



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE ROAD  
LISLE, ILLINOIS 60532-4352

MAY 25 2005

Julia M. (Shan) Marlette, M.S.  
Radiation Safety Officer  
Marquette General Health System  
580 West College  
Marquette, MI 49855-2705

Dear Ms. Marlette:

Enclosed is Amendment No. 53 to your NRC Material License No. 21-05432-04 in accordance with your request.

Please review the enclosed document carefully and be sure that you understand all conditions. Please note that the changes made to your license are printed in **bold** font. 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 deletes authority for the use of strontium-90 in the Novoste intravascular brachytherapy devices. To prevent re-ordering of line items, I added your new authorization for yttrium-90 SIR-spheres in item 6.G., in place of the strontium-90 Novoste sources/device authorization. In addition, several license conditions were also deleted, modified and/or re-ordered as a result of these changes in authorization.

Please contact me at (630) 829-9841 if you have any questions concerning this amendment.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically 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 enclosed license document is exempt from public disclosure in accordance with 10 CFR 2.390, because its disclosure to unauthorized individuals could present a security vulnerability.

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 cursive script that reads "Colleen Carol Casey".

Colleen Carol Casey  
Materials Licensing Branch

License No. 21-05432-04

Docket No. 030-18133

Enclosure: Amendment No. 53