



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

July 28, 2025

**ORGANIZATION:** National Organization of Test, Research, and Training Reactors

**SUBJECT:** SUMMARY OF JUNE 3, 2025, MEETING WITH THE NATIONAL ORGANIZATION OF TEST, RESEARCH, AND TRAINING REACTORS

On June 3, 2025, an observation public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the National Organization of Test, Research, and Training Reactors (TRTR). The purpose of this meeting was to discuss rulemaking, licensing, oversight, and upcoming meetings related to the TRTR community. The meeting notice and agenda, dated May 7, 2025, are available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML25127A267. A list of meeting attendees is enclosed. The following is a description of the meeting topics.

The NRC staff discussed the progress of the revision of NUREG-1478, "Operator Licensing Examiner Standards for Research and Test Reactors," Revision 3. The NRC staff informed the TRTR that the draft revision of the NUREG-1478 is progressing and is anticipated to be published for public comment. NRC staff informed TRTR it is unknown what, if any, impact the Federal Register Notice (FRN) process changes in an Executive Order might have on the release of the draft NUREG-1478. Any information negatively impacting the release timeline will be provided once it is available. NRC staff shared with the community the transition from NRC Box to SharePoint External Sharing is projected for Fall 2025. NRC staff appreciate those facilities that volunteered to assist with testing the service prior to its release. NRC staff discussed operator licensing trends and provided recommendations for development and/or adherence to training, requalification, and staff development requirements.

The Order implementing the Non-power Production and Utilization Facility (NPUF) License Renewal Rule was published in the Federal Register on February 12, 2025, and a schedule has been published for licensees to submit updated safety analysis reports. Regulatory Guide 2.7, "Preparation of Updated Final Safety Analysis Reports for Non-Power Production or Utilization Facilities," is available at this [webpage](#).

The NRC staff provided updates on the NRC's implementation of the ADVANCE Act and noted that NRC has established public websites to inform and engage external stakeholders on this topic. The websites include an interactive dashboard to help stakeholders stay informed on the NRC's progress in implementing requirements of the act. The websites can be accessed at: <https://www.nrc.gov/about-nrc/governing-laws/advance-act.html>.

The status and forecast for new reactor applications was discussed. The following link can be used to track who NRC is currently working with: <https://www.nrc.gov/reactors/new-reactors/advanced/who-were-working-with/pre-application-activities.html>.

A presentation was made on Web-based, encrypted, fillable, DOE/NRC Forms 741, "NUCLEAR

MATERIAL TRANSACTION REPORT," 742, "MATERIAL BALANCE REPORT," and 742C, "PHYSICAL INVENTORY LISTING." for licensees transferring/receiving 1gram or greater quantities of special nuclear material or reconciling annual nuclear material inventories. The newly available fillable forms reduced paperwork and reporting burdens for license holders while improving the quality and accuracy of data submitted to the Nuclear Materials Management and Safeguards System (NMMSS). The forms and instructions are available for download at <https://nmmssresources.com/>.

The 2025 [TRTR](#) Annual Conference will be hosted by the [Texas A&M Engineering Experiment Station](#) in College Station, Texas from September 8 – 12, 2025.

Please direct any inquiries about this meeting summary to me at 301-415-3398, or [Cindy.Montgomery@nrc.gov](mailto:Cindy.Montgomery@nrc.gov).

Cindy K. Montgomery, Project Manager  
Non-Power Production and Utilization  
Facility Licensing Branch  
Division of Advanced Reactors and Non-Power  
Production and Utilization Facilities  
Office of Nuclear Reactor Regulation

Enclosure:  
List of Attendees

cc GovDelivery NPUFs Licensees

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DATED: JULY 28, 2025

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**NRC-001**

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NAME	CMontgomery	JRady	TBrown	CMontgomery
DATE	7/15/2025	7/28/2025	7/16/2025	7/28/2025

**OFFICIAL RECORD COPY**

LIST OF ATTENDEES

JUNE 3, 2025, MEETING WITH

THE NATIONAL ORGANIZATION OF TEST, RESEARCH, AND TRAINING REACTORS

<u>Name</u>	<u>Organization</u>
Lester Towell	Abilene Christian University
David M Slaughter	Aerotest Operations
Andrew Smolinski	Armed Forces Radiobiology Research Institute
Thomas Byrne	Excel Services
David Cislo	Framatome
Jerome Gormley	General Atomics
Rachel Lynch	Kairos Power
Alan Cebula	Kansas State University
Edward Lau	Massachusetts Institute of Technology
Ethan Taber	Missouri University of Science and Technology
Thomas Forland	Missouri University Research Reactor
Deborah Farnsworth	Missouri University Research Reactor
Ryan Lighty	Morgan Lewis
Austin Wells	North Carolina State University
Scott Lassell	North Carolina State University
Frances Pimentel	Nuclear Energy Institute
Susan White	Ohio State University
Steven Reese	Oregon State University
Jill Monahan	The Pennsylvania State University
Timothy Rogers	University of Massachusetts Lowell
Sandra Lyn Warren	University of California Davis
John Keffer	University of California Irvine
Les Foyto	University of Illinois Urbana-Champaign
Amber Sabrina Johnson	University of Maryland
Luke Gilde	University of Maryland
Cameron Goodwin	University of Rhode Island
Mike Melton	ZettaJoule
Ryan Marcum	I&C Operative
Amy Beasten	Nuclear Regulatory Commission
Andrew Miller	Nuclear Regulatory Commission
Andrew Waugh	Nuclear Regulatory Commission
Brooke Gallagher	Nuclear Regulatory Commission
Cindy Montgomery	Nuclear Regulatory Commission
Hakan Ozaltun	Nuclear Regulatory Commission
Jared Nadel	Nuclear Regulatory Commission
Jonathan Braisted	Nuclear Regulatory Commission
Josh Borromeo	Nuclear Regulatory Commission

Juan Arellano	Nuclear Regulatory Commission
Linh Tran	Nuclear Regulatory Commission
Maggie Goodwin	Nuclear Regulatory Commission
Michael Balazik	Nuclear Regulatory Commission
Michele DeSouza	Nuclear Regulatory Commission
Mirabelle Shoemaker	Nuclear Regulatory Commission
Nia Jones	Nuclear Regulatory Commission