

Docket No. 70-0062+

AUG 9 1982

License No. SNM-566

Gulf Research and Development Company  
ATTN: D. H. A. LaRue  
President  
P.O. Drawer 2038  
Pittsburgh, Pennsylvania 15230

Gentlemen:

Subject: Inspection No. 70-00624/82-01

This refers to the special safety inspection conducted by Mr. R. H. Ladun of this office on July 15, 1982 of activities authorized by NRC License No. SNM-566 and to the discussions of our findings held by Mr. Ladun with Mr. D. F. Rhodes of your staff at the conclusion of the inspection.

This inspection was limited to 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 your four PuBe sources. The inspector visually examined the welds of your two PuBe sources. 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 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. 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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Gulf Research & Development Co.

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

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

*for Kinneman*  
RI:DETP  
Ladun:as  
7/22/82

*Kinneman*  
RI:DETP  
Kinneman  
8/5/82

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