



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

March 13, 2024

MEMORANDUM TO: Samantha Lav, Chief
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

FROM: Joseph Rudd, Project Manager
Fuel Facility Licensing Branch
Division of Fuel Management
Office of Nuclear Material Safety
and Safeguards

A handwritten signature in black ink, appearing to read "JR", written over the printed name of Joseph Rudd.

Signed by Rudd, Joseph
on 03/13/24

SUBJECT: SUMMARY OF MEETING ON DECEMBER 18, 2023, WITH TRISO-X
LLC, TO ALIGN ON THE NEED TO SUPPLEMENT THE RESPONSES
TO THE REQUESTS FOR ADDITIONAL INFORMATION REGARDING
MANAGEMENT MEASURES

The U.S. Nuclear Regulatory Commission (NRC) hosted a closed Microsoft Teams meeting with TRISO-X, LLC (TRISO-X) on December 18, 2023, from 1:30 p.m. until 3:30 p.m. The purpose of the meeting was to align on the NRC supplement for the TRISO-X responses (Agencywide Documents Access and Management System [ADAMS] Accession No. ML23209A821) to the previously issued non-public requests for additional information (RAIs) regarding programmatic items in the previously submitted management measures program (ML23127A011). The TRISO-X original application was received April 5, 2022 (ML22101A200) and was supplemented by letters dated October 13, 2022 (ML22286A144) and November 4, 2022 (ML22308A251).

In preparation for this meeting, the NRC provided TRISO-X several guidance documents and examples that they can use to inform the development of their management measures program. The documents were discussed during the meeting as options TRISO-X could consider to inform the development of the management measures program to supplement their RAIs.

The NRC staff started the meeting by stating that the responses for RAI 1-3, concerning items relied on for safety (IROFS) basic components, and 1-5, concerning quality special processes, were sufficient and do not require further clarification by TRISO-X.

For RAI 1-1, concerning construction qualifications, the NRC staff requested additional explanation of the TRISO-X program and commitment to ensure their staff are appropriately

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A document transmitted herewith contains Security-Related Information. When separated from Enclosure 2, this document and Enclosure 1 is decontrolled.

S. Lav

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qualified for construction oversight. For RAI 1-4, concerning management measures elements for IROFS, discussions focused on the categorization and level of detail appropriate to be present in the license application. TRISO-X provided an overview of how the other management measures elements for IROFS would be applied. TRISO-X stated they would review the guidance provided by the NRC and consider options to supplement these two RAI responses. There was general agreement that a follow-up meeting would be held to discuss these items further.

Discussions on RAI 1-2, concerning quality standards for IROFS, were brief and TRISO-X requested further clarification from the NRC staff regarding the appropriate level of detail to be provided in their supplement to the existing license application and previous supplements. The NRC staff agreed to provide additional details and a generic example prior to the follow up meeting on this topic.

A list of participants is provided as Enclosure 1. Additional meeting summary information is provided in Enclosure 2 (non-public).

Docket No. 07007027

Enclosures:

1. Participants List (public)
2. Additional meeting summary (non-public)

cc: trisoX@listmgr.nrc.gov