

Transportation Emergency Preparedness Program (TEPP)

**Southern States Energy Board (SSEB) Radioactive
Materials Transportation Committee and Transuranic
Waste Transportation Working Group Meeting**

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09 December 2025

Kansas City, MO



TEPP 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.



TEPP Update

Presentation Topics

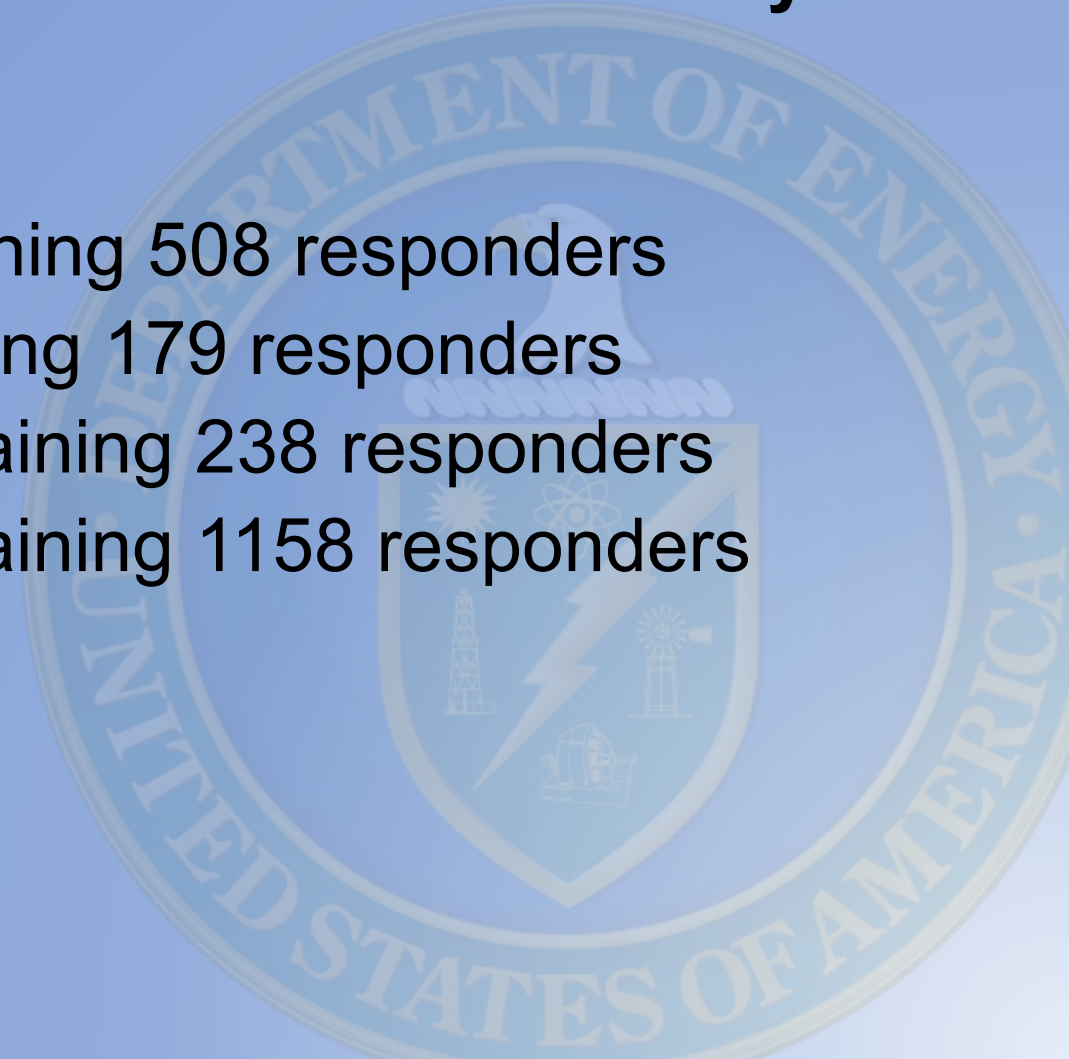
- FY 2025 National Training Activities
- Completed FY 2025 Training and Exercise Activities
- Projected FY 2026 Training and Exercise Activities
- Upcoming Southern Training 2Q
- TEPP Partnerships
- TEPP Improvement Projects
- Website Resources
- Commendation



FY 2025 National Training Activities

Completed training sessions and headcount for FY 2025 by Regional Government Groups

- Western – 32 DOE TEPP classes training 508 responders
- Midwest – 9 DOE TEPP classes training 179 responders
- Northeast – 15 DOE TEPP classes training 238 responders
- Southern – 73 DOE TEPP classes training 1158 responders

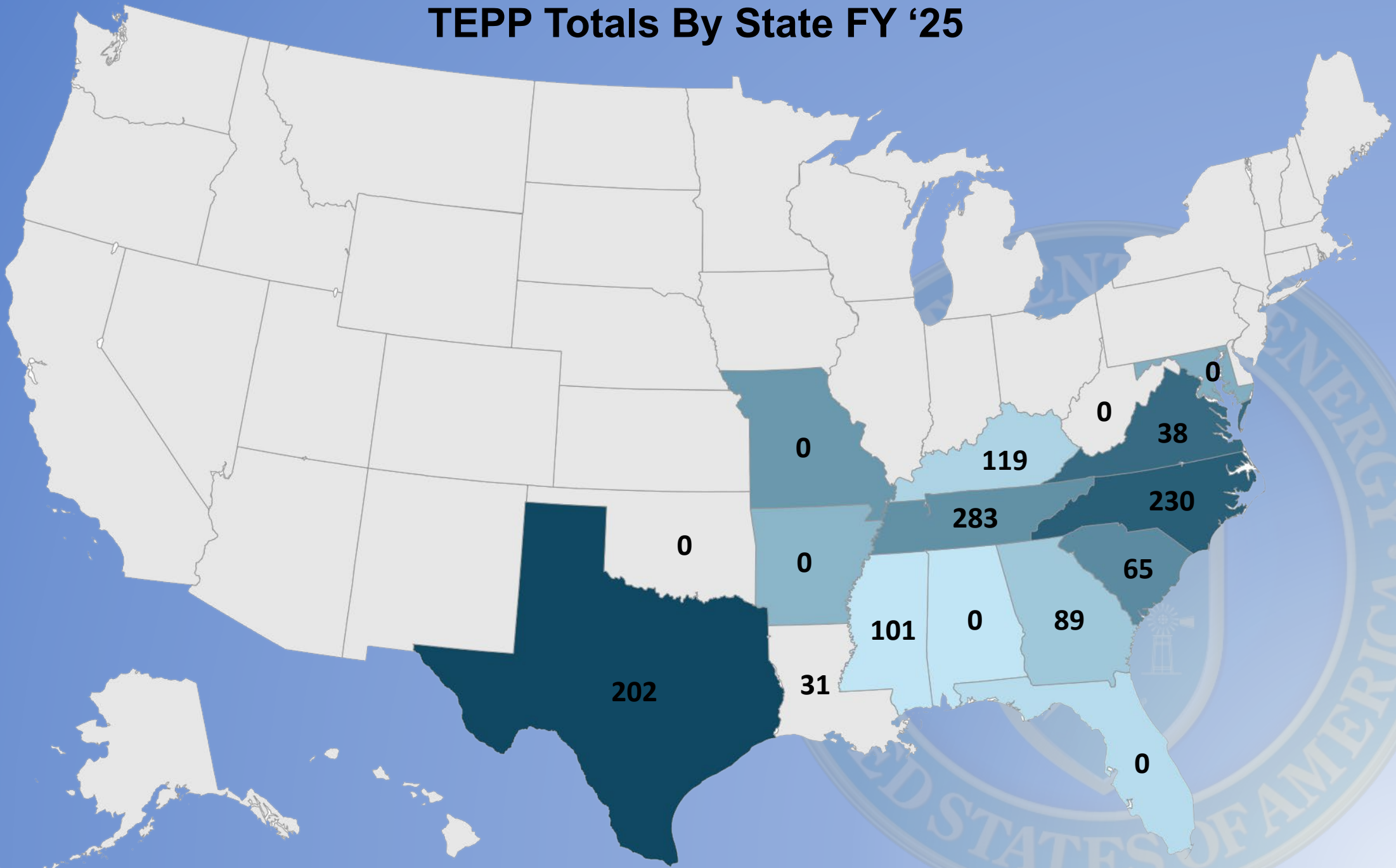


Completed FY 2025 SSEB Training and Exercise Activities

FY 2024 SSEB Training

State	Total Classes	TTT	Full MERRTT	CMERRTT	Partial	T-MERRTT	Hospital	Radiation Specialist	TTX/FSX	Total Trained	CEH
Georgia	7	0	43	7	0	39	0	0	0	89	42
Kentucky	8	11	28	41	0	39	0	0	0	119	61
Louisiana	3	1	29	1	0	0	0	0	0	31	24
Mississippi	7	0	0	81	0	0	0	0	20	101	30
North Carolina	12	3	126	55	1	45	0	0	0	230	46
South Carolina	3	3	39	0	0	0	0	23	0	65	40
Tennessee	19	56	32	146	0	50	0	0	0	283	110
Texas	10	0	30	100	0	0	26	0	45	202	49
Virginia	4	0	10	19	1	8	0	0	0	38	20
Totals	73	74	337	450	2	181	26	23	65	1158	422

TEPP Totals By State FY '25



Projected FY 2026 SSEB States Training

- Based on available funding, TEPP plans to conduct the following training sessions and exercises for FY 2026
 - ✓ ~ 20 CMERRTT sessions
 - ✓ ~ 15 MERRTT sessions
 - ✓ ~ 10 TMERRTT sessions
 - ✓ ~ 1 Hospital session
 - ✓ ~ 2 Exercises



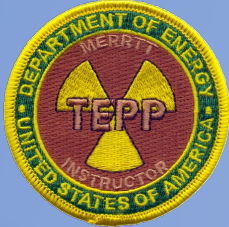
Upcoming Southern Training

- CMERRTT – Jackson, MS, 9-11 December 25
- MERRTT – Abilene, TX, 9-12 December 25
- CMERRT – Augusta, GA, 21-22 January 26
- MERRTT – Crestwood, KY, 4-5 February 26
- Radiation Specialist – Louisville, KY, 9-13 February 26
- CMERRTT – Ft. Dietrick and Annex, MD, 9-13 February 26
- CMERRTT – Chilhowie, VA, 19 February 26
- CMERRTT – Bristol, VA, 20 February 26
- TMERRTT – Wise, VA, 21 February 26
- MERRTT – Raleigh, NC, 12-13 March 26
- TMERRTT – Ft. Dietrick and Annex, MD, 9-13 March 26



TEPP Partnerships

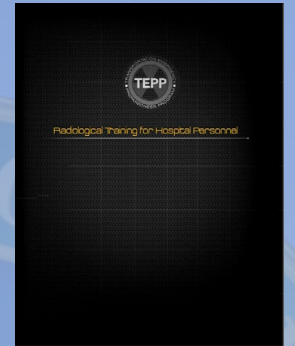
- TEPP works closely with trainers from the Waste Isolation Pilot Plant (WIPP) and often co-teach MERRTT sessions occurring on shipping routes shared by Environmental Management (EM) and WIPP shipments
- TEPP provides radiation sources for many of the WIPP Transportation Exercises (WIPPTREX) conducted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



TEPP Improvement Project Updates

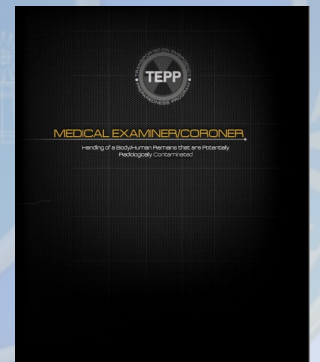
Hospital Emergency Department Management of Radiation Accidents Course

- 8-hour course designed to introduce hospital providers to ionizing radiation, biological effects of radiation, facility preparation, rad instrumentation, patient decon/treatment
- Piloted Redding, CA, 04 November 25 (Changes will be incorporated in FY '26)



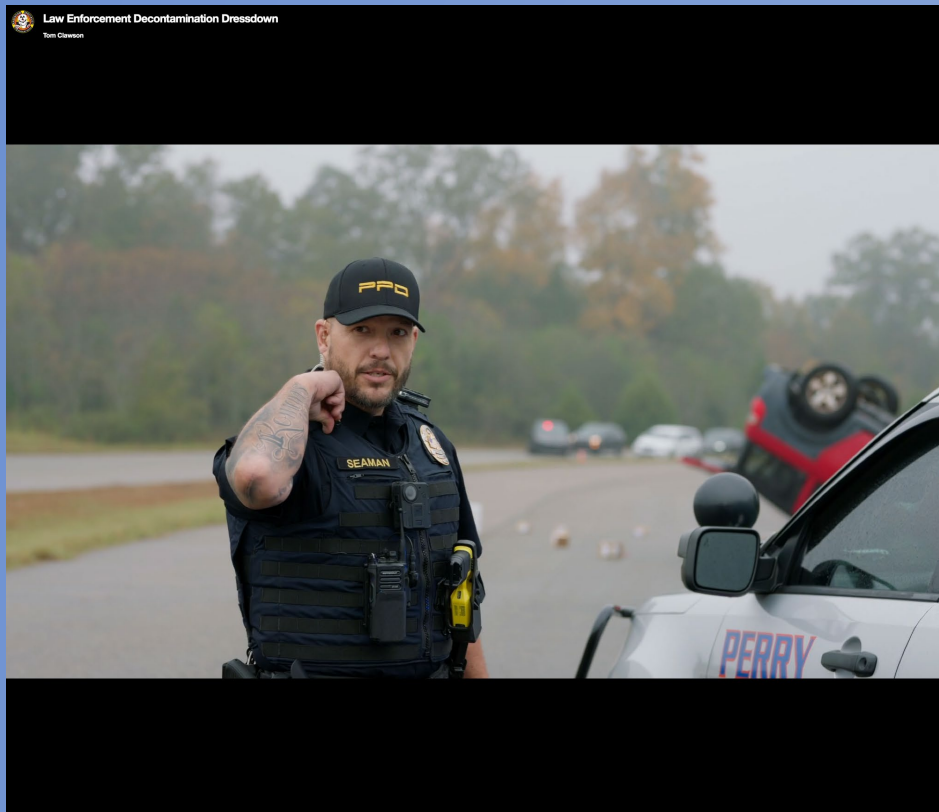
Medical Examiner/Coroner: Handling of a Body/Human Remains that are Potentially Radiologically Contaminated



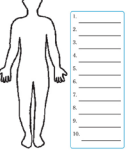



- 8-hour course of easily understandable modules in combination with hands-on exercises, intended to familiarize attendees with radiological hazards, methods to minimize spread of contamination, unique considerations during autopsy and proper disposition of potentially radioactive remains.
- Piloted 06 August 25 in Reading, PA



TEPP Improvement Project Updates

- LEO Decon Video and Job Aid completed and premiered at NTSF
 - Both products can be accessed at teppinfo.com



Transportation Emergency Preparedness Program Law Enforcement Decontamination Job Aid	
Decontamination Stand-in-Place Dressdown With the assistance of responders on the scene, the officer will step into the decontamination area where an oversized trash bag has been placed on the ground in a manner where the sides of the bag are rolled down. All personal effects removed will be under the control of the evidence custodian. Decontamination dressdown procedure The evidence custodian will observe the decontamination workers removing/bagging the officer's personal effects using the following steps: <ul style="list-style-type: none">• The officer will step into the oversize trash bag• Place wallet, jewelry, cell phone, etc. in a separate sealed bag• Any gloves including medical exam gloves• Glasses, head gear, and jacket• Ballistic vest (if worn outside shirt)• Shirt• Ballistic vest (if worn inside shirt)• Untie or unzip shoes/boots to make it easier for removal (leave on at this time)• Slide pants to ankles• With pants at ankles, have the officer step out of their pants/shoes/boots while stepping out of the trash bag• All personal effects will then be double bagged and controlled by the evidence custodian	Modesty Clothing and Survey Station After decontamination, modesty clothing (disposable coveralls) will be provided. Officer will proceed to the radiological survey station At the survey station, the officer will remove their modesty clothing and the Radiation Authority will conduct a radiological survey to determine if they are contaminated. If the officer is contaminated, the Radiation Authority will note contamination locations, levels and designate the necessary steps to ensure the officer is properly decontaminated and the spread of contamination is minimized. Upon completion of the whole-body survey, the officer should be provided with clean modesty clothing.
Return to Duty The Radiation Authority and Incident Commander will decide if the officer can be released to continue normal work. <ul style="list-style-type: none">• The evidence custodian will maintain custody of the bagged items at a designated location near the decontamination area. The receiving officer will brief the Incident Commander on the number, type, and location of items (vehicle keys, weapons, and law enforcement vehicles) needing survey or possible decontamination.• The Incident Commander will work with the evidence custodian and the Radiation Authority to determine the best location for the final contamination survey and decontamination of personal and law enforcement sensitive items.	
<p>Patient Name: _____ Date/Time: _____</p> <p>Mark contamination locations on the diagram below:</p> <div><div>FRONT</div><div>BACK</div></div> <p>Comments: _____</p> <p>Monitored by: _____ Instrument Type: _____</p> <p>Instrument S/N: _____ Cal Due Date: _____</p> <p>Instrument background: _____</p> 	
<p>This Quick Reference Sheet was produced by the U.S. Department of Energy Transportation Emergency Preparedness Program. For additional information, visit the TEPP website at www.eis.doe.gov/etep or phone (202) 526-8805</p> <div></div> <p>Rev. 2 2023</p>	

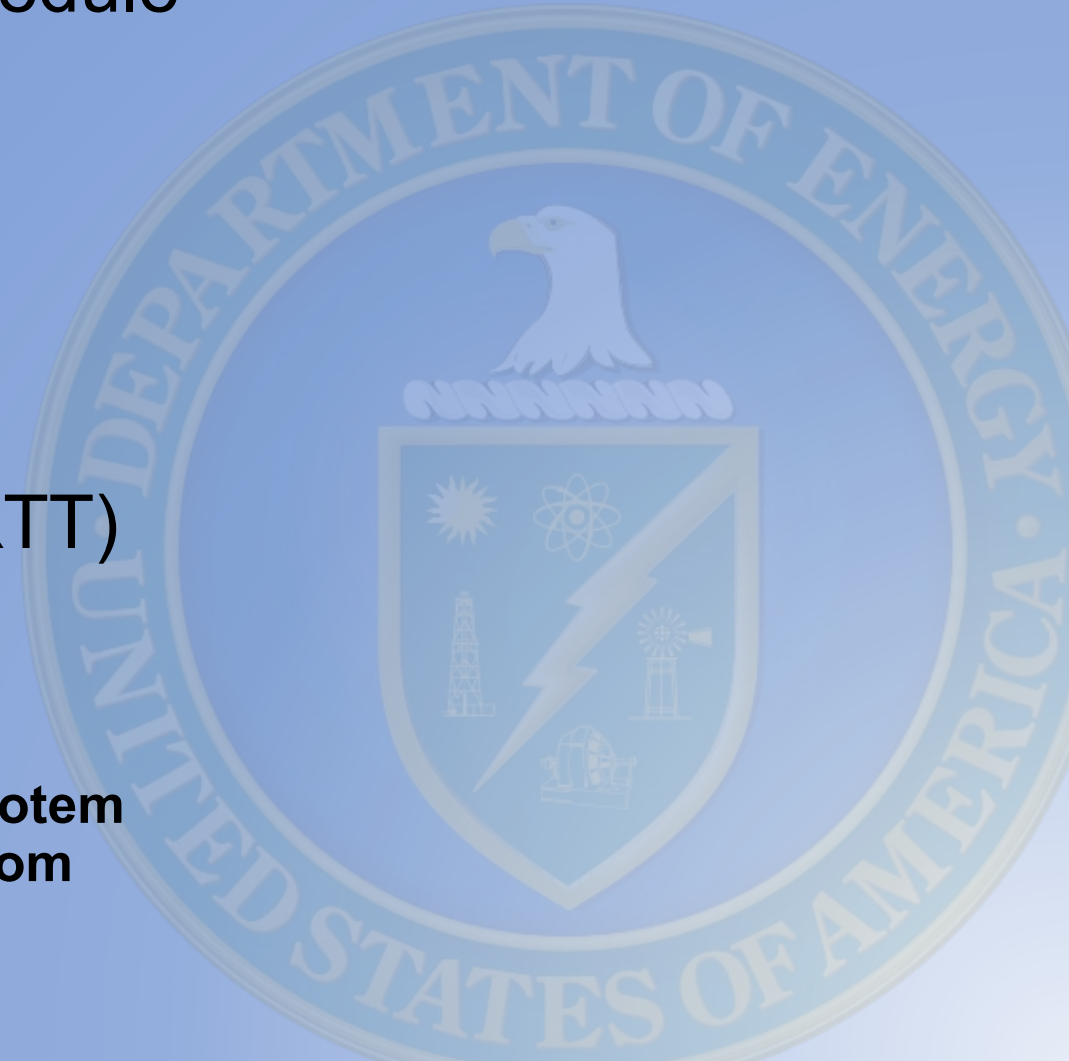
Website Resources

The TEPP website provides one-stop for information

- National Training and Exercise Schedule
- State 24-Hour Points of Contact
- Needs Assessment
- Model Procedures
- Exercise Planning Resources
- TEPP Central Operations Contact
- Online MERRTT program (OMERRTT)



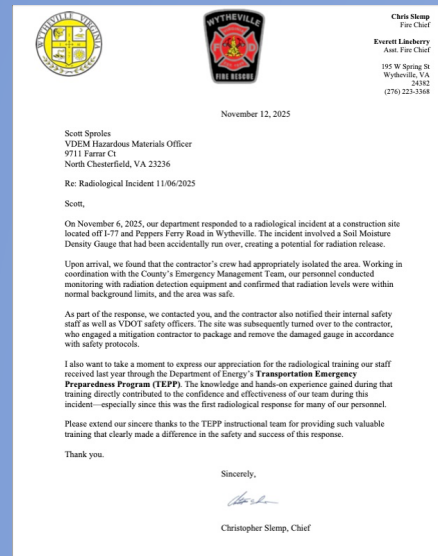
www.em.doe.gov/otem
www.teppinfo.com



Commendation

- Real-World Response in Wytheville, VA
- TEPP training cited as crucial in success of department's first radiological response
- Chief Christopher Slemp of WFD penned letter to Scott Sproles of VDEM

"I also want to take a moment to express our appreciation for the radiological training our staff received last year through the Department of Energy's Transportation Emergency Preparedness Program (TEPP). The knowledge and hands-on experience gained during that training directly contributed to the confidence and effectiveness of our team during this incident—especially since this was the first radiological response for many of our personnel."



Questions or to Schedule TEPP Training

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Questions

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