



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

MAY 09 2007

Frederick B. Entwistle, Manager
Corporate Health Physics
3M Company
3M Corporate Health Physics
3M Center, Bldg. 220-3W-06
P.O. Box 33283
St. Paul, MN 55133-3283

Dear Mr. Entwistle:

Enclosed is Amendment No. 38 to your NRC Material License No. 22-00057-61 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 amendment authorizes the possession and use of licensed material in your new irradiator. Please contact me at either (630) 829-9841 or (800) 522-3025 if you have any questions or concerns about this amendment.

Please note that, at this time, I deleted Condition No. 13, as it appeared on Amendment No. 37, because the requirements in 10 CFR 36.59 have superseded the need to continue this condition separately.

Please also note the addition of a new Condition No. 11.B., pertaining to authorized users for the new irradiator and a new Condition No. 20, concerning the need to evaluate the effects of heating of the shield walls by the irradiator sources, pursuant to 10 CFR 36.39(a), in either of the irradiators.

Condition No. 21 has also been revised to accommodate the documents pertaining to the authorization for the new irradiator.

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,

A handwritten signature in black ink that reads "Colleen Carol Casey". The signature is written in a cursive style with a large initial "C".

Colleen Carol Casey
Materials Licensing Branch

License No. 22-00057-61
Docket No. 030-14999

Enclosure: Amendment No. 38