RESPONDING TO TANKER ROLLOVERS

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Objectives

- Discuss initial actions at any incident
- Share methods of identifying products a container is carrying
- Identify incident behaviors to be considered
- Resource management
- Learn how to create an incident action plan
- Share possible action steps
Initial Actions for Most Hazardous Materials/Cargoes Incidents

- Respond from an uphill and upwind direction
- Scene sizeup-CAN
- Secure the scene
- Implement the ICS
- Identify product ASAP
- Remove patients safely
Identifying Product
Tank Shapes
Tank Shapes
Tank Shapes
Tank Shapes
Placards

Nine Classes of Hazardous Materials

- Class 1: Explosives
- Class 2: Gases
- Class 3: Flammable Liquid and Combustible Liquid
- Class 4: Flammable Solid, Spontaneously Combustible, and Dangerous When Wet
- Class 5: Oxidizer and Organic Peroxide
- Class 6: Poison (Toxic) and Poison Inhalation Hazard
- Class 7: Radioactive
- Class 8: Corrosive
- Class 9: Miscellaneous
- Dangeros

Federal Motor Carrier Safety Administration

U.S. Department of Transportation
www.fmcsa.dot.gov
Identifying Product

- Shipping Papers
- Driver or Shipper
- Company Name
- Chemical Properties
What is the Incident Doing?

- Is the trailer damaged?
- Has product been released?
- Solid, liquid, or vapor?
- How much?
- Is it still being released?
- From where?
- Is it on fire?
- Exposures?
What is the Incident Doing?

- Where is liquid or vapor migrating to?
- What is current and forecasted weather?
- What resources do I have?
- What resources can I get?
Creating an Incident Action Plan
An IAP should be based on 4 priorities

- Life Safety
- Incident Stabilization
- Property Conservation
- Environmental Impact

Resources and training should also be considered
The planning process

- Gather information
- Evaluate information
- Determine the best plan
- Implement the plan
- Gather feedback as the plan progresses
Action Steps
Defensive Actions

- Diking
- Damming, retention
- Diversion
- Vapor suppression
- Elimination of ignition sources
- Evacuation
Offensive Actions

- Plugging
- Patching
- Valve shutoff
- Elimination of ignition sources
- Absorption
- Dilution
- Neutralization
- Fire Suppression
- Product Transfer
Next Week

- Case study
- Breakout sessions-Group incident scenarios
- Please join next Wednesday!
Questions