TERRORISM/WMD
7th Weapons of Mass Destruction Civil Support Team

Robert D. Bell, Capt., MOANG
Medical Team Leader, 7th CST

LTC William Johnson
7th WMD CST

- Introduction
- Background
- ICS
- Mission of the CST
  - Who we are, where we are
  - How we are trained
  - How we respond
  - Capabilities
7th WMD Civil Support Team
"I believe the proliferation of weapons of mass destruction presents the greatest threat that the world has ever known."

Secretary William Cohen January 1997
History

Recent terrorist events

PDD 39

RAID Teams
Recent Terrorist Events

World Trade Center Bombing

Oklahoma City Federal Building Bombing

Tokyo Subway Incident

Embassy Bombings
Presidential Decision Directive 39

US Policy on Counter-Terrorism

“In June 1995, the White House issued Presidential Decision Directive 39 (PDD-39), “United States Policy on counterterrorism.” PDD-39 directed a number of measures to reduce the Nation’s vulnerability to terrorism, to deter and respond to terrorist acts, and to strengthen capabilities to prevent and manage the consequences of terrorist use of nuclear, biological, and chemical (NBC) weapons including weapons of mass destruction (WMD). “

TERRORISM INCIDENT ANNEX TO THE FEDERAL RESPONSE PLAN
Military Support Detachments

RAID Teams

RAPID
ASSESSMENT
INITIAL
DETECTION

a.k.a. WMD CST

NOTE: Effective 1 February 2000, RAID Teams were re-designated “WMD Civil Support Teams”
Where are we?

WMD CST Detachment Locations

1st WMD CST
MA

2nd WMD CST
NY

3rd WMD CST
PA

4th WMD CST
GA

5th WMD CST
IL

6th WMD CST
TX

7th WMD CST
MO

8th WMD CST
CO

9th WMD CST
CA

10th WMD CST
WA
What does the future hold?

<table>
<thead>
<tr>
<th>Alaska</th>
<th>Arizona</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arkansas</td>
<td>California</td>
</tr>
<tr>
<td>Florida</td>
<td>Hawaii</td>
</tr>
<tr>
<td>Idaho</td>
<td>Iowa</td>
</tr>
<tr>
<td>Kentucky</td>
<td>Louisiana</td>
</tr>
<tr>
<td>Maine</td>
<td>Minnesota</td>
</tr>
<tr>
<td>New Mexico</td>
<td>Ohio</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>South Carolina</td>
</tr>
<tr>
<td>Virginia</td>
<td></td>
</tr>
</tbody>
</table>
Who we are...

CST’s are a Joint Service Unit
Consisting of 22 personnel with
14 Occupational Specialties (MOSQ/AFSCs)
Army & Air National Guard

Our Structure:

- Commander
- Deputy Commander
  - Operations
  - Admin & Logistics
  - Medical
  - Communications
  - NBC Recon
About WMD Civil Support Teams

- We respond to provide assistance to Incident Commander in obtaining samples, detecting, and advising

- Estimated arrival NLT 4 hours

- Tip of the military response to WMD events
The WMD Civil Support Team deploys to an area of operation in support of the local Incident Commander to:

**ASSESS** a known or suspected chemical, biological or radiological event/incident

**ADVISE** the incident commander and civilian first responders regarding appropriate actions

**FACILITATE** requests for assistance to expedite arrival of additional state and federal assets to help save lives, prevent human suffering, and...
Capabilities
Survey
Medical
Operations
Logistics
Communications
Command Group
Capabilities

- 4 hour response goal
- Arrive with some of the best military and commercial equipment for detecting nuclear, biological, and chemical materials
- Capable of acquiring & packaging samples for on-scene presumptive lab analysis & shipment to off-site lab for confirmation
- Provide unique expertise & advice on scene for handling multiple facets of incident
- Ability to contact, facilitate, and integrate with response agencies virtually anywhere in the world
Training for all

- Chem-Bio Countermeasures
- DoD RAID Orientation
- Incident Command System
- DoD Emergency Preparedness Course
- NFA HAZMAT Incident Management
- NFA HAZMAT Operating Site Practices
- Emergency Response to Terrorism
- New Equipment Training
- Collective Training
Survey Team

State of the Art Detection and Sampling Equipment and PPE
Survey Team Training

- NBC Recon
- EPA Sampling
- Emergency Response to HAZMAT Incidents
- Technical Escort Unit
Medical Team

- Skilled health care professionals
- Trained in treatment of WMD casualties
- Nuclear Medical Science Officer
  - MALS for agent detection

Medical Operations Officer  ▶  Physician Assistant  ▶  Nuclear Medical Science Officer  ▶  Medical NCO
Medical Training

- Advanced Life Support in HAZMAT
- Field Management in CBC
- Health physics in Radioactive accidents
- EMS-Special Ops
- Safety/Health for Managers
- Medical Effects of Ionizing Radiation
- NBC Readiness
- Medical Management in CBC
Medical section capabilities

- Obtain preliminary information from known casualty signs and symptoms
- Help establish differential of possible agents
- Advise IC on preventive medicine measures
- Provide preventive and initial medical care for 7th CST
- Liaison with local health care facilities and provide reach back to DoD experts regarding NBC casualties
- Facilitate casualty management in local community as the tip of DoD response
- Provide analysis of samples with use of MALS
Medical limitations

- One health care provider and one NCO to provide care and advise locals on NBC management
- One operations officer to communicate with health care facilities, obtain updates, establish reachback, and coordinate casualty transport
- One nuclear medicine science officer to prepare equipment and provide final analyses on NBC samples extracted from the hot zone
- No ambulance, limited formulary and equipment
Communication Section

Unified Command Suite

Ability to communicate through every available communication network

HF, UHF, VHF, cell phone, internet connectivity, satellite communication capability - worldwide reach back
Who are you going to call?

- Incident Commander or local official
- State Emergency Management Agency
- Missouri Adjuvant General
- 7th Civil Support Team
Provide technical expertise in WMD Response
7th WMD Civil Support Team

- Planned on-scene arrival less than 4 hours
7th WMD Civil Support Team

- Provide near real-time, on-scene hazard models & predictions/estimates
- Access to DoD, DoE & Other Databases
7th WMD Civil Support Team

- Provide on-scene decontamination
  - For 7th CST personnel
  - WMD samples and exposed equipment
7th WMD Civil Support Team

- Civil Support Teams come in support of the Incident Commander
- Technical experts in WMD incident response
- Estimated 4 hour on scene response time
One of the great dangers in such times, if I can paraphrase T.S. Elliot, is it will have the sudden illumination that we had the experience but we missed the meaning. The larger meaning of this moment is that we are living in a world in which more powerful weapons are in the hands of more reckless people who are more likely to use them.
QUESTIONS?
**Capt. Bell** is the medical team leader for the 7th Civil Support Detachment (WMD) stationed at Ft. Leonard Wood, Missouri. He serves as a Physician Assistant with the detachment, providing and directing medical treatment for detachment members. He provides expert advise to local first responders and health care facilities regarding emergent treatment of casualties from nuclear, biological, and chemical (NBC) incidents. Capt Bell supervises on- site laboratory detection of NBC materials and is responsible for reachback to Department of Defense (DoD) experts and civilian authorities on final analyses and recommendations. He has extensive training in NBC casualty care after completion of multiple courses from the National Fire Academy, EPA, and various DoD agencies in nuclear and chem/bio casualty treatment. Education includes a Bachelor of Science degree, with distinction, from the Univ. of Nebraska in 1991 and a Master of Science degree in PA studies from the University of Nebraska in 1997. Significant awards include Air Force Commendation medal, Air Force Achievement medal with oak leaf cluster, National Defense Service medal, and distinguished graduate USAF PA program 1991. He is certified by the NCCPA and registered in the state of Missouri to practice medicine as a Physician Assistant.
LTC William Johnson is currently the commander of the 7th Civil Support Detachment Weapons of Mass Destruction Unit. He has over 22 years of military service. Commissioned as a 2LT at age 19, he entered the army as an Infantry Officer. He has commanded at all levels from Platoon Leader to Battalion Commander. As an Officer he has had the opportunity to branch specialize in the Infantry, Military Police, Military Intelligence and also Chemical Corp.; currently serving in the Military Police Corp. As a young officer he has served overseas on a number of short tours in Asia, Europe, Middle East, Central and South America. His education is broad based and quite diverse. He is a graduate of the University of Missouri, Columbia College, and Lincoln University. He is a member of a number of local / national organizations and remains active within his community.