



Agenda

Updated: May 9, 2025

29th Annual Users

Technical Exchange

May 12-15, 2025

Monday - May 12, 2025

NMMSS – Technical Exchange Opening Day

Time (Eastern U.S.)	Topic	Invited Speakers
10:30 am – 11:00 am	Connectivity and Audio-Visual Check	
11:00 am – 12:00 pm	Session: Renewed Optimism	
	Welcome	Loida Begley, NMID Director, NNSA
		Mirabelle Shoemaker, Material Control and Accounting Branch, NRC
	Opening Remarks (DOE)	Greg Hatchett, DOE/NNSA
	Opening Remarks (NRC)	Kimyata Morgan-Butler, NRC
	IAEA-SGIM Presentation	Stephane Baude, IAEA/SGIM
12:00 pm – 1:00 pm	Lunch Break	
1:00 pm – 1:50 pm	Session: Community Engagement	
	Featured NRC Development - New Fuel Team	Suzanne Ani, NRC Jason Plotter, NRC
	Highlights of NRC and DOE/NNSA Technical Exchange Workshops with Fuel Cycle Facilities and DOE/NNSA Sites	Mirabelle Shoemaker, NRC NMMSS Elaine Beacom, Donna Hutchinson, Genevive Weaver, RL Carbo, Marcos Crabtree
1:50 pm – 2:00 pm	Break	
2:00 pm – 2:30 pm	Session: Advanced Technology and Analytics	
	Application of Augmented Reality to Enhance Safety, Security, and Safeguards	Dane de Wet, ORNL
2:30 pm – 2:50 pm	Session: Celebrating Accomplishments	
	Individual/Group Recognitions	Eduardo Sastre, NRC Loida Begley, DOE/NNSA Mirabelle Shoemaker, NRC NMMSS
	DOE/NNSA Facilities and NRC Licensees Recognitions	
2:50 pm – 3:00 pm	Closing Remarks - Mirabelle Shoemaker, NRC	
3:00 pm	Adjourn	



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Tuesday - May 13, 2025

Plenary Session

Time (Eastern U.S.)	Topic	Invited Speakers
10:30 am – 11:00 am	Connectivity and Audio-Visual Check	
11:00 am – 12:00 pm	Session: Domestic Supply Chain and Infrastructure	
	Developments, Plans, Challenges, and Opportunities	Jack Britt, Greg Core, Nuclear Energy Institute (NEI)
	SRNL Presentation - HALEU	William “Bill” Bates, SRNL
12:00 pm – 1:00 pm	Lunch Break	
1:00 pm – 1:50 pm	Session: Institutional Mechanisms to Facilitate Commerce	
	NRC Regulatory Framework for Licensing Advanced Reactors	Alexandra Zeigler, DOE/NNSA Mirabelle Shoemaker, NRC NRC Office of International Programs
	Additional Protocol	Santiago Aguilar, NRC
1:50 pm – 2:00 pm	Break	
2:00 pm – 2:50 pm	Session: Meeting the Future Needs	
	123 Agreements	Seth Maddox, DoS
	Administrative Arrangements for Meeting Implementation of 123 Agreements	Brandon Zack, DOE/NNSA
	Development of a Tritium Accountancy Framework for Fusion Energy	Holly Flynn, SRNL
2:50 pm – 3:00 pm	Closing Remarks - Mirabelle Shoemaker, NRC	
3:00 pm	Adjourn	



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Wednesday - May 14, 2025

NMMSS – Technical Exchange

Time (Eastern U.S.)	Topic	Invited Speakers
10:30 am – 11:00 am	Connectivity and Audio-Visual Check	
11:00 am – 12:00 pm	Session: Nuclear Materials Management	
	Highlights of Nuclear Material Management	Snezana Konecni, DOE/NNSA
	Mark-18A Target Recovery Program	Rob Magleby, DOE/NNSA
	Managing the US Uranium Inventory: Y-12 National Security Complex	Danielle Turpin, Y-12 Field Office DOE/NNSA
	National Nuclear Material Archive Use of Data from site material management systems	Josh Dean, TetraTech
	Y-12 Central Scrap Management Office	Garrett Moyers, Y 12 Security Complex
12:00 pm – 1:00 pm	Lunch Break	
1:00 pm – 1:50 pm	Session: MC&A Inspection Lessons	
	NRC Perspective on MC&A Inspections & Trends	Noel Pitoniak, NRC
	DOE Perspective on MC&A Inspections & Trends	Christopher Tubbs, DOE/EA
1:50 pm – 2:00 pm	Break	
2:00 pm – 2:50 pm	DOE/NNSA Sites Support to Nonproliferation – Featured Programs	
	Implementing Automation of Foreign Obligations Tracking at SRS	Catherine Ramsey, SRNL
	Tracking Foreign Transfers and Returns of Plutonium	Jeff Allender, SRNL
2:50 pm – 3:00 pm	Closing Remarks - Mirabelle Shoemaker, NRC	
3:00 pm	Adjourn	



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Thursday - May 15, 2025

NMMSS – Technical Exchange

	Topic	Invited Speakers
10:30 am – 11:00 am	Connectivity and Audio-Visual Check	
11:00 am – 12:00 pm	Session: NMMSS Resources for Seamless and Efficient Data Reporting	
	NMMSS Refresher Training (Case studies)	Mitch Hembree, NMMSS
	Information Resources and Reports Available to Facilitate Annual Inventory Reconciliation	Mitch Hembree, NMMSS
12:00 pm	Closing Remarks - Mirabelle Shoemaker, NRC	
12:00 pm – 1:00 pm	Lunch Break	
1:00 pm – 1:50 pm	Session: Electronic Reporting to NMMSS	
	Use of Fillable Forms for Easy Reporting	Emily Himmelfarb, NMMSS
	Demo – Use of SAMS Software for Data Quality Control and XML Submittal	Mitch Hembree, NMMSS
	SQP Reporting	Donna Hutchinson & Genevieve Weaver, NMMSS
2:00 pm – 2:50 pm	Session: NMMSS Overview for NRC MC&A Inspectors	
	NRC MC&A Inspectors	Mitch Hembree, John Cettin, James Rubenstone NMMSS
3:00 pm	Adjourn	

By Invitation ONLY Breakout Sessions

11:00 am – 2:40 pm	Session: NRC Workshop Facilities	
11:00 am – 11:25 am	Framatome	
11:30 am – 11:55 am	URENCO	
1:00 pm – 1:25 pm	Westinghouse	
1:30 pm – 1:55 pm	GNFA	
2:00 pm – 2:40 pm	NFS	
	BWXT	