

AUG 24 1982

Docket No. 30-04545

License No. 19-0833-02

Defense Nuclear Agency  
Armed Forces Radiobiology  
Research Institute  
ATTN: Dr. Maresh Chawla, Ph. D.  
Radiation Safety Officer  
Bethesda, Maryland 20014

Gentlemen:

Subject: Inspection No. 30-04545/82-01

This refers to the special safety inspection conducted by Mrs. Teresa Hall Darden of this office on July 30, 1982, of activities authorized by NRC License No. 19-0833-02 and to the discussions of our findings held by Mrs. Darden with yourself and Sgt. Larry Vernon of your staff at the conclusion of the inspection.

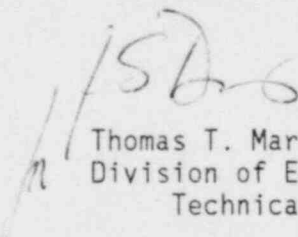
The area examined during this inspection was limited to a review of those activities conducted under your license relating to plutonium/beryllium (Pu/Be) sealed sources. The Department of Energy has identified PuBe sources with end caps not welded in place and has recommended appropriate nondestructive examination of the outer end cap welds of all PuBe sources. The inspector visually examined the welds of your PuBe 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 the end cap weld area and analyzed in our Regional Office Laboratory. This analysis identified no significant, removable radioactive contamination which is in agreement with your leak test results. 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,

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

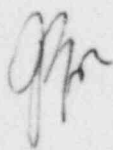
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cc:  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of Maryland


Officer in Charge  
Naval Energy and Environmental Support Activity  
ATTN: Code 40  
Port Hueneme, California 93043

Head Radiological Affairs Support Program  
Department of the Navy  
Naval Facilities Engineering Command  
200 Stoval Street  
Alexandria, Virginia 22332

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



RI:DETP  
Darden/dmg  
8/23/82



RI:DETP  
Kinneman  
8/23/82

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