

SEP 1 1982

Docket No. 70-0755

License No. SNM-949

Fairfield University  
ATTN: Dr. Victor J. Newton  
Chairman, Department of Physics  
Fairfield, Connecticut 06433

Gentlemen:

Subject: Inspection No. 82-01

This refers to the special safety inspection conducted by Mr. C. Stearns of this office on June 29, 1982, of activities authorized by NRC License No. SNM-949 and to the discussions of our findings held by Mr. Stearns with yourself at the conclusion of the inspection.

The inspection included a review of those activities conducted under your license relating to plutonium/beryllium (PuBe) 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 source. No apparent defects were identified; however, the inspector also discussed the advantages of conducting additional nondestructive tests by qualified personnel and appropriate radiation safety precautions during such tests. A wipe sample was taken from each end cap weld area was analyzed in our Regional Office Laboratory. This analysis identified no significant removable radioactive contamination, which is in agreement with your leak test results.

Our inspector also verified the steps you have taken to correct the violation brought to your attention in the enclosure to our letter dated October 22, 1975. We have no further questions regarding your action at this time.

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:

**JORDAN DAVIS**

for

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

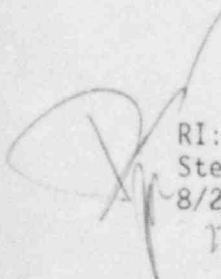
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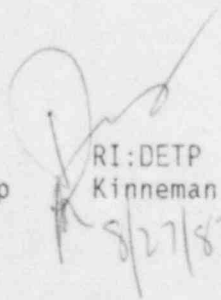
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cc:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of Connecticut

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

  
RI:DETP  
Stearns/lp  
8/24/82  
17

  
RI:DETP  
Kinneman  
8/27/82

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