



Official Use Only - Security-Related Information

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

SEP 30 2010

Joseph T. Rakowski, Ph.D.
Radiation Safety Officer
Karmanos Cancer Center
4100 John R Street
Detroit, MI 48201

Dear Dr. Rakowski:

Enclosed is Amendment No. 53 to your NRC Material License No. 21-04127-06 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.

This also refers to the telephone discussion between you and me on September 30, 2010, concerning the possession limits for Materials in Subitem Nos. 8.C. and 8.D. I adjusted the possession limit for materials in 8.C. slightly to accurately account for the number of sources and the maximum activity permitted in each.

You and I then agreed to use "500 kilograms" as a "placeholder" possession limit to accommodate the depleted uranium (DU) shielding in the devices listed in Subitem Nos. 6.A. and 6.B. and the linear accelerator.

We also agreed that when you achieve contact with the linear accelerator vendor and determine how much you actually need, you will submit an amendment request to adjust this possession limit. For now though, you believed that "500 kilograms" would be more than sufficient.

You also agreed to submit an amendment request, which can be combined with the DU amendment, to delete the authorization in Subitem Nos. 6. through 9.K., because this material is no longer manufactured or available. In order to delete this from your license, please submit appropriate documentation addressing when and where it was last used, decayed-in-storage or disposed of, and its last leak test. Please contact me for further information at the phone numbers below, if necessary.

Please submit your amendment requests addressed to my attention and referenced as "additional information to Control No. 573189" to facilitate proper handling in our offices.

At this time I also deleted Condition No. 17, as it appeared on Amendment No. 52, because it is no longer necessary. This condition was formerly used when a license authorized a material without an appropriate possession limit, which is no longer the case with this license.

If you have any questions concerning this amendment please contact me at either (630) 829-9841 or (800) 522-3025, ext. 9841. My fax number is (630) 515-1078.

Official Use Only - Security-Related Information

The enclosed document contains sensitive security-related information.
When separated from this cover letter this letter is uncontrolled.

Official Use Only - Security-Related Information

J. Rakowski

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. 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,



Colleen Carol Casey
Materials Licensing Branch

License No. 21-04127-06
Docket No. 030-09376

Enclosure:

Amendment No. 53

Official Use Only - Security-Related Information