



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

AUG 16 2021

Walter J. Kopecky, Ph.D.
Radiation Safety Officer
Saint Francis Medical Center
211 Saint Francis Dr.
Cape Girardeau, MO 63703

Dear Dr. Kopecky:

Enclosed is Amendment No. 79 to your NRC Material License No. 24-00158-03 in accordance with your request.

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 this amendment we deleted Condition No. 13, as it appeared on Amendment No. 78, because the guidance for the glass microspheres states:

“6.5 Inventory

Due to the short half-life of Y-90 (64 hours) and the fact that microspheres are not managed as individual discrete sources, the requirements in [10 CFR 35.67](#) for semi-annual physical inventory of brachytherapy sources and recordkeeping in [10 CFR 35.2406](#) are not applicable to microspheres. Rather, the requirements for brachytherapy source accountability (10 CFR 35.406), receipt (10 CFR 20.1906), labeling (10 CFR 20.1904 and 10 CFR 35.69), storage (10 CFR 20.1801 and 10 CFR 35.92), and disposal (see the “Waste Disposal Issues” section of this guidance document) are sufficient to ensure accountability of Y-90 in the form of microspheres possessed by a licensee.”

Your license conditions have been subsequently re-ordered to reflect this change.

If you have any questions concerning this amendment please contact me at either (630) 829-9841. My fax number is 630-515-1078. My email address is colleen.casey@nrc.gov.

As requested below, please contact me to discuss the status of your authorization for materials in 10 CFR 35.500, i.e., gadolinium – 153 sources, upon receipt of this letter. I can be reached at (630) 829-9841 or colleen.casey@nrc.gov. My fax number is (630) 515-1078. Contacting me via email to arrange the call is usually the quickest and easiest way to do so.

Please do not submit anything to us regarding the gadolinium -153 source until we have discussed its status in a phone call.

The purpose of our call will be to discern the current status, past disposition and future intentions of your authorization for materials in 10 CFR 35.500.

Please note that 10 CFR 35.92 does not apply to gadolinium-153 because it has a half-life of 242 days and 10 CFR 35.92 is limited to radionuclides with a half-life of less than or equal to 120 days. So if you are in possession of these sources and if you do not plan to use them going forward, you would have to dispose of them to an appropriately licensed entity, in accordance with 10 CFR 30.41 and 10 CFR Part 20.

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 NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

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. The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture.

You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web site at <http://www.nrc.gov/about-nrc/regulatory/enforcement/safety-culture.html>. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

Sincerely,



Colleen Carol Casey
Health Physicist
Materials Licensing Branch

Enclosure:

Amendment No. 79
License No. 24-00158-03
Docket No. 030-02269