

The Center for National Response Memorial Tunnel Exercises - March 2004







Paint Creek Rd

Livingston Rd

83

Standard



CNR Facility: Vital Statistics

- 2,800 Foot Long Semi-Retired Highway Tunnel
- Located in Standard, West Virginia
 - On Interstate 77/64
 - Between Charleston and Beckely, WV
 - Population: Circa 35 (my numbers)

CNR Memorial Tunnel: History

- Constructed in 1953
- Part of the West Virginia Turnpike
- 1987: Bypassed by Interstate 64/77
- 1990-1997: Federal Highway Administration conducted the Memorial Tunnel Fire Ventilation Test Program

CNR Memorial Tunnel: History (continued)

- 1997-2000: Used as a Storage Site for the WV Turnpike
- May 2000: Conversion into the CNR Exercise facility was initiated

CNR Memorial Tunnel: Facility Description

- Exercise facility for WMD Consequence Management and Counter Terrorism
- Primarily for Military First Responders and their civilian counterparts
- Federally funded through the DOD
- Operated by Titan Corporation

CNR Memorial Tunnel: Training Venues



CNR Memorial Tunnel: Training Venues

- 10,000 acres of semi-wilderness area that can be used for training purposes
- All venues are extremely flexible
- All venues can utilize Chemical, Biological, Radiation Sources and various props
- CNR can take the show on the road

CNR Exercise Week: Participants

- The USCG Atlantic Strike Team
 - 17 personnel
- The 3rd Civil Support Team (PA)
 - 15 personnel
- The FBI (Philadelphia – 1 agent)
- The USEPA (R1, R2, R3)
 - 7 EPA personnel, 2 RST personnel

CNR Exercise Week: Overall Objectives

- Test ability of each agency to integrate into a response
- Identify overlaps/gaps in capabilities
- Identify areas requiring improvement

CNR Exercise Week: Overall Objectives

➤ Areas of Focus

- Communications
- PPE Type & Use
- Monitoring/Detection Equipment
- Analytical Capabilities
- Conflicts in Training Standards & Qualifications
- Conflicts in SOPs & Policies
- Ability to integrate into ICS

CNR Exercise Week: Exercise Design

- Prior to Exercise Week, each group provided the following to CNR:
 - Overall Objectives
 - Agency-Specific Objectives
 - General Scenario Requests

CNR Exercise Week: Exercise Design

- Overall Design
 - Four days of operations
 - Different activity/scenario each day
 - Different lead agency each day

CNR Exercise Week: Exercise Design

- Daily Routine – Highly Structured
 - A.M. Operations/Safety Brief
 - Initiate Exercise Play
 - Real-Time Response
 - Hot Wash at Days End –All Attended
 - Planning Meeting with Agency POCs

Day One: Getting to Know You

- Discussions: Authorities, Mission, Capabilities, Activation Procedures
- Show and Tell:
 - Equipment Comparisons
 - Demonstrations
 - Radiation Survey
 - Drum Sampling
 - Hazcat/Lab Demos

























CAUTION

1VA CAK

11/25

DASANI

RADIATION KIT
2

11/25
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Day Two: Let the Games Begin – Scenario 1

- Lead Agencies: EPA/AST (First on-scene)
- CST/FBI to be integrated into response
- Scenario:
 - Abandoned Drum Site/WV State Referral
 - Suspicious activity observed at site
 - Evolved into potential Drug/WMD Lab

















Day 3: The Dark Tunnel

➤ Objectives:

- Challenge CST assessment abilities
- Test EPA/AST ability to integrate w/CST

➤ Scenarios:

- Traffic Accident in Tunnel With HazMat
- Clandestine WMD Lab





































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Day 4: The Rubble Room

- Objective: Challenge technical assessment abilities of all agencies.
- Scenario: Dirty Bomb
 - Extreme physical hazards
 - Chemical hazards
 - Radiological hazards































OPERATIONS
SECTION



CNR Exercise: Elements of Success

➤ Attitude

- Attitude of the Leadership
- No Egos
- Open minds (Expectations/No Pretense)
- Accommodation/Teamwork
- Willingness to share knowledge/learn
- Rank was left at the door

CNR Exercise: Elements of Success

- Planning and Organization
 - Drill Objectives were kept simple
 - Drill Week well planned
 - ✓ Day 1 Activities
 - ✓ Daily Hot Washes
 - Unit/Agency Organization

CNR Exercise: Elements of Success

- Flexibility/Accommodation
 - Flexibility of CNR
 - Flexibility of Participants
 - All parties willing to accommodate the needs of others

CNR Exercise: Elements of Success

- Quality of the Facilitation
 - CNR allowed free play but kept the action moving
 - AST Command, the exercise host: highly skilled in ICS implementation, drill facilitation and management
 - Hot Washes: Focused and Honest

CNR Exercise: Elements of Success

- Realism and Intensity of the Exercises
- Intensity and dedication of the Participants

Exercise Outcomes

Sharing of resources and knowledge resulted in:

- Mutual Understanding
- Refinement of Operations:
 - Entry/Assessment Techniques
 - Decontamination Procedures
 - Sampling Techniques
 - Rescue Procedures

Exercise Outcomes

- Evolution in One Week - Four entities become One Team:
 - Improvement/Excellence in Response Performance
 - Teamwork in Problem Solving
 - ✓ Radio Communications/Monitoring Equipment
 - ✓ Technical Issues
 - ✓ Four Member Entry Team

Exercise Outcomes

- Teamwork
 - Trust
 - Credibility
 - Mutual Respect
 - Camaraderie

CNR: The Titan Corporation Staff



CNR Tunnel Exercise 2004



CNR Tunnel Contacts

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