



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001**

May 13, 2015

Mr. Ellsworth Brown, Society Director  
State Historic Preservation Office  
Division of Historic Preservation and Public History  
Wisconsin Historical Society  
816 State Street, Room 305  
Madison, WI 53706

**SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT ENVIRONMENTAL IMPACT  
STATEMENT FOR THE CONSTRUCTION PERMIT FOR THE PROPOSED  
SHINE MEDICAL RADIOISOTOPE PRODUCTION FACILITY**

Dear Mr. Brown:

The U.S. Nuclear Regulatory Commission (NRC) is conducting an environmental review of a construction permit application submitted by SHINE Medical Technologies, Inc. (SHINE), for a radioisotope production facility. This facility, if licensed, would produce molybdenum-99 (Mo-99), iodine-131 (I-131), and xenon-133 (Xe-133) for use in diagnostic medical isotope procedures. The proposed location of this facility is approximately 4 miles south of the city center of Janesville, Wisconsin. As part of its review of the proposed action, the NRC has prepared a draft environmental impact statement (EIS) that includes analyses of relevant environmental issues, including potential impacts to historic, archeological and cultural properties from construction, operation, and decommissioning activities associated with the proposed facility.

As stated in our letter dated July 1, 2013, the NRC staff has determined that the area of potential effect (APE) for this undertaking is the area at the proposed site and its immediate environs that may be impacted by construction and post-construction land-disturbing operations. The APE may extend beyond the immediate environs in those instances where construction and post-construction land-disturbing operations may potentially have an effect on known or proposed historic sites.

In the context of the National Environmental Policy Act of 1969, under which the draft EIS was prepared, the NRC staff's preliminary determination is that the impact of proposed action on historical and archaeological resources is small, and additional mitigation is not warranted. Under the provisions of the National Historic Preservation Act of 1966, the NRC staff's preliminary determination is that no historic properties will be affected by the proposed action.

In support of this conclusion, the NRC has conducted an environmental audit at the site and performed an independent analysis and review of historic and archaeological records. The NRC also initiated consultation with 19 Federally-recognized Native American tribes, notifying them of the proposed action and requesting comments and concerns. To date, one of the tribes, the Forest County Potawatomi, has responded. Documentation for tribal consultation is presented in Appendix D of the EIS.

A copy of the draft EIS with this conclusion is enclosed. Pursuant to 36 CFR 800.8(c), we are requesting your comments on the draft EIS and on our preliminary conclusions. Electronic comments on the draft EIS may be submitted to the NRC by accessing [www.regulations.gov](http://www.regulations.gov) and searching for Docket ID NRC-2013-0053. Written comments may be mailed to the NRC at:

Cindy Bladey, Chief  
Rules, Announcements, and Directives Branch (RADB)  
Office of Administration, Mail Stop: OWFN-12-H08  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Please note that the public comment period for the draft EIS ends on July 6, 2015.

Public meetings to discuss the findings of the draft EIS will be held on June 10, 2015, at the Rotary Botanical Gardens, 1455 Palmer Drive, Janesville, WI 53545. The first meeting will begin with an open house from 1:00 p.m. until 2:00 p.m., followed by an NRC presentation and opportunity to hear public comments from 2:00 p.m. until 4:00 p.m., as necessary. The second meeting will begin with an open house from 6:00 p.m. until 7:00 p.m., followed by a repeat of NRC's earlier presentation and opportunity to hear public comments from 7:00 p.m. until 9:00 p.m., as necessary. An NRC meeting notice will be published to provide more details about these public meetings. A separate Notice of Availability of the draft EIS will be placed in the Federal Register through the U.S. Environmental Protection Agency.

If you have any questions regarding this matter, please contact Robert Hoffman, Environmental Scientist, at 301-415-1107 or by e-mail at [Robert.Hoffman@nrc.gov](mailto:Robert.Hoffman@nrc.gov).

Sincerely,

*/RA/*

David J. Wrona, Chief  
Environmental Review and  
Guidance Update Branch  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No.: 50-608

Enclosures:

1. Draft EIS
2. Federal Register Notice

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Sincerely,  
**/RA/**  
David J. Wrona, Chief  
Environmental Review and  
Guidance Update Branch  
Division of License Renewal  
Office of Nuclear Reactor Regulation

Docket No.: 50-608

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- 2. Federal Register Notice

DISTRIBUTION: See next page

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DATE	4/21/15	5/13/15	5/13/15	5/13/15

**OFFICIAL RECORD COPY**

Letter to Ellsworth Brown from David J. Wrona dated May 13, 2015

SUBJECT: NOTICE OF AVAILABILITY OF THE DRAFT ENVIRONMENTAL IMPACT STATEMENT FOR THE CONSTRUCTION PERMIT OF THE PROPOSED SHINE MEDICAL RADIOISOTOPE PRODUCTION FACILITY

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