

AUG 23 1982

Docket No. 70-00359

License No. SNM-336

University of Pittsburgh  
ATTN: Mr. E. D. Durkosh  
Radiation Safety Officer  
Pittsburgh, Pennsylvania 15261

Gentlemen:

Subject: Inspection No. 70-00359/82-01

This refers to the special safety inspection conducted by Mrs. Teresa Hall Darden of this office on July 21, 1982, of activities authorized by NRC License No. SNM-336 and to the discussions of our findings held by Mrs. Darden with yourself and Ann Maitz at the conclusion of the inspection, and to a subsequent telephone discussion between Mrs. Darden and yourself on August 4, 1982.

The area examined during this inspection was limited to a review of those activities conducted under your license relating to plutonium/beryllium (Pu/Be) sealed sources. The Department of Energy has identified PuBe sources with end caps not welded in place and has recommended appropriate nondestructive examination of the outer end cap welds of all PuBe sources. The inspector visually examined the welds of your PuBe sources. No apparent defects were identified. Also discussed was the nondestructive testing already performed by qualified personnel and the radiation safety precautions that were taken during such tests. A wipe sample was taken from each end cap weld area and was analyzed in our Regional Office Laboratory. This analysis identified no significant, removable radioactive contamination which is in agreement with your leak test results. It is our understanding that you plan to dispose of the source. Within this area, the inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.


Within the scope of this inspection, no violations were observed.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the Public Document Room.

No reply to this letter is required. Your cooperation with us in this matter is appreciated.

Sincerely,

Original Signed By:  
John D. Kinneman

 Thomas T. Martin, Director  
Division of Engineering and  
Technical Programs

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University of Pittsburgh

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AUG 23 1982

cc:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
Commonwealth of Pennsylvania

bcc:  
Region I Docket Room (with concurrences)  
Chief, Operational Support Section

*Kinneman*  
for  
RI:DETP  
Darden/dmg  
8/19/82

*Kinneman*  
RI:DETP  
Kinneman  
8/20/82

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