

TX0-REG-LTR-0108

~~THE ENCLOSURES TO THIS LETTER CONTAIN SECURITY RELATED, EXPORT CONTROLLED, AND PROPRIETARY INFORMATION – WITHHOLD IN ACCORDANCE WITH 10 CFR 2.390~~

ELECTRONIC DELIVERY

February 6, 2026

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,” April 5, 2022
 - 3) TRISO-X letter to NRC, “Supplemental Information for the TRISO-X Fuel Fabrication Facility License Application Review (Part 1),” December 30, 2024
 - 4) TRISO-X letter to NRC, “Supplemental Information for the TRISO-X Fuel Fabrication Facility License Application Review (Part 2),” January 31, 2025
 - 5) TRISO-X letter to NRC, “Submittal of Revisions to License Application Chapters and Integrated Safety Analysis Summary,” December 19, 2025
 - 6) Meeting between NRC and TRISO-X, “Meeting to Discuss TRISO-X License Conditions,” January 21, 2026
 - 7) TRISO-X letter to NRC, “Supplemental Information for the TRISO-X Environmental Report,” January 28, 2026

Subject: **Submittal of Revisions to License Application Chapters and ISA Summary**

TRISO-X, LLC (TRISO-X) hereby submits revisions to the License Application Chapters 1, 9, and 11 and Integrated Safety Analysis Summary regarding the review of the License Application for the TRISO-X Fuel Fabrication Facility (References 2, 3, 4, and 5). The enclosed document revisions incorporate changes discussed with your staff on January 21, 2026 (Reference 6) and information submitted on January 28, 2026 (Reference 7).

Request for Withholding

Portions of the enclosed submittal contain information that TRISO-X requests be withheld from public disclosure. The following regulations and guidance were consulted to develop the

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document markings and specific withholding requests as noted in the description of each enclosure's contents.

- 10 CFR 2.390, *Public inspections, exemptions, requests for withholding*
- 10 CFR 110, *Export and Import of Nuclear Equipment and Material*, and other related
- regulations 10 CFR 810 and 15 CFR 730-774
- NRC Regulatory Issue Summary 2005-31, Revision 1, *Control of Security-Related Sensitive Unclassified Non-Safeguards Information Handled by Individuals, Firms, and Entities Subject to NRC Regulation of the Use of Source, Byproduct, and Special Nuclear Material*

Summary of this Submittal

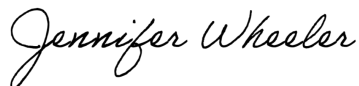
The following documents are included with this letter.

Enclosure 1 – Integrated Safety Analysis Summary, Revision 5 contains information that is considered ***Security-Related, Export Controlled, and Proprietary***, and TRISO-X requests that this document be withheld from public disclosure per 10 CFR 2.390(a)(4), 10 CFR 110, and NRC RIS 2005-31.

Enclosure 2 – License Application Chapters 1, 9, and 11, Chapter revision numbers as indicated in the document (Non-Proprietary).

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

Sincerely,



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

