

From: Lynch, Steven
To: [Jim Costedio \(Jim.Costedio@shinemed.com\)](mailto:Jim.Costedio@shinemed.com)
Cc: [Gavrilas, Mirela](#); [Adams, Alexander](#); [Kotzalas, Margie](#); [Tripp, Christopher](#); [Adams, Mary](#)
Subject: Draft Request For Additional Information Supporting SHINE Preliminary Safety Analysis Report
Date: Wednesday, August 26, 2015 2:32:00 PM
Attachments: [SHINE Draft Criticality Control Request for Additional Information.pdf](#)

Jim,

By letters dated July 23, 2015, and August 7, 2015 (Agencywide Documents Access and Management System (ADAMS) Accession Nos. ML15222A201 and ML15236A127), SHINE Medical Technologies, Inc. (SHINE) responded to the U.S. Nuclear Regulatory Commission (NRC) staff's March 25, 2015, request for additional information (RAI) (ADAMS Accession No. ML15055A116) to complete the review of SHINE's preliminary safety analysis report supporting a construction permit application.

In the course of reviewing SHINE's RAI responses, the NRC staff has determined that additional information is required to complete the review of SHINE's preliminary safety analysis report in order to prepare a safety evaluation report. Therefore, the NRC has prepared the attached draft RAI in order for SHINE to ensure that the request is clear and understandable. SHINE should contact Steven Lynch with any questions regarding this draft request as soon as possible to arrange a time to discuss the RAI with the appropriate NRC technical staff.

The NRC staff asks that SHINE also review this draft RAI to ensure that proprietary information has not inadvertently been included. Should any proprietary information be identified, contact Steven Lynch within the next ten days. If SHINE does not identify proprietary information within the next ten days, this draft RAI will be made publicly available.

This draft RAI supplements the NRC's previous RAIs related to SHINE's construction permit application dated September 11, 2013, September 19, 2014, January 6, 2015 (ADAMS Accession Nos. ML13231A041, ML14195A159, ML15005A407, respectively), March 25, 2015, and April 15, 2015 (ADAMS Accession No. ML15099A607).

In order to support the efficient review of SHINE's construction permit application submitted application, SHINE should contact Steven Lynch to discuss an appropriate response time for this request for additional information.

Steve Lynch
Project Manager
Office of Nuclear Reactor Regulation
Division of Policy and Rulemaking, Research and Test Reactors Licensing
Office: O-12F08
MS: O-12D20
Phone: 301-415-1524