

April 23, 2025

To whom it may concern,

The *Idaho National Laboratory Center for Radiation Chemistry Research* supports the IAC's proposal to upgrade their infrastructure in support of isotope production, research accelerator upgrades, and radioactive material handling. We have been working with the IAC for multiple years in support of several applied and fundamental nuclear fuel cycle related research programs, including those involved in the development of next generation molten salt fueled and cooled reactors and advanced technologies for the management of used nuclear fuel. The upgrades requested by the IAC will establish new capabilities of great interest for furthering our research efforts.

If you have any other questions, or require any additional information, please do not hesitate to contact me at (574)-252-6022, or at gregory.holmbeck@inl.gov.

Yours sincerely,

Dr. Gregory P. Holmbeck

Director of the INL Center for Radiation Chemistry Research,
Radiochemical Separations and Radiation Science Department,
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Letters of Support, 2025

IAC Upgrade

From: "Frankle, Chris" <cfrankle@lanl.gov>

Subject: IAC upgrade proposal support

Date: April 22, 2025 at 3:56:56 PM MDT

To: Jon Stoner <jonstoner@isu.edu>

Dear Jon:

Please find below a statement of support for your proposal to upgrade the short pulse linac.

To whom it may concern:

We fully support the IAC proposal to upgrade their short pulse linear accelerator and related infrastructure. I have personally returned many times to IAC for over two decades to use the unique capabilities of the short pulse linac. The capabilities of this linac directly support DOE/NNSA programs within both the weapons program portfolio and the defense nuclear nonproliferation portfolio. Over the years my programs have directly invested in increased capabilities of this machine and additional upgrades will continue to increase the value of it for our programs. If there are specific questions or concerns that I can answer related to this proposal please do not hesitate to contact me.

Dr. Chris Frankle

**Senior Diagnostic Coordinator
SCE Program/Physics Division**

Phone: 505.665.4138

Mobile: 505.699.4077

Los Alamos National Laboratory

lanl.gov

From: "Matthew G. Watrous" <matthew.watrous@inl.gov>

Subject: **Support for IAC upgrades**

Date: April 22, 2025 at 4:03:54 PM MDT

To: "jonstoner@isu.edu" <jonstoner@isu.edu>

To whom it may concern,

We support the IAC proposal to upgrade their infrastructure in support of isotope production, research accelerator upgrades and radioactive material handling. We have been working with the IAC for several years in support of key projects and initiatives with the DOE, DTRA, DOD, DHS and internal INL research. We can see a clear route to proposing broader research with increased capability at the IAC. This would be a very exciting development and open up the aperture for research we could pursue.

Sincerely,

Matthew Watrous, PhD

Department Manager | Radiochemistry and Nuclear Measurements

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