

MAR 24 1983

Docket Nos. 030-01786  
030-06922  
030-08478  
030-17872  
070-01366

License Nos. 19-00296-10  
19-00296-12  
19-00296-17  
19-00296-20  
SNM-1345

Department of Health & Human  
Services  
National Institute of Health  
ATTN: Dr. James Wyngaarden,  
Director  
9000 Rockville Pike  
Bldg. 2i, Room 110  
Bethesda, Maryland 20205

Gentlemen:

Subject: Inspection No. 83-01

This refers to the routine safety inspection conducted by Mrs. Teresa Hall Darden of this office on February 16-18, 1983 of activities authorized by NRC License Nos. 19-00296-10, 19-00296-12, 19-00296-17, 19-00296-20, and SNM-1345 and to the discussions of our findings held by Mrs. Darden with Dr. R. J. Augustine and Mr. Zoon of your staff at the conclusion of the inspection.

The inspection was an examination of activities conducted under your licenses as they relate to radiation safety and to compliance with the Commission's rules and regulations and the conditions of your licenses. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, measurements made by the inspector, and observations by the inspector.

With regard to License No. 19-00296-10, the inspection was limited to a review of those activities conducted under this 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 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 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.

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PDR ADOCK 07001366  
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Department of Health & Human  
Services

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

Sincerely,

Original Signed By:  
John D. Kinneman

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

cc:  
Dr. R. J. Augustine, Ph.D., Radiation Safety Officer  
Public Document Room (PDR)  
Nuclear Safety Information Center (NSIC)  
State of Maryland

bcc:  
Region I Docket Room (w/concurrences)  
Senior Operations Officer (w/o encls)

*for*  
RI:DETP  
Darden/pja  
3/22/83

*Kinneman*  
RI:DETP  
Kinneman  
3/22/83

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