



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

FEBRUARY 10, 2026

MEMORANDUM TO: Josh Borromeo Chief  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-power Production and  
Utilization Facilities  
Office of Nuclear Reactor Regulation

FROM: Jacqueline Tulip, Project Manager */RA/*  
Advanced Reactor Licensing Branch 1  
Division of Advanced Reactors and Non-power Production and  
Utilization Facilities  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE SEPTEMBER 15, 2025, PARTIALLY  
CLOSED MEETING WITH TERRA INNOVATUM TO DISCUSS  
FEEDBACK ON THE WHITE PAPER LTR-TINN-25-012,  
"DESIGN CONSIDERATIONS ON REACTOR CORE (FUEL) AT  
NOMINAL CONDITIONS," REVISION 0 (EPID  
NO. L-2025-LRO-0037)

**Meeting Information:**

Applicant: Terra Innovatum, s.r.l.

Project No.: 99902138

Public Meeting Notice Agencywide Documents Access and Management System (ADAMS)  
Accession No.: ML25248A215

U.S. Nuclear Regulatory Commission (NRC) Staff Presentation Slides ADAMS Accession No.:  
ML26026A150

Meeting Attendees: See Enclosure 1 for the list of meeting attendees.

Contact: Jacqueline Tulip, NRR/DANU/UAL1, (301) 415-5243

**Background:**

By letter dated June 8, 2025, Terra Innovatum, s.r.l (Terra Innovatum) submitted for NRC staff review white paper LTR-TINN-25-012, "Design Considerations on Reactor Core (Fuel) at Nominal Conditions," Revision 0 (ADAMS Package Accession No. ML25159A003). On September 15, 2025, the NRC held a partially closed observation meeting with Terra Innovatum to discuss NRC staff feedback on the white paper. A summary of the meeting is provided in Enclosure 2.

The NRC staff conducted the meeting in accordance with NRC Management Directive 3.5, "Attendance at NRC Staff-Sponsored Meetings" (ML21180A271). No public comments were received in the public portion of this meeting. No regulatory decisions were made as a result of this meeting.

## Enclosures:

1. List of Attendees
2. Meeting Summary

Cc: Terra Innovatum SOLO via GovDelivery

SUBJECT: SUMMARY OF THE SEPTEMBER 15, 2025, PARTIALLY CLOSED MEETING WITH TERRA INNOVATUM TO DISCUSS FEEDBACK ON THE WHITE PAPER LTR-TINN-25-012, "DESIGN CONSIDERATIONS ON REACTOR CORE (FUEL) AT NOMINAL CONDITIONS," REVISION 0 (EPID NO. L-2025-LRO-0037) DATED: FEBRUARY 10, 2026

**DISTRIBUTION:**

PUBLIC

RidsNrrDanuUal1 Resource

RidsNrrDanu Resource

JBorromeo, NRR

MOrenak, NRR

JTulip, NRR

HOzaltun, NRR

CdeMessiers, NRR

JMessina, NRR

CVan Wert, NRR

SKrepeI, NRR

**ADAMS Accession Nos.:**

**Package (Public): ML26026A146**

**Cover Letter and Enclosure 1 (Public): ML26026A149**

**Enclosure 2 (Public): ML26026A148**

**Enclosure 2 (Non-Public): ML26026A147**

**NRC Staff Presentation Slides (Public): ML26026A150**

**Supplemental Concurrence Document (Non-Public): ML26146A209**

**OFFICIAL RECORD COPY**

**List of Meeting Attendees**

**SEPTEMBER 15, 2025, MEETING ATTENDEES  
(EPID L-2025-LRO-0037)**

<b>Name</b>	<b>Organization</b>
Jacqueline Tulip	U.S. Nuclear Regulatory Commission (NRC)
Michael Orenak	NRC
Joseph Messina	NRC
Chris Van Wert	NRC
Hakan Ozaltun	NRC
Cesare Frepoli	Terra Innovatum, s.r.l. (Terra Innovatum)
Marco Cherubini	Terra Innovatum
Alessandro Petruzzi	Terra Innovatum