



U.S. DEPARTMENT OF
ENERGY



Transportation
Emergency
Preparedness
Program



Transportation Emergency Preparedness Program (TEPP) Update



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TEPP – Discussion Topics

- FY '23 TEPP Training Activities
- FY '24 TEPP Training Forecast
- TEPP Model Needs Assessment
- MERRTT Improvements Items
 - Merging of modules
- Online MERRTT (OMERRTT)

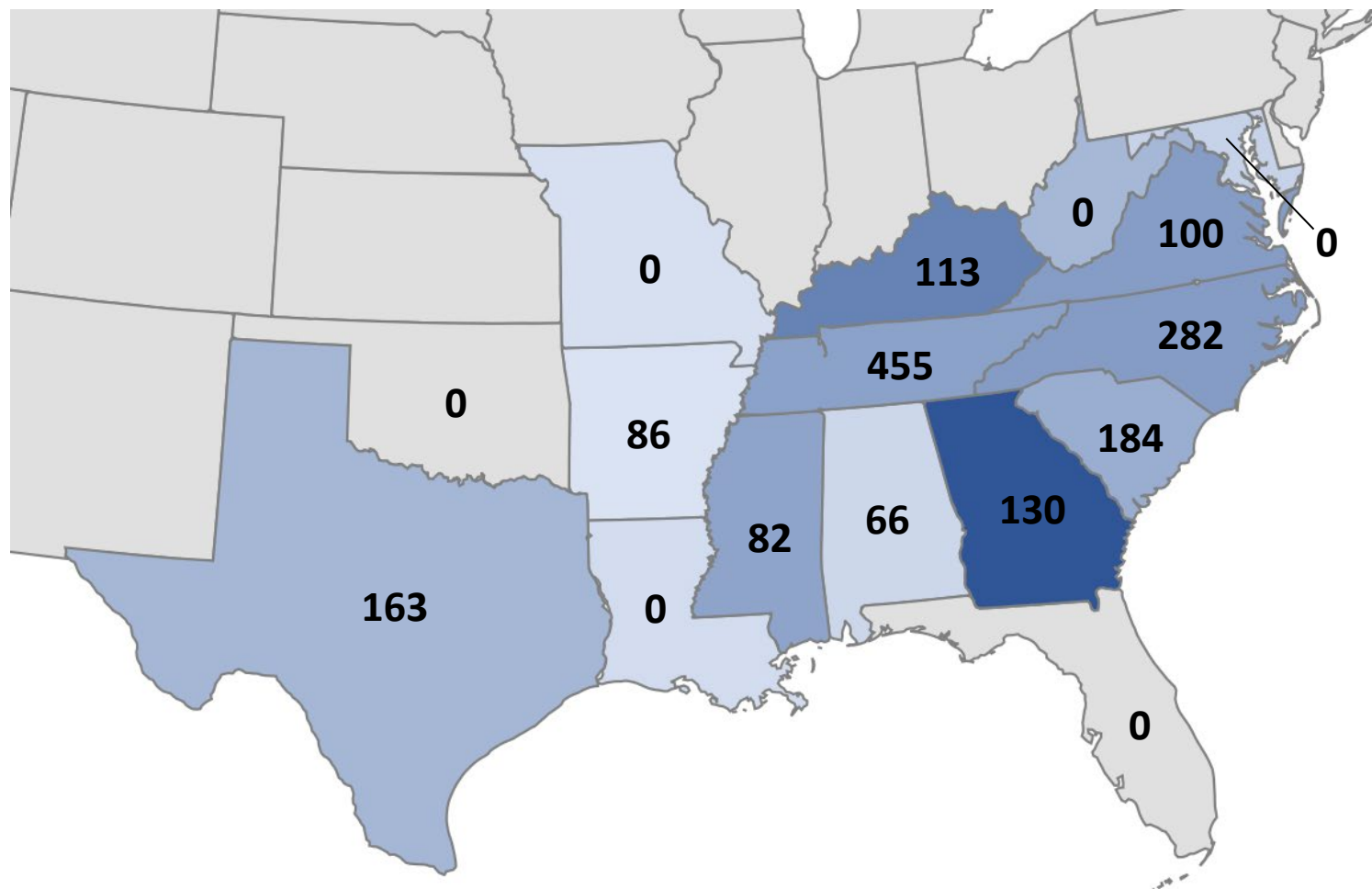


Completed FY '23 SSEB Training Activities

FY 2023 SSEB Training									
State	Total Classes	TtT	Full	CMERRTT	TMERRTT	Hospital	Radiation Specialist	Total Students Trained	CEH Awarded
Alabama	7	1		6				66	40
Arkansas	6		6					86	61
Georgia	9		3	3	3			130	42
Kentucky	6	1	1	1	3			113	49
Mississippi	4		4					82	19
North Carolina	11	1	2	7		1		282	88
South Carolina	7		1	2	4			184	61
Tennessee	16	1	1	8	4	1	1	455	115
Texas	15		6	5		4		163	18
Virginia	6				3	3		100	0
Total	87	4	24	32	17	9	1	1661	493



FY '23 Training Numbers for SSEB States





Projected FY '24 SSEB States Training

- **Based on available funding, TEPP plans to conduct the following training sessions and exercises for FY 2024 across the Southern States**
 - ✓ ~ 30 CMERRTT sessions
 - ✓ ~ 25 MERRTT sessions
 - ✓ ~ 20 TMERRTT sessions
 - ✓ ~ 1 Hospital session
 - ✓ ~ 1 Exercise



Planning Tools

- TEPP's Model Needs Assessment is designed to assist in identifying needed improvement area in planning and training

2.3 HAZARDOUS MATERIALS TEAM PROCEDURES AND CAPABILITIES

1. Does the county/region have a Hazardous Materials Team?
☐ Yes ☐ No
2. Has the Hazardous Materials Team completed a self-evaluation, such as that outlined in EPA Regulation 540 G-90 003, to ensure that the team meets local and state requirements?
☐ Yes ☐ No
3. Are the Hazardous Materials Team's services available 24-hours a day, 7 days a week?
☐ Yes ☐ No
4. Are mutual aid agreements developed to support hazardous materials incidents?
☐ Yes ☐ No
5. Has the Hazardous Materials Team's mutual aid agreement been exercised/practiced in the past year?
☐ Yes ☐ No



TEPP Partnerships

- TEPP works closely with trainers from the Waste Isolation Pilot Plant (WIPP)
- TEPP and WIPP often co-teach MERRTT sessions occurring on shipping routes shared by Environmental Management (EM) and WIPP shipments
- TEPP provides radiation sources for many of the WIPP Transportation Exercises (WIPPTREX) conducted throughout the U.S.
- TEPP partners with agents from OST to enhance their visibility





MERRTT Improvement Items

- Original MERRTT developed in 1998.
- It originally had 18 modules and three hands-on activities
- In 2000, WIPP States and Tribal Education Program (STEP) and TEPP MERRTT were merged and WIPP began using it, which allowed a single DOE radiological responder training program, enabling sharing of training resources and reducing cost on shared transportation routes
- Over the years, improvements have been implemented based on feedback from students, instructors, stakeholders, and the Training Task Group
- The 2012 implementation of the Case Histories module into the training program is an example of that feedback





MERRTT Improvement Items

- For each revision, graphics and pictures throughout the training program have been updated
- The MERRTT training program is currently undergoing revision and expected to be completed NLT first quarter of 2024
- In 2023 TEPP worked with the Training Task Group in eliminating Module 15 and merging parts into Module 9
 - DOE Shipments and Resources (9) and Public Information Officer (15)
- Combining these modules will free up time for additional hands-on activities
- Several modules were updated based on participant feedback
- Updated the Case Histories Module to include more recent incidents





Transportation Emergency Preparedness Program

A Comprehensive Emergency Management System established by the U.S. Department of Energy

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MERRTT Training Program ▾

Scheduled Events

TEPP Tools ▾

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MERRTT Modules

How-to Videos

TEPP Full Length Videos

Training Aid - RAM Flatsheet

Training Aid - Decon Corridor

Course Descriptions/TEPP Training Matrix

Online MERRTT Refresher

Our Mission

The TEPP is a comprehensive emergency management system established by [DOE Order \(DOE O\) 151.1, Comprehensive Emergency Management](#)

for emergency planning and preparedness activities under a single program with the goal to ensure DOE, its operating offices, federal, state, tribal, and local responders are prepared to respond promptly, efficiently, and effectively to possible accidents involving DOE shipments of radioactive materials.

The TEPP mission is to ensure that federal, state, tribal, and local responders have access to the plans, training, and technical assistance necessary to safely, efficiently, and effectively respond to transportation accidents involving DOE-owned radioactive materials. To accomplish this mission, a suite of tools have been developed to aid response jurisdictions in the event of an accident.

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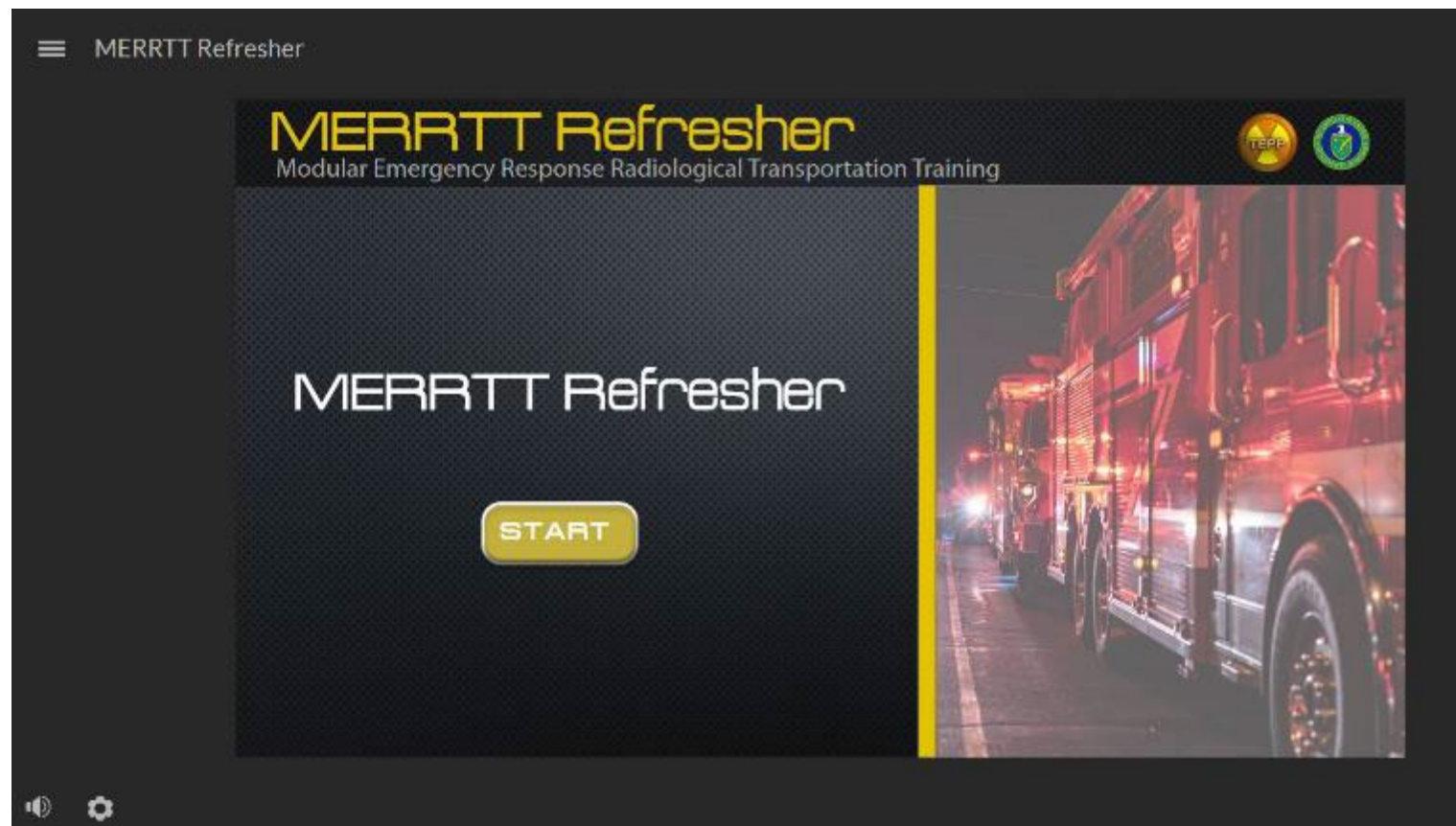
MERRTT Program

The Modular Emergency Response Radiological Transportation Training (MERRTT) program is designed to take the complex topic of a radiological accident response and break it down into manageable modules for responders.



MERRTT Improvement Items

- New Online MERRTT program can be found at teppinfo.com





Questions or to Schedule TEPP Training

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Final Questions

