UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
2100 RENAISSANCE BLVD.
KING OF PRUSSIA, PA 19406-2713

June 17, 2020

Timothy H. Watkins, Director
Center for Environmental Measurement & Modeling
U.S. Environmental Protection Agency
109 T. W. Alexander Drive
Mail Code D343-02
Research Triangle Park, NC 27711

SUBJECT: U.S. ENVIRONMENTAL PROTECTION AGENCY, LICENSE AMENDMENT, MAIL CONTROL NO. 618814

Dear Mr. Watkins:

This refers to your license amendment request dated April 27, 2020. Please find enclosed Amendment No. 52 authorizing the possession and utilization of thorium for research and development purposes.

An environmental assessment for this action was not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please contact Jonathan Pfingsten at 610-337-5170 or via electronic mail at Jonathan.Pfingsten@nrc.gov so that appropriate corrections or answers can be provided.

You will be periodically inspected by the NRC. Failure to conduct your program in accordance with NRC regulations, license conditions, and representations made in your license application and supplemental correspondence with NRC will result in enforcement action(s) against you. This could include issuance of a Notice of Violation, or Imposition of a Civil Penalty, or an Order Suspending, Modifying or Revoking Your License as specified in the NRC Enforcement Policy. The NRC Enforcement Policy is available at: http://www.nrc.gov/reading-rm/doc-collections/enforcement/.

An electronic version of the NRC's regulations is available on the NRC Web Site at: www.nrc.gov. Additional information regarding use of radioactive materials may be obtained on the NRC Web Site at: http://www.nrc.gov/materials/miau/mat-toolkits.html. This site also provides the link to the toolbox for updated information on the revised regulations for naturally-occurring and accelerator-produced radioactive materials (NARM).

The NRC's Safety Culture Policy Statement became effective in June 2011. While a policy statement and not a regulation, it sets forth the agency's *expectations* for individuals and organizations to establish and maintain a positive safety culture. You can access the policy statement and supporting material that may benefit your organization on NRC's safety culture Web Site at: http://www.nrc.gov/about-nrc/safety-culture.html. We strongly encourage you to review this material and adapt it to your particular needs in order to develop and maintain a positive safety culture as you engage in NRC-regulated activities.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web Site at: http://www.nrc.gov/reading-rm/adams.html.

Thank you for your cooperation.

Sincerely,

Elizabeth Ullrich Digitally signed by Elizabeth Ullrich
Date: 2020.06.17 11:03:30 -04'00'

Betsy Ullrich, Senior Health Physicist
Commercial, Industrial, R&D
and Academic Branch
Division of Nuclear Materials Safety
Region I

Docket No. 030-08631
License No. 32-14048-04
Mail Control No. 618814

Enclosure:
Amendment No. 52

cc: Ritchie Buschow, Radiation Safety Officer

U.S. ENVIRONMENTAL PROTECTION AGENCY, LICENSE AMENDMENT, MAIL CONTROL NO. 618814 DATED JUNE 17, 2020

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SUNSI Review Complete: Jonathan Pfingsten

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