SHINE™
Medical Technologies

June 8, 2012

Mr. Timothy J. McGinty
Director, Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Mail Stop 0-12-E-1
11555 Rockville Pike
Rockville, MD 20852

SHINE Medical Technologies, Inc.
SMT-2012-021
Project 0792

Subject: Plans for Submission of Applications for Medical Isotope Production Facilities

Reference: T. McGinty (U.S. Nuclear Regulatory Commission) to G. Piefer (SHINE Medical Technologies, Inc.), SHINE Medical Technologies, Inc. – Plans for Submission of Applications for Medical Isotope Production Facilities, dated June 1, 2012 (ML12153A2100)

The purpose of this letter is to provide responses to the U.S. Nuclear Regulatory Commission (NRC) requests for information identified in the referenced letter. SHINE Medical Technologies, Inc. (SHINE) intends to submit applications to construct and operate a medical isotope facility and provides information in the enclosures to this letter.

Enclosure 1 provides our responses for the requested information. The information provided in Enclosure 1 contains commercial information that is requested to be withheld from public disclosure in accordance with 10 CFR 2.390(a)(4).

Enclosure 2 provides a redacted version of the information provided in Enclosure 1.

Enclosure 3 provides an appropriate affidavit supporting proprietary treatment of the information requested to be withheld from public disclosure pursuant to 10 CFR 2.390.

If you have any questions regarding this letter, please contact Mr. Jim Freels, Licensing Project Manager, at 865.719.5061.

Sincerely,

Gregory Piefer, PhD
Chief Executive Officer
SHINE Medical Technologies, Inc.

Enclosures: As stated

cc: (w/o Enclosures)

Mr. Charles A. Castro
Regional Administrator
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road Suite 210
Lisle, IL 60532-4352

Mr. Steven Lynch
General Engineer
Mail Stop 12 D20
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Ms. Cheryl Rogers
Supervisor, Radioactive Materials Programs
Wisconsin Division of Public Health
P.O. Box 2659
Madison, WI 53701-2659