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Title: Letter re leaking Co-60 source

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10330

730-148

WJF:jp

22 DEC 1961

Director
Division of Licensing and Regulation
U. S. Atomic Energy Commission
Washington 25, D. C.

Dear Sir:

Leak testing has disclosed the presence of removable activity on one of our sealed Cobalt-60 sources. This report is made in accordance with the conditions of our Byproduct Material License No. 4-487-3, Amendment #5.

Cobalt-60 source #113, approximately 9.5 curies at this time, is used as a calibration source. It is enclosed in a lead shield with a conical exposure port. The source is raised into exposure position by compressed air.

Wipe tests disclose the presence of 0.3 μ c in the exposure port, and 7.7×10^{-3} μ c in the source tube. The source has been withdrawn from use and stored, pending either re-encapsulation or disposal as waste. All parts of the apparatus have been decontaminated. Radionalysis of urine specimens obtained from persons recently using this source were negative.

E. B. ROTH

Copy to:
Manager
AEC, SFOO
Berkeley, Calif.
BuShips (Code 362)

12ND-MI 4559 (Rev. 1-54)

*NAVY-MI-DPPOIEND

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| Code | 730 | 200 | 700 | 100 | 813A | | |
| Reviewed by | WJF | WJF | WJF | | | | |
| Date | 12/20 | 12/22 | 12-22 | | | | |

Initials hereon indicates that the person initialing has read and approved the correspondence and has no recommendation to make as to change therein.