



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION III
2443 WARRENVILLE RD. SUITE 210
LISLE, IL 60532-4352

March 27, 2015

Nick Lannutti, M.S.
Radiation Safety Officer
Mercy Hospital Springfield
1235 East Cherokee street
Springfield, MO 65804

Dear Mr. Lannutti:

We have reviewed your license amendment request regarding authorization for the use of Y-90 Sir-Sphere microspheres. Based on the Licensing Guidance for Microsphere Brachytherapy Sources and Devices, which is posted on the NRC's website located at <http://pbadupws.nrc.gov/docs/ML1217/ML12179A353.pdf>, we will need additional information to complete the review. Please provide the following commitments:

- 1) The licensee shall provide training in the licensee's procedures to all individuals involved in Y-90 microsphere use, commensurate with the individual's duties to be performed. This training must be provided to all individuals preparing, measuring, performing dosimetry calculations, or administering Y-90 microspheres.
- 2) The licensee will provide the NRC documentation from the manufacturer certified that the first three hands-on patient cases have been completed by Dr. Taussig, within 30 days of the completion.

Your response must be **dated** and **signed** by authorized personnel and referred to Control Number 585694. If you have any questions or require clarification on any of the information stated above, please do not hesitate to contact me at 630-829-9623 or frank.tran@nrc.gov.

In accordance with Title 10 Code of Federal Regulations 2.390 of the NRC's "Rules of Practice," a copy of this letter 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>.

Sincerely,


Frank P.D. Tran
Materials Licensing Branch

Note: You could fax the response to 630-515-1078 or scan and email to frank.tran@nrc.gov.