


Spelman Memorial Hospital

 A friend to care

August 15, 1983

D.G. Wiedeman, Chief
Materials Radiation Protection Section I
United States Nuclear Regulatory Commission Region III
799 Roosevelt Road
Glen Ellyn, IL. 60137

Dear Mr. Wiedeman:

Following is our written statement of explanation in reply to the safety inspection conducted by W.P. Reichhold of your office on June 29, 1983 of activities authorized by our NRC Byproduct Material License No. 24-18631-01.

1. License Condition No. 18 requires that all licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated November 28, 1978.

The application states that the rules described in Appendix G of the draft guide for medical programs, NUREG-0338, Revision 1, shall be followed in the laboratory. Appendix G states that hands and clothing will be monitored for contamination after each procedure or before leaving the area.

Contrary to this requirement, hands and clothing were not monitored after each procedure or before leaving the area.

This is a Severity Level IV violation (Supplement VI).

It has been standard procedure for our technologist to monitor their hands and clothing before leaving the area; however, we have not documented this information. All technologists have been directed to document this information, and forms for this will be provided. Full compliance was achieved on August 10th, 1983.

2. License Condition No. 18 requires that all licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated November 28, 1978.

The application states that the procedures described in Appendix D, Section 2, of the draft guide for medical programs NUREG-0338, Revision 1, shall be followed for calibration of the dose calibrator. Appendix D, Section 2, states that daily constancy checks of the dose calibrator shall include the measurement of a long lived standard on all commonly used radionuclide settings.

Contrary to this requirement, daily constancy checks were not

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performed on all the commonly used radionuclide settings. Specifically, daily constancy checks were not performed on the Technetium-99m, Xenon-133, and Iodine-131 settings.

A form has been provided for performing daily constancy checks for all of the commonly used radionuclide setting.

All technologists have been directed to perform these constancy checks using the 137-Cesium standard for all commonly used radionuclide settings. Full compliance was achieved on August 10, 1983.

3. License Condition No. 18 requires that all licensed material be possessed and used in accordance with statements, representations and procedures contained in application dated November 28, 1978.

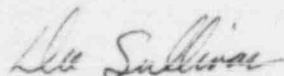
The application states that the Xenon-133 charcoal trap will be checked for leakage with a low level survey meter before and after the trap is used.

A form has been provided for documenting the low level survey meter reading when checking trap leakage before and after the trap is used. The technologists have been directed to check for leakage with the low level survey meter reading before and after the trap is used and to document this information.

Full compliance was achieved on August 10, 1983.

If you have any questions concerning our response, please do not hesitate to contact us.

Sincerely,



Dee Sullivan, R.T., N.M.T.
Radiology Manager