

Northeast High-Level Radioactive Waste Transportation Task Force TEPP Update

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Discussion Topics

- TEPP's Mission
- FY 23/24 Training
- Upcoming Events
- MERRTT Revision



TEPP's Mission

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 the response jurisdictions in their readiness activities.

Office of Environmental Management



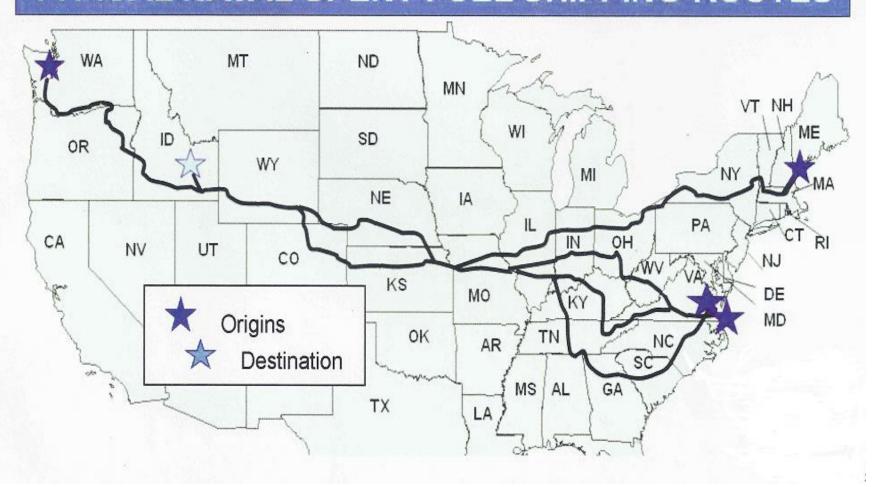
Waste Isolation Pilot Plant



National Nuclear Security Site



TYPICAL NAVAL SPENT FUEL SHIPPING ROUTES





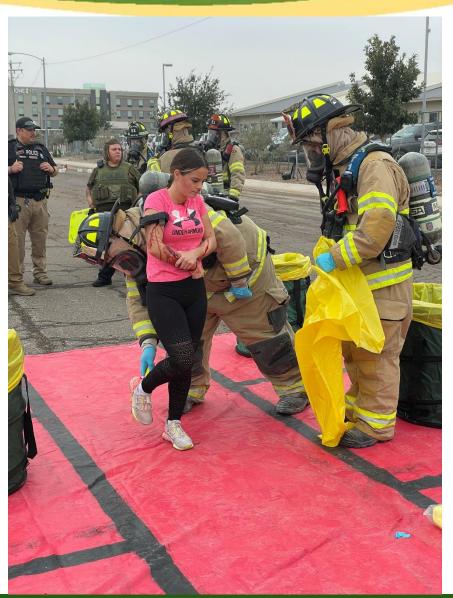
Pennsylvania

Course	Classes	Students
Full MERRTT	7	107
CMERRTT	28	344
TMERRTT	2	45
Rad Specialist	1	30

Other Activities

TEPP/WIPPTREX Exercise

- Pecos, TX
- 17 agencies
- > 125 player



Upcoming Activities

- 10/27-29: PEMA RODEO Pittsburgh, PA
- 1/24: 4 MERRTTs Altoona, PA
- 2/3/24: TMERRTT Reading, PA
- 10/15-16/24: MERRTT Allentown, PA
- 10/17/24: TMERRTT Allentown, PA

Radiation Specialist

• 1/15-19/24: Golden, CO

Upcoming Activities

 Working with Nancy Stanley (NJDEP) and Vincent Williams (NJSP)

- Possible MERRTT classes in Bergan and Middlesex Counties, NJ
 - Carlos Morales
 - Scott Saunders

MERRTT 2024 Revision

- Comment matrix distributed to ad hoc committee
- 3 members provided feedback:
 - Greg Gothard Michigan
 - Tad Rumas Ohio
 - AJ Bhattacharyya Kentucky

Website Resources

TEPP web site provides one-stop for information

- National Training and Exercise Schedule
- State 24-Hour Points of Contact
- Needs Assessment
- Model Procedures
- Exercise Planning Resources
- TEPP Regional Coordinators
- Online MERRTT Refresher

em.doe.gov/otem or teppinfo.com



Transportation Emergency Preparedness

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

	MERRTT Modules	
	How-to Videos	
	TEPP Full Length Videos	Our Mission
	Training Aid - RAM Flatsheet	
TEPP i	Training Aid - Decon Corridor	emergency management system established by <u>DOE Order (DOE O) 151.1, Comprehen</u>
TEPP i	Course Descriptions/TEPP Training Matrix	emergency planning and preparedness activities under a single program with the goal
tribal	Online MERRTT Refresher	d to respond promptly, efficiently, and effectively to possible accidents involving DOE s
implem	nented using an approach to ensure that in	ntial responders to a radiological transportation accident have the necessary knowledge
situatio	on.	

MERRTT Program

The Modular Emergency Response Radiological Transportation Training (MERRTT) program is designed to take the complex topic of a radi



→ MERRTT Refresher

Welcome ~

~

Scene Size-up

Patient Rescue ~

Fire/Shipping Papers

Decontamination

Hazmat Response

Scene Wrap-up



Modular Emergenciation Training



PDF **ERG**

PDF Bunker Gear Dressdown

RAM Flatsheet

MERRTT Manual









Online MERRTT Training

The DOE Transportation Emergency Preparedness Program (TEPP) developed the Online MERRTT Training to provide an interactive refresher on accidents involving radioactive material. This training is roughly 45 minutes long and participants will receive a certificate of completion at the end of the training.

To enroll in this training course, please complete the form below, hit the submit button, and you will receive an email from Rise.com that will allow you to begin taking the online course. Please check your junk mailbox as the Rise.com email can be sent there.

If you have any additional question, contact TEPP Central Operations at admin@merrtt.com.

Name		
First	Last	



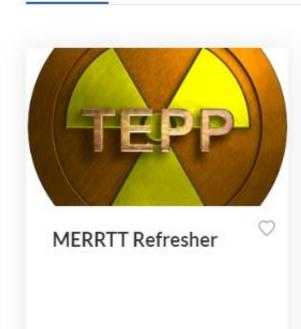
My Learning

Assigned to me

My list

In-Progress

Completed



1 Lesson | 30 min



→ MERRTT Refresher

Welcome ~

~

Scene Size-up

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Decontamination

Hazmat Response

Scene Wrap-up



Modular Emergenciation Training



PDF **ERG**

PDF Bunker Gear Dressdown

RAM Flatsheet

MERRTT Manual





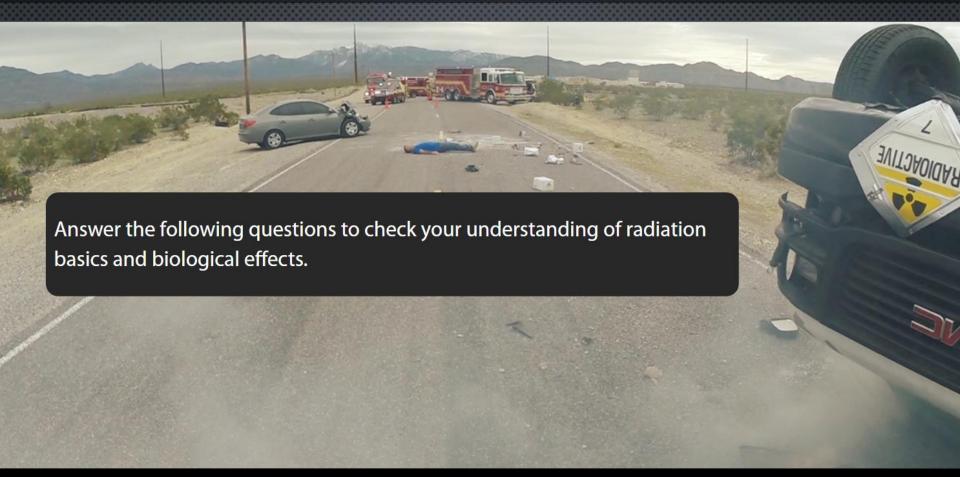






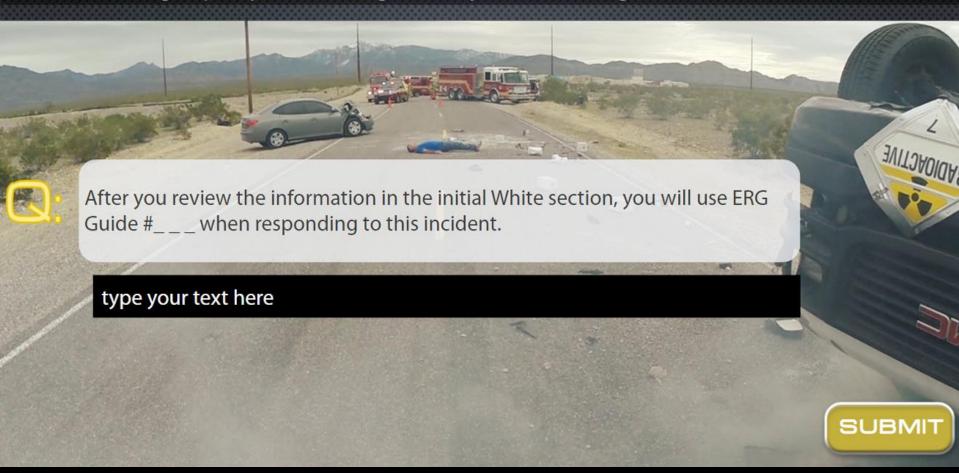






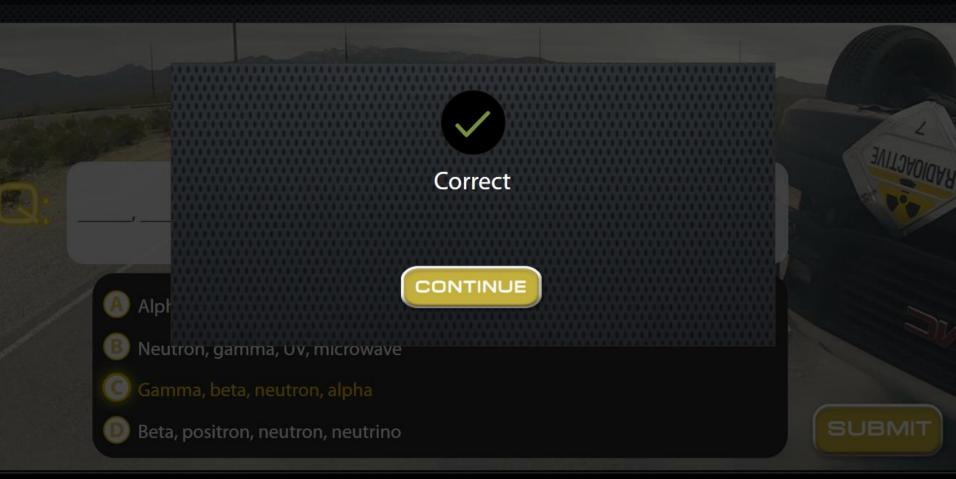




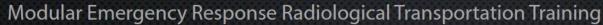








MERRTT Refresher

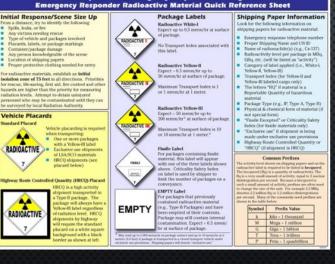






To complete the rest of this training, you will need the Emergency Response Guidebook (ERG), Radioactive Material (RAM) Flatsheet, and Bunker Gear Job Aid. Click on the image below to download each document. When ready, select the next arrow to begin





Transportation Emergency Preparedness Program



Transportation Emergency Preparedness Program

Bunker Gear Decontamination Corridor Set Up, Dress Up, and Dressdown Job Aid Dressing Up in Runker Gear
Team from the incident scene bunker (see the entrance and step into the decontamination corridor includes, helmet, bood, coat, parits, boots, and decontamination corridor decontamination corridor.

responder by doing the following: Remove the responder's <u>firefighting gloves</u> and place in waste collection container

ace in waste collection container

Decontamination worker changes gloves

t medical exam gloves on responder's hands d have them step forward

Remove the <u>helmet and hood</u> and place in the waste container. Responder steps forward

Remove the responder's <u>SCBA harness/</u> <u>backplate</u>. Responder steps forward

O NOT REMOVE PACEPIECE OR TURN OFF AIR UPPLY - MAINTAIN RESPIRATORY PROTECTION

temove the <u>firefighting coat</u> and place in the vaste container. Responder steps forward

Pull the pants down to the top of the boots. Have the responder step forward while steppis out of their firefighting boots.

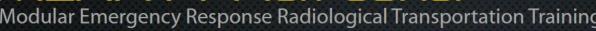
ontamination worker changes glov

As available, put temporary <u>lootwar</u> (shoe covers, sandals, etc.) on the responder, then place <u>loots/pauts</u> in the waste container

lave responder remove their <u>[acepiece</u> and hand it to the decontamination works Responder steps forward

Remove responder's <u>final pair</u> of medical exam gloves and conduct <u>final contamination survey</u> Decontamination workers will conduct a self-

Nex. 03 312

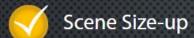


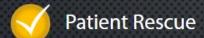






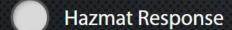














Congratulations! You have successfully set up the Decontamination Corridor and performed gross decontamination of firefighters exiting the hot zone.





There are several steps taken to perform gross decon on a nonambulatory patient. Select each step and drag and drop it in the correct sequence.

Cut clot	hing awa	v from	body

Treat non-life threatening injuries

Enter hot zone and place backboard adjacent to patient

Responders remove outer pair of gloves

Prepare backboard

Load patient on backboard and wrap inner protective barrier around patient

Don appropriate protective clothing

Carry patient to boundary of hot zone and pass patient across control line

Step 1

Step 2

Step 3

Step 4

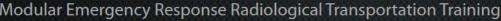
Step 5

Step 6

Step 7

Step 8









Drag and drop items in the trash can in the order they are removed or hand items to decontamination worker.









Perform decontamination dressdown. Tip: Use your downloaded **Bunker** Gear Job Aid as a reference.









You have successfully completed the MERRTT Refresher!



Certificate of Course Completion

MERRTT Refresher

Celeste Cusack

June 2, 2022

TRG

Questions

