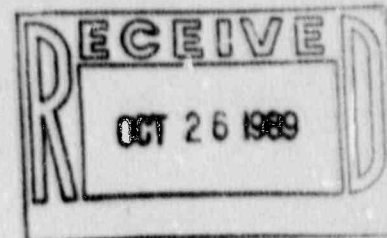


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License: 35-14046-02  
Docket: 30-12154/89-01  
Date: October 10, 1989



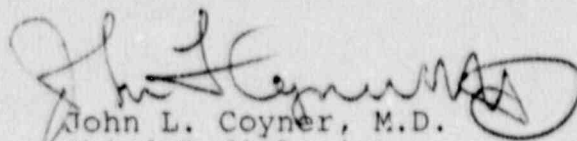
United States Nuclear Regulatory Commission  
Region IV  
611 Ryan Plaza Drive, Suite 1000  
Arlington, Texas 76011

Gentlemen:

This letter is in response to the written notice of violation received during the unannounced radiation safety inspection conducted by Mr. Wesley L. Holley on August 28, 1989. At that time, two violations of 10 CFT 35.204 were discovered. At the time of the violations, the technologist responsible for the daily elution and patient injections, was still under the assumption that the old standard of 1.0uCi molybdenum-99 per 1.0mCi of technetium-99m, not to exceed 5uCi of molybdenum per patient dose, was the accepted NRC allowance. These two elutions would not have intentionally been used for patient injections, but instead been discarded and a new elution would have been drawn for patient use, provided it was within the acceptable limits. Soon after the last instance cited, which was July 1, 1988, the technologist responsible was informed of the change in NRC accepted molybdenum-99 allowances. No technetium-99m elution with molybdenum levels above 0.15uCi of molybdenum-99 per 1.0mCi technetium-99m has been used for patient injections since July 1, 1989. According to our records, no elutions have been above 0.15uCi of molybdenum per 1.0mCi of technetium-99m since July 1, 1988.

Since the inspection of August 28, 1989, all personnel working in the Nuclear Medicine department have been instructed to read all NRC notices very carefully and implement any changes immediately into our standard policies and procedures. We foresee no future incidents involving the violation of 10 CFR 35.204.

Sincerely,

  
John L. Coyner, M.D.  
Chief Radiologist  
SJRMC

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