

From: SAN BRUNO ARCHIVE

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HPS-HRA-312

Copier: Kenneth Baugh
Name

DOCUMENT

Achieve File ID: 181-94-016

Title: A leaking Cd¹⁰⁹ sealed source

Serial No: 730-364

Pages: 1

Notes: _____

10330

730-364
ALS:kmm
24 Apr 1968

From: Commanding Officer and Director
To: Director, Division of Materials Licensing, AEC
Via: Commander, Naval Electronics Systems Command (Code 65163)
Subj: A leaking ¹⁰⁹Cd sealed source; report of

1. In accordance with condition 12 of our Byproduct Material License 64-00487-03, Amendment 12, we are reporting the presence of removable contamination from one of our sealed sources.

2. On 19 October 1967, a 10 mCi Cd-109 source was fabricated by the Health Physics Division for use by our Radiation Instrument Branch personnel for use as a monoenergetic gamma standard. On 6 November 1967, removable contamination estimated at 0.04 µCi of Cd-109 was found on the source; the source was withdrawn from use, repaired, and reissued. A wipe of the source on 22 November 1967, revealed the presence of 1.1×10^{-5} µCi of contamination, well under the permissible limit.

3. We apologize for the delay, through our oversight, in the submission of this report.

T. R. BIRDWELL
By direction

Copy to:
Director, Region V AEC SFOO

*WSAEC mail DC. Bk.
CO: RH of 10 May 68
Sent via 730*

*See Nav Electronics
Systems Com 9900
Ser 102-0516 of 1 May 1968
1st. Encl. C/S 681415*

ORIGINAL NOT SEEN
IN THE MAIL ROOM

Allen