

October 10, 1990

Mohamed M. Shanbaky, Ph.D., Chief
Nuclear Materials Safety Section A
U.S. Nuclear Regulatory Commission
Region I
475 Allendale Road
King of Prussia, PA 19406

Re: License Number: 37-21345-01MD
Docket Number: 030-20537

Dear Dr. Shanbaky:

The following items alphabetically correspond to the Notice of Violation dated September 18, 1990.

- A. The nuclear pharmacy has placed on file complete documentation regarding the Department of Transportation (DOT) package testing results for Type A package. Containers will be used according to the DOT package testing certificate on file. Documentation is on file as of August 1, 1990.
- B. Concentration of Iodine-131 in air will be measured on a quarterly basis. Measurements will be taken at the glove box (where radioactive iodine is stored) in addition to those sites listed in the original license application. Air concentration levels are evaluated on a quarterly basis as of September 1, 1990.
- C. Individuals working in the radiopharmacy laboratory handling unbound Iodine-131 (radiopharmacists) undergo thyroid bioassay evaluations on a monthly basis. Any other individuals in the vicinity of the radiopharmacy laboratory at the time of Iodine handling will also undergo thyroid bioassay evaluations on a monthly basis.

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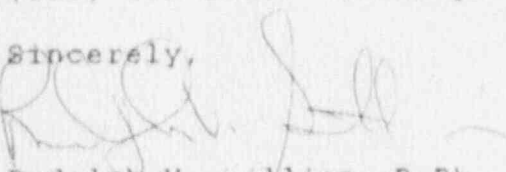
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As it has been in the past, we will follow the action levels listed in NRC Regulatory Guide 8.20 "Application of Bioassay for I-125 and I-131", Revision 1. Whenever the thyroid burden of an individual exceeds 0.04 uCi of I-131, at the time of measurement, an investigation of the incident will be carried out to determine the cause of exposure.

This procedure has been initiated as of October 1, 1990.

If there are any questions, do not hesitate to contact me at (215) 532-2248. Thank you for your assistance.

Sincerely,



Rudolph V. Williams, R.Ph.
Radiation Safety Officer and R.S.O.

c: W. Fadling, Manager Diagnostic Imaging Services
A. Williams, Manager NMA Medical Physics Consultation
R. Nickel, Regional Manager Diagnostic Imaging Services
S. Surovi, Consultant, NMA Medical Physics Consultation