



TEPP – Making A Difference

Where we started – and
where we are going

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Brief TEPP History

- In 1988, identified need to address emergency preparedness concerns of shipments to WIPP
- EM established in 1989, TEPP became a funded program
 - Identified need to have a program to focus on preparedness for all radiological shipments
 - TEPP incorporated into DOE Order 151.1





Brief TEPP History

- Developed MERRTT thru the Training and Medical Issues Topic Groups
 - Began using MERRTT in 1998
- MERRTT and WIPP STEP Merged
- Stakeholders began asking for a more advanced level of training
 - In 2005, TEPP looked to the NFPA 472 standard for training competencies
 - Many of the NFPA competencies were not attainable
 - TEPP worked with NFPA to re-shape the competencies so they were more structured and attainable



Where TEPP is Today

- TEPP is becoming an all-inclusive program
 - Upfront planning tools
 - Needs Assessment
 - Model Plans and Procedures
 - Comprehensive training program
 - Awareness
 - Ops
 - Technician
 - Specialist
 - Hospital
 - HSEEP compliant drill and exercise program



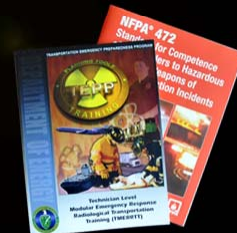
2010 MERRTT Continuous Improvement Items

- Revised all supporting training video clips to improve quality
- Textbook practical added for the PIO Module
- Picture Card Practical added as another Day 2 hands-on activity



Technician MERRTT (TMERRTT)

- NFPA 472 (2008) added *Competencies for Responders Assigned Radiological Agent-Specific Tasks* (Annex D)
- NFPA Chapter 7 (Technician Competencies) and new Annex D Competencies were crosswalked with the MERRTT objectives
- Crosswalk identified need for technician level training
 - TMERRTT course developed





Technician MERRTT

- TMERRTT is an 8-hour course that combines classroom and hands-on using high activity sources
- The hands-on portion is conducted with 3 teams rotating through 3 mini-drill scenarios:
 - Patient Handling & Decon
 - Accident Scene Survey & Mapping
 - Lost Source Survey
- Due to funding constraints, a limited number of TMERRTT courses will be offered



Technician MERRTT Development Status

- Task Group established and developed draft in February 2010
- Course piloted six times: three in Lincoln, NE, and three in Kansas City
- Task Group addressing comments from pilot
 - Need to develop options to identify and review the host jurisdictions radiological instrumentation.





Radiation Specialist

- Developed based on feedback from end-users who wanted more advanced level of training
- Many HazMat Teams were sending members to Radiation Safety Officer training
- TEPP used NFPA 472 Annex G as the source of the course competencies



Radiation Specialist

- The goal of NFPA 472 Annex G is to provide the Radiation Specialist with the knowledge and skills to perform the following tasks safely:
 - Analyze a hazardous materials incident involving radioactive materials to determine the complexity of the problem and potential outcomes
 - Plan a response for an emergency involving radioactive material within the capabilities and competencies of available personnel, personal protective equipment, and control equipment based on an analysis of the radioactive material incident
 - Implement the planned response to a hazardous materials incident involving radioactive material



Radiation Specialist

- Course is 40 hours and uses high activity sources
 - Responders have the opportunity to utilize instruments in a “real” radiation field



TEPP Exercises

- TEPP exercises are conducted to validate a jurisdiction’s plans, procedures, and training
- TEPP exercises are HSEEP compliant so the jurisdiction can also take DHS exercise credit
- TEPP planning, training, and exercises have paid off in real-world events





2010 TEPP Exercises and Partnerships

- Topeka, KS
- Lincoln, NE
- Topsfield, MA
- Idaho Falls, ID



Where we are going – Path Forward

- Budget is a concern for delivery of TMERRTT and Specialist Courses
- Looking for cost sharing options
 - Kansas City, KS, used grant funding to pay for sources
 - Radiation Specialist scheduled in Chicago area in partnership with Argonne National Lab
 - University of Pennsylvania has offered sources to support TMERRTT and Radiation Specialist



Questions

