or will take to assure that incidents of this nature will not occur in the future.

Very truly yours,

cc: Compliance Div., HQ
Compliance Div., I
Compliance Div., III
Public Document Room

Eber R. Price
Assistant Director
Division of Licensing
and Regulation

Enclosures:

1. 15 CFR 20
2. 15 CFR 31
3. 15 CFR 2