



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

February 3, 2023

Dr. Gregory Piefer, Chief Executive Officer
SHINE Technologies, LLC
3400 Innovation Court
Janesville, WI 53545

SUBJECT: SHINE TECHNOLOGIES, LLC – INDIVIDUAL NOTICE OF CONSIDERATION OF
ISSUANCE OF AMENDMENT TO CONSTRUCTION PERMIT AND
OPPORTUNITY TO REQUEST A HEARING (EPID L-2022-LLA-0163)

Dear Dr. Piefer:

The U.S. Nuclear Regulatory Commission is forwarding the enclosed notice of consideration of issuance of amendment to construction permit and opportunity to request a hearing to the Office of the Federal Register for publication.

The notice relates to the SHINE Technologies, LLC (SHINE) application dated October 6, 2022, in which SHINE requested to amend its Construction Permit No. CPMIF-001 for its Medical Isotope Production Facility. The proposed amendment would allow the receipt and possession of special nuclear material contained in neutron detectors necessary for the continued construction of the SHINE Medical Isotope Production Facility.

If SHINE has any questions, please contact me at 301-415-2856, or by email at Michael.Balazik@nrc.gov.

Sincerely,

A handwritten signature in cursive script that reads "Michael F. Balazik".

Signed by Balazik, Michael
on 02/03/23

Michael F. Balazik, Project Manager
Non-Power Production and Utilization Facility
Licensing Branch
Division of Advanced Reactors and Non-Power
Production and Utilization Facilities
Office of Nuclear Reactor Regulation

Docket No. 50-608

Enclosure:
As stated

cc: See next page

SHINE Technologies, LLC

Docket No. 50-608

cc:

Jeff Bartelme
Director of Licensing
SHINE Technologies, LLC
3400 Innovation Court
Janesville, WI 53546

Nathan Schleifer
General Counsel
SHINE Technologies, LLC
3400 Innovation Court
Janesville, WI 53546

Christopher Landers
Director, Office of Conversion
National Nuclear Security Administration,
NA-231
U.S. Department of Energy
1000 Independence Avenue, SW
Washington, DC 20585

Mark Paulson, Supervisor
Radiation Protection Section
Wisconsin Department of Health Services
P.O. Box 2659
Madison, WI 53701-2659

Test, Research and Training
Reactor Newsletter
Attention: Amber Johnson
Dept. of Materials Science and Engineering
University of Maryland
4418 Stadium Drive
College Park, MD 20742-2115

Mark Freitag
City Manager
P.O. Box 5005
Janesville, WI 53547-5005

Bill McCoy
1326 Putnam Avenue
Janesville, WI 53546

Alfred Lembrich
541 Miller Avenue
Janesville, WI 53548

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FEBRUARY 3, 2023

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ADAMS Accession Nos.:**ML23010A209(PKG)****ML23010A238(LTR)****ML23006A038(FRN)****NRC-001**

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