



September 20-23, 2021

# Agenda

Technical Program

Training Sessions

**FINAL**  
As of  
**September 23, 2021**

**Monday**

**September 20, 2021**

Time (EDT)	Topic	Invited Speakers
10:30 am – 11:00 am	<i>Connectivity and Audio-Visual Check</i>	
11:00 am – 11:50 am	Session Chair: <b>Pete Dessaules, NNSA</b>	
	Welcome	<b>Pete Dessaules</b> <i>NMMSS Program Manager, NNSA</i> <b>Mirabelle Shoemaker</b> <i>Material Control and Accounting Branch, NRC</i>
	Opening Remarks	<b>Richard Meehan</b> <i>Director, Office of Nuclear Materials Integration, NNSA</i>
	Keynote: NMMSS Community – <i>A Mission Essential Function</i>	<b>James McConnell</b> <i>Associate Administrator for Safety, Infrastructure and Operations, NNSA</i>
	Keynote: NRC Senior Leadership Perspectives	<b>John Lubinski</b> <i>Director, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission</i>
	Year in Review – <i>Community Accomplishments and Challenges of 2020 and 2021</i>	<b>Pete Dessaules</b> <i>NMMSS Program Manager, NNSA</i> <b>Mirabelle Shoemaker</b> <i>Material Control and Accounting Branch, NRC</i>
11:50 am – 1:00 pm	<i>Lunch Break</i>	
1:00 pm – 1:50 pm	Session Chair: <b>Pete Dessaules, NNSA</b>	
	IAEA Evaluation of Safeguards Data	<b>Jacques Baute</b> <b>Snezana Konecni</b> <i>International Atomic Energy Agency (IAEA) Department of Safeguards</i>
	Implementation of Administrative Arrangements	<b>Jessica Norles</b> <i>Office of Nonproliferation and Arms Control, NNSA</i>
	IAEA Safeguards Agreements	<b>Dave Hanks</b> <i>NRC</i>
1:50 pm – 2:00 pm	<i>Break</i>	
2:00 pm – 2:30 pm	Session Chair: <b>Pete Dessaules, NNSA</b>	
	Ending the Production of HEU and Separation of Plutonium	<b>Frank N. von Hippel</b> <i>Princeton University</i>
2:30 pm – 2:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Individual Recognitions	<b>Pete Dessaules</b> <i>NMMSS Program Manager, NNSA</i>
	DOE/NNSA Facilities and NRC Licensees Recognitions	<b>Mirabelle Shoemaker</b> <i>Material Control and Accounting Branch, NRC</i>
2:50 pm – 3:00 pm	<b>Closing Remarks - Mirabelle Shoemaker, NRC</b>	
3:00 pm	<i>Adjourn</i>	



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**Tuesday**

**September 21, 2021**

Time (EDT)	Topic	Invited Speakers
10:30 am – 11:00 am	<i>Connectivity and Audio-Visual Check</i>	
11:00 am – 11:50 am	Session Chair: <b>Pete Dessaules, NNSA</b>	
	Regulatory Perspectives	<b>James Rubenstone</b> <i>Chief, Material Control and Accounting Branch, NRC</i>
	NRC Processes for Communicating Foreign Obligations to U.S. Commercial Nuclear Operators	<b>Santiago Aguilar</b> <i>NRC</i>
	NRC MC&A Inspections – <i>Trends and Observations</i>	<b>Allyce Bolger</b> <i>NRC</i>
	Update on NMMSS Training Opportunities	<b>Shannon Chester</b> <i>NNSA</i>
	Regulatory Tools and Tips	<b>Mirabelle Shoemaker</b> <i>NRC</i>
11:50 am – 1:00 pm	<i>Lunch Break</i>	
1:00 pm – 1:50 pm	Session Chair: <b>Pete Dessaules, NNSA</b>	
	NRC Preparations for the Export of Advanced Reactors	<b>Lauren Mayros</b> <i>Office of International Programs, NRC</i>
	Versatile Test Reactor	<b>Thomas J. O'Connor</b> <i>Office of Nuclear Energy (NE), DOE</i>
	Nonproliferation Trends	<b>Larry Satkowiak</b> <i>Director, Nonproliferation Programs Oak Ridge National Laboratory</i>
1:50 pm – 2:00 pm	<i>Break</i>	
2:00 pm – 2:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Building NMMSS Resilience in Response to Global Nuclear Proliferation Threats	<b>Pete Dessaules</b> <i>NMMSS Program Manager, NNSA</i>
	Management of Foreign Material	<b>Karen McCulloch</b> <i>Y-12</i>
	NMMSS Foreign Obligations Activities	<b>Alexandra Zeigler</b> <i>NMMSS</i>
2:50 pm – 3:00 pm	<b>Closing Remarks - Mirabelle Shoemaker, NRC</b>	
3:00 pm	<i>Adjourn</i>	



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## Wednesday

**September 22, 2021**

Time (EDT)	Topic	Invited Speakers
10:30 am – 11:00 am	<i>Connectivity and Audio-Visual Check</i>	
11:00 am – 11:50 am	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Training Resources in Support of IAEA	Malinda Devaney <i>Nuclear Nonproliferation Division, ORNL</i>
	Tracking DOE-Owned Nuclear Material by NRC Licensees	Shannon Chester <i>NNSA</i>
	Consolidating the Management of Government-Owned Material on Loan to NRC Licensees	Zach Geroux <i>NNSA</i>
	NMMSS Reconciliation Process – Brief Overview	John Cettin, <i>NMMSS</i> Brandon Zack, <i>NMMSS</i>
11:50 am – 1:00 pm	<i>Lunch Break</i>	
1:00 pm – 1:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Fundamentals of Reporting Inventory Changes to NMMSS (DOE/NRC Form 741) – Part I	John Cettin, <i>NMMSS</i> Mitch Hembree, <i>NMMSS</i> Brandon Zack, <i>NMMSS</i> Alexandra Zeigler, <i>NMMSS</i>
1:50 pm – 2:00 pm	<i>Break</i>	
2:00 pm – 2:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Fundamentals of Reporting Inventory Changes to NMMSS (DOE/NRC Form 741) – Part II	John Cettin, <i>NMMSS</i> Mitch Hembree, <i>NMMSS</i> Brandon Zack, <i>NMMSS</i> Alexandra Zeigler, <i>NMMSS</i>
2:50 pm – 3:00 pm	<b>Closing Remarks - Mirabelle Shoemaker, NRC</b>	
3:00 pm	<i>Adjourn</i>	



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**Thursday**

**September 23, 2021**

Time (EDT)	Topic	Invited Speakers
10:30 am – 11:00 am	<i>Connectivity and Audio-Visual Check</i>	
11:00 am – 12:00 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Fundamentals of Reporting Material Balance Report to NMMSS (DOE/NRC Form 742)	John Cettin, <i>NMMSS</i> Mitch Hembree, <i>NMMSS</i> Brian Horn, <i>NMMSS</i>
	Reporting Concise Notes	Brandon Zack, <i>NMMSS</i> Alexandra Zeigler, <i>NMMSS</i>
12:00 pm – 1:00 pm	<i>Lunch Break</i>	
1:00 pm – 1:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Fundamentals of Reporting Physical Inventory Listing to NMMSS (DOE/NRC Form 742c)	John Cettin, <i>NMMSS</i> Mitch Hembree, <i>NMMSS</i> Brian Horn, <i>NMMSS</i> Brandon Zack, <i>NMMSS</i> Alexandra Zeigler, <i>NMMSS</i>
1:50 pm – 2:00 pm	<i>Break</i>	
2:00 pm – 2:50 pm	Session Chair: <b>Mirabelle Shoemaker, NRC</b>	
	Highlights of NMMSS Training for NRC MC&A Inspectors	Brian Horn, <i>NMMSS</i>
2:50 pm – 3:00 pm	<b>Closing Remarks - Mirabelle Shoemaker, NRC</b>	
	<b>Closing Remarks - Pete Dessaulles, NNSA</b>	
3:00 pm	<i>Adjourn</i>	