



University of Massachusetts

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Gail Frieswick
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Mohamed M. Shanbaky
Nuclear Materials Safety Section A
Division of Radiation Safety
and Safeguards
U. S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

August 21, 1990

Dear Sir:

This letter is in response to your letter of July 26, 1990 which describes the findings of the inspection of our facilities on May 22, 23, and 24, 1990 by Steven Courtemanche of your staff (Docket No. 030-01972). The items of noncompliance noted during that inspection have been dealt with in the following manner:

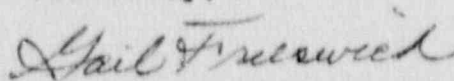
- A. As noted during the inspection, our Radiation Safety Committee modified the in-house license of the authorized user responsible for the unintentional disposal so that two specifically identified individuals have been assigned the operational health physics duties in that laboratory. Following a retraining meeting with our Radiation Safety Officer the laboratory was allowed to resume work with licensed material. With regard to this item full compliance has been achieved.
- B. License No. 20-13758-01 has been amended to increase our ⁵¹Chromium possession limit to 500 millicuries. The individual who performs the monthly inventory tallies has been instructed to immediately inform the Radiation Safety Officer if we reach 80 % of any possession limit. With regard to this item full compliance has been achieved.

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C. Our molybdenum breakthrough procedure has been amended to include the use of a multiplicative correction factor of 3.5. We noted that most of the survey and constancy check errors occurred on weekends. The staff who have been assigned these tasks have been retrained and instructed that the same procedures used on weekdays are to be followed on weekends. Our Radiation Safety Officer will inspect these records once each month and notify the Clinical Director of Nuclear Medicine, the Radiopharmacist, and the appropriate administrator when errors are noted. With regard to these items full compliance has been achieved.

I wish to thank Mr. Courtemanche for a thorough and professional inspection and appreciate the helpful suggestions he offered during his survey of our facility. If you require further information please contact our Radiation Safety Officer, Mr. Joseph Bakanauskas at (508)-856-4901.

Sincerely,



Gail Frieswick, Ed.D.
Hospital Director

cc: A. B. Brill, M.D., Ph.D., Chairman of Radiation Safety Committee
J. Bakanauskas, Radiation Safety Officer