



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION III
2443 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4352

DEC 20 2004

Michael Klug, R.Ph
Radiation Safety Officer
Mallinckrodt Inc.
675 McDonnell Blvd.
St. Louis, MO 63134

Dear Mr. Klug:

Enclosed is Amendment No. 27 to your NRC Material License No. 24-04206-10MD 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.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure 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).

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "James R. Mullauer".

James R. Mullauer, M.H.S.
Health Physicist
Materials Licensing Branch

License No. 24-04206-10MD
Docket No. 030-29675

Enclosure: Amendment No. 27