



TRISO-X, LLC  
151 Lafayette Drive, Suite 300  
Oak Ridge, TN 37830

TX0-REG-LTR-0059

*ELECTRONIC DELIVERY*

March 28, 2025

Director, Office of Nuclear Material Safety and Safeguards  
U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, DC 20555-0001

- References:
- 1) Docket No. 70-7027
  - 2) TRISO-X letter to NRC, "TRISO-X Fuel Fabrication Facility License Application Submittal," dated April 5, 2022, ADAMS Accession No. ML22101A205
  - 3) TRISO-X letter to NRC, "TRISO-X Fuel Fabrication Facility Environmental Report Submittal," dated September 23, 2022
  - 4) NRC Letter from Matthew Bartlett, Senior Project Manager, Fuel Facility Licensing Branch, to Jennifer Wheeler, Director, Regulatory Affairs, "Acceptance of the TRISO-X, LLC License Application for a Fuel Fabrication Facility (Enterprise Project Identification Number L-2022-NEW-0005 and L-2022-LNE-0002)," dated November 18, 2022
  - 5) TRISO-X letter to NRC, "Project Update Letter Regarding the TRISO-X License Application," dated January 20, 2024, ADAMS Accession No. ML24020A010
  - 6) TRISO-X letter to NRC, "Supplemental Information for the TRISO-X Fuel Fabrication Facility License Application Review (Part 1)," dated December 30, 2024, ADAMS Accession No. ML24365A255
  - 7) TRISO-X letter to NRC, "Supplemental Information for the TRISO-X Fuel Fabrication Facility License Application Review (Part 2)" dated January 31, 2025

Subject: **Supplemental Information for the TRISO-X Fuel Fabrication Facility License Application Review (Part 3)**

TRISO-X, LLC (TRISO-X) hereby submits supplemental information regarding the review of the License Application for the TRISO-X Fuel Fabrication Facility (References 2 and 3). The enclosed Environmental Report revisions incorporate previously submitted responses to NRC Requests for Additional Information, as well as project updates that were summarized in a letter dated January 20, 2024 (Reference 5). There were no further changes identified for Chapters 1, 3, 6, 8, and 9 beyond the updates submitted on January 31, 2025 (Reference 7).

**Summary of this Submittal**

The following documents are included with this letter.

**Enclosure 1 – Environmental Report**, Chapter revision numbers as indicated in the document (Non-Proprietary).

**Enclosure 2 – ER Submittal Section Status** indicates by Chapter number the status of each section/subsection (Change in January 2025 Submittal, Change in March 2025 Submittal, No Change)

This submittal, in combination with the updates submitted December 30, 2024, and January 31, 2025 (References 6 and 7), concludes the project updates that were summarized in a letter dated January 20, 2024 (Reference 5).

If there are questions or if additional information is required, please contact me at (865) 850-0893 or [jwheeler@triso-x.com](mailto:jwheeler@triso-x.com).

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Wheeler".

Jennifer K. Wheeler, P.E.  
Vice President, Regulatory Affairs

TRISO-X, LLC  
151 Lafayette Drive, Suite 300  
Oak Ridge, TN 37830

Copy: Mr. Matthew Bartlett, US NRC, NMSS  
TRISO-X Regulatory Records File