

June 25, 2013

Richard Vann Bynum, PhD  
Chief Operating Officer  
SHINE Medical Technologies, Inc  
2555 Industrial Drive  
Monona, WI 53713

SUBJECT: SHINE MEDICAL TECHNOLOGIES, INC. - ACCEPTANCE FOR DOCKETING OF  
PART ONE OF THE APPLICATION FOR CONSTRUCTION PERMIT  
(TAC NO. ME7820)

Dear Dr. Bynum:

By letter dated March 26, 2013 (SMT-2013-012, Agencywide Documents Access and Management System (ADAMS) Accession No. ML13088A192), SHINE Medical Technologies, Inc. (SHINE) submitted part one of an application for a construction permit, which, if granted, would allow SHINE to construct a medical radioisotope production facility to be located in Janesville, Wisconsin.

The U.S. Nuclear Regulatory Commission (NRC) staff acknowledged receipt of part one of SHINE's two-part application for a construction permit under Title 10 of the *Code of Federal Regulations* (10 CFR), Part 50 in the *Federal Register* (78 FR 29390) on May 20, 2013. An exemption from certain requirements of 10 CFR 2.101(a)(5) granted by the Commission on March 20, 2013 (ADAMS Accession No. ML13072B195), in response to a letter from SHINE dated February 18, 2013 (ADAMS Accession No. ML13051A007), allowed for SHINE to submit its construction permit application in two parts. Specifically, the exemption allowed SHINE to submit a portion of its application for a construction permit up to six months prior to the remainder of the application regardless of whether or not an environmental impact statement or a supplement to an environmental impact statement is prepared during the review of its application. In accordance with 10 CFR 2.101(a)(5), SHINE submitted the following in part one of its construction permit application:

- the description and safety assessment of the site required by 10 CFR 50.34(a)(1)
- the environmental report required by 10 CFR 50.30(f)
- the filing fee information required by 10 CFR 50.30(e) and 10 CFR 170.21
- the general information required by 10 CFR 50.33
- the agreement limiting access to classified information required by 10 CFR 50.37

As stated in SHINE's March 26, 2013, letter, part two of SHINE's application for a construction permit will contain the remainder of the preliminary safety analysis report required by 10 CFR 50.34(a) and will be submitted in accordance with the requirements of 10 CFR 2.101(a)(5).

The NRC staff has reviewed part one of SHINE's application for a construction permit and determined that the submitted portion of the application is complete and acceptable for docketing. The docket number assigned to this project is 50-608. Please reflect this docket

R. Vann Bynum

- 2 -

number on all future correspondence. A separate completeness and acceptability review will be performed upon receipt of part two of SHINE's application for a construction permit.

Enclosed is the notice that will be forwarded to the *Federal Register*, informing the public of the docketing of part one of SHINE's application for a construction permit.

The NRC staff intends to publish a review schedule for SHINE's construction permit application following the completion of the acceptance review for part two of the application.

If you have any questions, please contact me at [Steven.Lynch@nrc.gov](mailto:Steven.Lynch@nrc.gov) or 301-415-1524.

Sincerely,

/RA/

Steven Lynch, Project Manager  
Research and Test Reactors Licensing Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

Docket No.: 50-608

Enclosure: Federal Register Notice

cc w/ encl.: See next page

cc:

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**ADAMS Accession No.: Pkg: ML13150A276 Letter: ML13150A280 FRN: ML13150A389**

**Memo to ADM: ML13150A390**

**\*concurrence via e-mail ADM-012**

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