

June 1, 2012

Gregory Piefer
Chief Executive Officer
SHINE Medical Technologies
2555 Industrial Drive
Monona, WI 53713

SUBJECT: SHINE MEDICAL TECHNOLOGIES, INC. - PLANS FOR SUBMISSION OF
APPLICATIONS FOR MEDICAL ISOTOPE PRODUCTION FACILITIES

The U.S. Nuclear Regulatory Commission (NRC) staff is projecting future resource needs for evaluating applications for the licensing of medical isotope production facilities (both reactor and production facilities). To be prepared for the timely review of applications the NRC staff needs accurate information regarding your plans. If you intend to submit an application for a medical isotope facility, please provide the following information:

- Whether you intend to submit a two-step application (construction permit application and operating license application) or a single application under provisions of Title 10 of the *Code of Federal Regulations* (10 CFR) Section 2.105(c).
- Whether you intend to submit your environmental report with a construction permit application or if it will be filed separately within the six month window allowed by 10 CFR 2.101(a-1)(1).
- The expected submittal dates for each of the above documents.
- Any significant assumptions (e.g., successful placement of external funding or board of directors approval) that submission of an application is dependent upon.
- The estimated dates based on your project schedule for receiving a construction permit and operating license from the NRC.

Please provide your response as soon as possible to Mary Muessle, Deputy Division Director, by telephone at 301-415-1282 or by e-mail at mary.muessle@nrc.gov. Please follow up by a written response to me by June 8, 2012. Information included in your response that is considered security, sensitive, or proprietary, that you seek to have withheld from the public, must be marked in accordance with 10 CFR 2.390, "Public inspections, exemptions, requests

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for withholding.” If you have any questions about this request, please contact Jessie Quichocho at 301-415-0209 or by e-mail at Jessie.quichocho@nrc.gov. Your cooperation in providing this information is greatly appreciated.

Sincerely,

/RA/

Timothy J McGinty, Director
Division of Policy and Rulemaking
Office on Nuclear Reactor Regulation

Project No.: PROJ0792

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