



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

December 13, 2021

Dr. Gregory Piefer
Chief Executive Officer
SHINE Technologies, LLC
3400 Innovation Court
Janesville, WI 53546

SUBJECT: SHINE MEDICAL TECHNOLOGIES, LLC – ENVIRONMENTAL ASSESSMENT
AND FINDING OF NO SIGNIFICANT IMPACT RELATED TO THE RECEIPT
AND POSSESSION OF CERTAIN RADIOACTIVE MATERIALS
(EPID NO. L-2021-LLA-0104)

Dear Dr. Piefer:

Enclosed is a copy of the Environmental Assessment and Finding of No Significant Impact related to your amendment application dated April 29, 2021 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML21119A166), as supplemented on August 20, 2021 and December 2, 2021 (ADAMS Accession Nos. ML21242A028 and ML21336A193, respectively). The proposed action would allow the receipt and possession of certain radioactive materials necessary for the continued construction of the SHINE Medical Technologies, LLC Medical Isotope Production Facility.

The Environmental Assessment and Finding of No Significant Impact was published in the *Federal Register* on November 29, 2021.

If you have any questions, please contact Michael Balazik at (301) 415-2856, or by e-mail at Michael.Balazik@nrc.gov.

Sincerely,



Signed by Balazik, Michael
on 12/13/21

Michael 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
Construction Permit No. CPMIF-001

Enclosure:
As stated

cc w/enclosure: See next page

SHINE Medical Technologies, LLC

Docket No. 50-608

cc:

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

Bill McCoy
1326 Putnam Avenue
Janesville, WI 53546

Alfred Lembrich
541 Miller Avenue
Janesville, WI 53548

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

Christopher Landers
Director, Office of Conversion
National Nuclear Security Administration,
NA 23
U.S. Department of Energy
1000 Independence Ave SW
Washington, DC 20585

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

Shelley Warwick
Environmental Analysis Specialist-
South Team
Wisconsin Department of Natural
Resources
3911 Fish Hatchery Road
Fitchburg, WI 53711

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

SUBJECT: SHINE MEDICAL TECHNOLOGIES, LLC – ENVIRONMENTAL ASSESSMENT
AND FINDING OF NO SIGNIFICANT IMPACT RELATED TO THE RECEIPT
AND POSSESSION OF CERTAIN RADIOACTIVE MATERIALS
(EPID NO. L-2021-LLA-0104) DATED: DECEMBER 13, 2021

DISTRIBUTION:

PUBLIC

SAnderson, NRR

JBorromeo, NRR

NParker, NRR

SLynch, NRR

MBalazik, NRR

MGavello, NRR

ROrlikowski, RIII

SFrazier, RIII

RElliott, NMSS

JDavis, NMSS

RidsOgcMailCenter Resource

ADAMS Accession Number: ML21326A019**NRR-106**

OFFICE	NRR/DANU/UNPL/PM	NRR/DANU/UNPL/LA	OGC/NLO	NMSS/REFS/ERLRB/BC
NAME	MBalazik	NParker	JWachutka	RElliott
DATE	12/02/2021	12/02/2021	12/13/2021	12/08/2021
OFFICE	NRR/DANU/UNPL/BC	NRR/DANU/UNPL/PM		
NAME	JBorromeo	MBalazik		
DATE	12/09/2021	12/13/2021		

OFFICIAL RECORD COPY