



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION III  
2443 WARRENVILLE ROAD STE 210  
LISLE, ILLINOIS 60532-4352

JAN 25 2008

Tshiswaka Kayembe, M.D.  
Radiation Safety Officer  
Midwest Health Professionals, P.C.  
11520 St. Charles Rock Road  
Suite 106  
Bridgeton, MO 63044

Dear Dr. Kayembe:

Enclosed is Amendment No. 04 to your NRC Material License No. 24-32391-01 in accordance with your request. Please note that the changes made to your license are printed in **bold font**.

Please review the enclosed document carefully and be sure that you understand all conditions. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region III office at (630) 829-9887 so that we can provide appropriate corrections and answers.

**Please note that we have reformatted Subitem Nos. 7.A., 9.A. and 12.B. at this time to remove all references to excluded authorizations, including generators, aerosols, xenon-133 and restrictions to cardiovascular clinical studies. Please be reminded, however, that you are still bound by the restrictions imposed by the commitments made in documents incorporated into your license in Condition No. 15 of your license.**

**I also added new Condition Nos. 13 and 14 to your license, which are now standard conditions for your type of license. These conditions should not have an effect on your licensed activities.**

It appears that you are relocating to a new address soon. Therefore I have added your new location of use to Condition No. 10. After you have moved, you must then perform a close out survey because we cannot authorize you to release your former location of use at 3472 Bridgeland Drive, Bridgeton, Missouri for unrestricted use (even by other members of your staff) until we have received and reviewed a copy of the results of your close-out survey.

The survey should consist of exposure rate measurements to show that all sources of radioactive material have been removed, as well as contamination checks of areas where radioactive materials were used or stored. Radiation levels associated with surface contamination and removable contamination should not exceed those specified in your license. Please also note the radiation survey requirements in 10 CFR 20.1501 and the survey guidance in NUREG 1556, Vol. 9, Rev. 1, Appendix R. Please submit the following information with your close-out survey:

- a. A diagram of the facility (no blueprints or copies of blueprints, please) with actual dose rate survey measurements and wipe test results keyed to specific locations.

- b. The name of the person performing the survey.
- c. The date the survey was performed.
- d. The instrument(s) used for exposure rate measurements and for analysis of the wipes.
- e. Background readings and each instruments' efficiency or correction factor, including the radionuclides used as standards to determine instrument efficiency/correction factors (should be of sufficient energy ranges to capture all radionuclides used over the course of licensed activities.)
- f. The action level for each instrument used and whether the action levels were exceeded for both the wipe test results and the dose rate survey measurements. If action levels were exceeded, corrective actions taken and results of re-surveys should be provided.
- g. The date(s) that the survey instruments were last calibrated.

**When submitting the revised close-out survey, please reference it as additional information to Control No. 316801 and submit it to my attention. We will then continue our review.**

NRC's Regulatory Issue Summary (RIS) 2005-31 provides criteria to identify security-related sensitive information and guidance for handling and marking of such documents. This ensures that potentially sensitive information is not made publicly available through ADAMS, the NRC's electronic document system. Pursuant to NRC's RIS 2005-31 and in accordance with 10 CFR 2.390, the enclosed license document is exempt from public disclosure because its disclosure to unauthorized individuals could present a security vulnerability.

The RIS may be located on the NRC Web site at: <http://www.nrc.gov/reading-rm/doc-collections/gen-comm/reg-issues/2005/ri200531.pdf> and the link for frequently asked questions regarding protection of security related sensitive information may be located at: <http://www.nrc.gov/reading-rm/sensitive-info/faq.html>.

A copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). The NRC's document system is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

You will be periodically inspected by NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action against you. This could include issuance of a notice of violation, or imposition of a civil penalty, or an order suspending, modifying or revoking your license as specified in the General Statement of Policy and Procedure for NRC Enforcement Actions.

T. Kayembe

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Since serious consequences to employees and the public can result from failure to comply with NRC requirements, prompt and vigorous enforcement action will be taken when dealing with licensees who do not achieve the necessary meticulous attention to detail and the high standard of compliance which NRC expects of its licensees.

Sincerely,

A handwritten signature in cursive script that reads "Colleen Carol Casey".

Colleen Carol Casey  
Materials Licensing Branch

License No. 24-32391-01  
Docket No. 030-35989

Enclosure:

Amendment No. 04