

15 May 1970

U. S. Atomic Energy Commission  
Director, Division of Materials Licensing  
Washington, D. C. 20545

Gentlemen:

The following information is supplied as required by General Electric's By-Product Materials License No. 37-02006-05:

Source - Cd 109

Source Description - 1 millicurie (3-2-70)  
1/8 inch spot on plastic backing covered with mylar cover.  
Tracerlab, 1601 Trapelo Road, Waltham, Massachusetts

Source History - The source was delivered to General Electric in March 1970 as a "sealed source". Initial leak tests indicated no contamination. On 6 May 1970 the source was accidently dropped and ruptured. The area was immediately cleaned; contamination surveys (after cleaning) showed 10,000 d/m in local areas. A second cleaning returned the area to background levels.

A leak test was not taken on the source at this time; however, it undoubtedly exceeded AEC levels and is thus being reported. The source was packaged and placed in a drum supplied by Radiological Service Company, 50 Van Euren Avenue, Westwood, New Jersey.

A urinalysis survey is being performed on all personnel involved. No contamination was spread out of the laboratory area.

Very truly yours,

*R. O. McClintock*  
R. O. McClintock  
Radiation Safety Officer  
Valley Forge Space Center

E-9

*DML: MB*

May 21, 1970

37-02006-05

General Electric Company  
Space Division  
Valley Forge Space Technology Center  
P. O. Box 8555  
Philadelphia, Pennsylvania 19101

Attention: Mr. R. O. McClintock  
Radiation Safety Officer

Gentlemen:

This will acknowledge receipt of your report dated May 13, 1970.

Your cooperation with us is appreciated.

Very truly yours,

Jack R. Roeder, Chief  
Materials Inspection and  
Enforcement Branch  
Division of Compliance

bcc: PDR )  
NSIC ) w/cpy ltr dtd  
-DML:MB ) 5/13/70  
Leaking Source File )

bcc: Mr. Thomas M. Gerusky, Director  
Office of Radiological Health  
Penn. Dept. of Health  
P. O. Box 90  
Harrisburg, Penn. 17120

CO:I  
DR Central File

CO CO  
RHandler:akb JRRoeder

5/21/70