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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION I  
631 PARK AVENUE  
KING OF PRUSSIA, PENNSYLVANIA 19406

JUL 11 1980

Docket Nos. 30-03918  
30-06894  
30-03919  
30-09796  
30-11675  
40-04348

U. S. Department of Commerce  
National Bureau of Standards  
ATTN: Mr. L. E. Pevey  
Chief, Occupational Health and Safety  
Division  
Building 301, Room B-126  
Washington, D. C. 20234

Gentlemen:

Subject: Combined Inspection Nos. 30-03918/80-01, 30-06894/80-01, 30-03919/80-01,  
30-11675/80-01, and 40-04348/80-01

This refers to the routine inspection conducted by Dr. L. F. Friedman of this office on June 19-20, 1989, of activities authorized by NRC License Nos. 08-00566-05, -10, -11G, -12, -13E, SMB-405 and to the discussions of our findings held by Dr. Friedman with yourself and others 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.

In addition, our inspector took a water sample from your irradiator pool. This sample was analyzed in our Regional Office Laboratory in King of Prussia, Pennsylvania. The basic purpose of this independent measurement was to verify your capability for identifying and evaluating radioactive contaminants in the pool water. The results of our analysis indicate compliance with applicable license conditions and were in agreement with your analysis.

Within the scope of this inspection, no items of noncompliance were observed.

From the discussion of our findings at the conclusion of the inspection, we understand that you plan to institute a program to test the entry control devices on all your irradiators so equipped. Further, we understand that you are considering a test schedule for other safety devices on your in-air irradiators.

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U. S. Department of Commerce

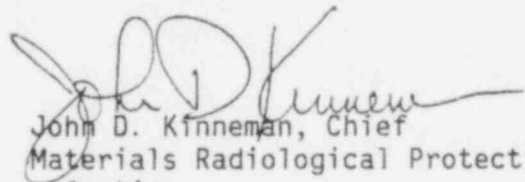
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You are advised that any new procedures developed should be submitted to the USNRC, Material Licensing Branch, Division of Fuel Cycle and Material Safety, Washington, D.C. 20555, with a request that your license be amended to include them. We will review this matter during the next inspection of your licensed program.

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; however, should you have any questions concerning this inspection, we will be pleased to discuss them with you.

Sincerely,

  
John D. Kinneman, Chief  
Materials Radiological Protection  
Section

cc:

T. G. Hobbs, Chief, Health Physics