5TH ANNUAL OAK RIDGE REGIONAL EMERGENCY MANAGEMENT FORUM

Practical Applications in Emergency Response Saves
Lives!

SPONSORED BY:

U.S. DEPARTMENT OF ENERGY (DOE) AND TENNESSEE EMERGENCY MANAGEMENT AGENCY (TEMA)

HOSTED BY:
OAK RIDGE NATIONAL LABORATORY (ORNL)
AND UT/BATTELLE, LLC

Location:
Pollard Technology Conference Center

DATE/TIME:OCTOBER 27, 2005, 8:00 A.M. — 4:30 P.M.

FACILITY LAYOUT Main Entrance Connector Walkway Connector Lobby Room 226 MORTH (Drawing is not to scale) Lobby Dogwood Room Open Courtyard Iris Room Auditorium A/V Control Reem Mockingbird Room

WELCOME TO

2005 OAK RIDGE REGIONAL EMERGENCY MANAGEMENT FORUM POLLARD TECHNOLOGY CONFERENCE CENTER OCTOBER 27, 2005, 8:00 A.M. — 4:30 P.M.

AGENDA

<u>AGENDA</u>		
8:00 a.m.	Registration	
8:30 a.m.	Sponsor Welcome Gerald Boyd, Manager, Oak Ridge Office, DOE Major General James Bassham (Ret), Director, TEMA	
8:45 a.m.	Host Welcome Herb Debban, Director, Facilities and Operations, UT/Battelle, LLC.	
8:50 a.m.	Forum Moderator Donald Thress, Assistant Manager for Security and Emergency Management, DOE	
8:55 a.m.	South Carolina Train Derailment – Emergency Response Gurney Wiggins, Chief, Fire Department, Savannah River Site	
9:55 a.m.	15 Minute Break	
10:10 a.m.	South Carolina Train Derailment – Media Response Thom Berry, Director of Media Relations, State of South Carolina, Department of Health and Human Services	
11: <mark>10 a.m.</mark>	15 Minute Break	
11: <mark>25 a.m</mark> .	Community Disaster Preparedness & EMS Response Ronnie Patterson, CCEMT-P, Paramedic, REAC/TS; Training Officer, Region 2 EMS Director's Group	
11:55 a.m.	Instructions on Break Out Session Mark Pobinson, Lander Emergency Management Team, DOE	

Mark Robinson, Leader, Emergency Management Team, DOE

12:00–1:30 p.m. Networking/Display Session/Working Lunch

1:00—1:20 p.m. MERRTT Update, Dr. Dan Hoglund, Visionary Solutions, LLC, Program Coordinator, Transportation Emergency Preparedness Program, DOE Region 2 & Region 5

AFTERNOON BREAKOUT SESSIONS

1:30 – 2:25 p.m.	1 Session
Auditorium	Regional Homeland Security Undate Dewayne

Auditorium Regional Homeland Security Update, Dewayne Collins, Eastern Regional Coordinator, Tennessee

Department of Homeland Security

Dogwood Room Urban Search and Rescue: Roles and Responsibilities, Lt. Walter D. Idol, Heavy/Technical Rescue Team,

Knoxville Volunteer Emergency Rescue Squad, Inc.

Iris Room Tsunami Response in South Asia, Carol Garrison, Program Officer, Asia Pacific Region, International

Services, American Red Cross

Training Room 226 Volunteers Organization Active in Disasters (VOAD), Larry Triplett, Chairman, East Tennessee Regional

VOAD

AGENDA - CONTINUED

2:30 - 3:25 p.m. 2nd Session

Auditorium Terrorism Historically, Nick Fielder, Homeland Security Liaison/Emergency Services Coordinator,

Tennessee Department of Environment and Conservation

Dogwood Room Ham Radio Operations During an Emergency, Jeff Yawn, Anderson County Amateur Radio Emergency

Service Coordinator, Amateur Radio Emergency Service (ARES)

Iris Room Katrina/Rita Hurricanes Response, Roger Campbell, Volunteer Partner for the Sr. Vice President for

Preparedness and Response, American Red Cross

3:30-4:30 p.m. 3^{rd} Session

Auditorium Earthquake Hazards in East Tennessee, Jeff W. Munsey, P.G., Seismic Specialist, Tennessee Valley

Authority

Dogwood Room Taking Care of Business After We've Taken Care of Business: A New Choir Practice, Sam Bernard, PhD,

Disaster Psychology, Bernard and Associates, P.C.

Iris Room Wildland Fire Response in East Tennessee, Bruce Miller, Operations Sections Chief, Tennessee State

Forestry Division

Reminder: Please leave your completed survey at the reception desk in the lobby or with the instructor in the last breakout session before leaving.

BREAKOUT SESSION SUMMARIES

1:30 - 2:25 p.m.

VOLUNTEERS ORGANIZATION ACTIVE IN DISASTERS (VOAD)

- This presentation will discuss the purpose of VOAD and what role they play in preparing for disasters, responding to disasters, and recovering from disasters. How does VOAD fit in the local response plan?

REGIONAL HOMELAND SECURITY UPDATE

- This presentation will provide an update on the Tennessee Homeland Security at the regional level. How does this affect the local responders?

URBAN SEARCH AND RESCUE: ROLES AND RESPONSIBILITIES

This presentation will provide information on the roles and responsibilities in today's world of Urban Search and Rescue teams.

What it is and what it is not!

TSUNAMI RESPONSE IN SOUTH ASIA

- This presentation will discuss the response by the American Red Cross during the tsunami that hit South Asia in December 2004.

2:30 – 3:25 p.m.

KATRINA/RITA HURRICANES RESPONSE

- This presentation will provide information on the response efforts provided by the American Red Cross to the Katrina and Rita hurricanes. What went right and what went wrong!

TERRORISM HISTORICALLY

- This presentation will discuss the historical view points of terrorism from different perspectives. Find out about Nick's Law of Snakes (and Terrorists)!

HAM RADIO OPERATIONS DURING AN EMERGENCY

This presentation will discuss the use of amateur radios during emergencies and how they have been used during past events when other communications have failed.

3:30 – 4:30 p.m.

WILDLAND FIRE RESPONSE IN EAST TENNESSEE

- This presentation will provide information on wildland fires in East Tennessee and where to request help when the fire has grown beyond local resources.

EARTHQUAKE HAZARDS IN EAST TENNESSEE

- You may have heard about the New Madrid Fault line in West Tennessee, but did you know East Tennessee is on a major fault line? In this presentation you will find out about the earthquake hazards in your backyard.

TAKING CARE OF BUSINESS AFTER WE'VE TAKEN CARE OF BUSINESS: A NEW CHOIR PRACTICE

- This presentation will provide information about coping and recovery concepts for the emergency responder and the family. It is an interactive presentation and discussion of concepts and issues related to those who respond to emergency situations with an emphasis on individuals, groups and family perspectives.

WELCOME FROM THE SPONSORS AND FORUM MODERATOR

GERALD BOYD, MANAGER
DEPARTMENT OF ENERGY, OAK RIDGE OFFICE



MAJOR GENERAL JAMES BASSHAM (RET), DIRECTOR TENNESSEE EMERGENCY MANAGEMENT AGENCY



DONALD THRESS, ASSISTANT MANAGER FOR SECURITY AND EMERGENCY MANAGEMENT
DEPARTMENT OF ENERGY, OAK RIDGE OFFICE



HERB DEBBAN, DIRECTOR, FACILITIES AND OPERATIONS, UT/BATTELLE, LLC, OAK RIDGE NATIONAL LABORATORY





SOUTH CAROLINA TRAIN DERAILMENT — EMERGENCY RESPONSE GURNEY C. WIGGINS, Jr., CHIEF,



SAVANNAH RIVER SITE FIRE DEPARTMENT PHONE: (803) 725-3333, EMAIL: GURNEY.WIGGIONS@SRS.GOV

Mr. Wiggins has been in Emergency Services for over 30 years. He has been a Fire Chief for over 20 years. He served as Chief of the Volunteer Fire Department for over 12 years and has served as Chief of the Savannah River Site Fire Department since 1997. Mr. Wiggins has served the emergency response community in various capacities since 1975. He has been involved with two train derailments.

Mr. Wiggins also serves on Town Council for his local community as well as volunteer with the local high school since 1988. He has been serving as a volunteer for various groups since 1975 in the local community.

Working Together to Save Lives

Mr. Wiggins' presentation will relay the activities that took place starting January 6, 2005 through January 16, 2005 as a result of the derailment of two trains in Graniteville, S.C. He will attempt to provide facts about the activities that were taken to save thousands of lives as a result of one of the worst chlorine leaks in the history of the United States. The presentation will demonstrate how many local, state and federal agencies came together for a common cause under a Unified Command System.

SOUTH CAROLINA TRAIN DERAILMENT — MEDIA RESPONSE THOM BERRY, DIRECTOR OF MEDIA RELATIONS, STATE OF SOUTH CAROLINA, DEPARTMENT OF HEALTH AND HUMAN SERVICES PHONE: (803) 898-3885, EMAIL: BERRYTW@DHEC.SC.GOV



Thom Berry is director of the Division of Media Relations for the S.C. Department of Health and Environmental Control. Serving since 1983, he is charged with coordinating agency contacts with the news media. Trained as a hazmat technician, he is a member of the agency's hazardous materials and radiological emergency response teams.

During the Graniteville incident in January of this year, Thom coordinated the public information efforts and served as his agency's spokesperson during and after the event.

Prior to joining DHEC, he worked as a broadcast journalist for more than 17 years as a reporter, anchor and news director at the local and network levels.

Thom conducts in-service training in public speaking, news media relations, risk communication, interviewing techniques and coalition building for DHEC and other local, state and national organizations, conferences and agencies.

He is a member of the board of directors of the National Association of Government Communicators and the National Public Health Information Coalition. He is a former president of the NPHIC.

He has served on workgroups for the Federal Centers for Disease Control and Prevention, the University of Pittsburgh Center for Bioterrorism Preparedness and Georgetown University on topics including SARS, chemical terrorism and bioterrorism.

A commissioned law enforcement officer, Thom is a graduate of the S.C. Criminal Justice Academy and is certified as a Specific Skills Instructor.

South Carolina Train Derailment – Media Response

On the morning of Jan. 6, 2005, Norfolk Southern 192 crashed head on with a standing train on a siding in the Aiken County, S.C. community of Graniteville. The wreck and spill of chlorine from the train resulted in nine deaths, over 500 people seeking medical attention and the evacuation of more than 5,000 Graniteville residents for two weeks.

During this presentation, participants will hear from one of the coordinators of public information to the affected community. Along with audio and video from the event and media coverage, lessons learned and issues for emergency management personnel to consider in future events will be discussed.

COMMUNITY DISASTER PREPAREDNESS & EMS RESPONSE RONNIE PATTERSON, CCEMT-P, PARAMEDIC, REAC/TS; TRAINING OFFICER, REGION II EMS DIRECTOR'S GROUP EMAIL: PATTERSR@ORAU.GOV



Mr. Patterson has worked in the medical field since 1974; at the age of 15, he worked as an Orderly in a hospital in Etowah, Tennessee. He became a rescue squad member at that time and began advanced First Aid training. He worked throughout high school and began taking EMT (Emergency Medical Technician) classes at a community college in Athens, Tennessee prior to graduating from high school. Mr. Patterson began working for the Monroe County Ambulance Service in July 1977 as an EMT.

Mr. Patterson graduated as a paramedic from the State Technical Institute in Knoxville, Tennessee in May 1982, and immediately began working as a Paramedic and Shift Supervisor for East Tennessee Ambulance Service. He was a member of the Emergency Response Team during the 1982 World's Fair which was held in Knoxville, Tennessee.

In 1983, Mr. Patterson was chosen as a flight paramedic for the University of Tennessee Hospital Life Star program. (The helicopter crashed on the second day of operation, and he was grounded due to the size of the replacement helicopter.)

Mr. Patterson served for four years as the Operations Manager for the Knoxville location of Rural Metro Ambulance Corporation. He began teaching pre-hospital provider courses with Roane State Community College in 1994. He was appointed as an Instructor Coordinator and still remains in that position today as adjunct faculty. Mr. Patterson is qualified and experienced in instructing many disciplines of emergency care including Pre-Hospital Trauma Life Support, Basic Trauma Life Support, and Pediatric Life Support. He is an adjunct Faculty with the American Heart Association in Basic, Advanced, and Pediatric disciplines and was recently asked to accept a position as a National Faculty Member for the American Heart Association.

Mr. Patterson began working as the Knox County Emergency Medical Services Coordinator in June 1989 and held that position until March of this year. He served as the contract compliance officer and Community Coordinator of emergency responses in First Responder, emergency communication and hospital coordination.

Personal successes include being a critical care Paramedic completed through the University of Maryland, a member of the Board of Directors for the Knoxville Volunteer Emergency Rescue Squad, and Education Committee Chairman for the Knoxville Volunteer Emergency Rescue Squad. Past president with a six year term for the Tennessee Emergency Medical Services Educators Association and current Board Member. He was recently appointed as the Basic Life Support National Faculty for Tennessee American Heart Association for the 2006-2008 appointment.

Region II Emergency Medical Services Directors Association

- I. Region II Directors
- II. Available Resources in Region II
 - a. 16 Counties represented
 - b. 33 licensed services
 - c. * 29 ground ambulances
 - d. * 4 Air medical services

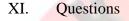
Mr. Patterson, Region II EMS - Continued

- III. Examples of responses:
 - a. Morgan County Tornados November 2002
 - b. Bus Accident in Loudon County 2002
 - c. September 3rd Evacuees from New Orleans flown to Knoxville area
 d. September 9th additional evacuees arrive

 - e. Multiple drills thru the region
- How is Region II activated? IV.
- What resources are needed:
 - a. Establish a command structure
 - b. Numbers of ambulances
 - c. Helicopter services
 - d. Notification to Fire, Rescue, Utilities, Law Enforcement, and other agencies
 - e. Hospital notifications
 - f. Maintain EMS coverage for all EMS request
- VI. Establish a command structure
 - a. Where will the arriving vehicles be positioned
 - b. Which person will do what role
 - i. Medical officer: Who do I care for first and who leaves the scene first
 - ii. Triage officers: Choose who has the greater chance of living or dying
 - iii. Staging officer: Where do I park all this equipment so the scene stays organized
 - iv. Transportation Officer: What hospital has the bed capacity and how many patients have I already taken to them
 - v. Supply Officer: Do I have enough moving devices to get all of these folks out of here
 - vi. Communication Officer: Who do I need to be talking to and who needs to stay informed
 - c. What radio frequencies will be utilized
 - i. UHF, VHF, 800mhz, 450mhz, cell phones
 - ii. TIN CAN and String, Runners
 - d. What information needs to be shared EARLY in the response
 - e. What equipment do you know is available and how long will it take to get to you
 - i. Disaster trailers and what's on them
 - ii. Helicopter limitations
- VII. Additional agencies needed
 - a. Is this a crime scene and who really is in charge of the scene?
- VIII. What has to happen
 - a. Working together
- IX. Communication with Hospitals
 - a. How many beds are available?
 - i. Critical vs. Non-Critical
 - b. Has the hospital been effected by the event?
 - i. Power outages/Water supply, personnel
 - c. How full was the Emergency Department before this event happened
 - d. Contaminated vs. non contaminated patients
 - e. Pediatric vs. Geriatric patients

Mr. Patterson, Region II EMS - Continued

- X. Calls will continue to come :::
 - a. What about the Heart attacks, Car accidents, Strokes, MAN DOWN, I have fallen and I can't get up calls.
 - b. Do you want an ambulance from three counties away trying to get to those calls or will you use them for the one disaster scene.
 - c. PRE-PLANNING is the answer.
 - d. GREAT COMMUNICATION before these events happen makes the difference.





MERRTT UPDATE

DR. DAN HOGLUND, PROGRAM COORDINATOR, TRANSPORTATION EMERGENCY PREPAREDNESS PROGRAM DOE REGION 2 & REGION 5, VISIONARY SOLUTIONS, LLC PHONE: (865) 482-8670, EMAIL: DHOGLUND@VS-LLC.COM



Dr. Hoglund is responsible for DOE's Region 2 & Region 5 Transportation Emergency Preparedness Program (TEPP), which encompasses 18 States, Puerto Rico, and the Virgin Islands. Dr. Hoglund works for Visionary Solutions and has been involved in DOE-ORO, DOE-Chicago, and DOE-HQ hazardous materials transportation training and emergency response preparedness since 1987.

Dr. Hoglund holds a doctorate in education from the University of Tennessee, Knoxville.

Changes in MERRTT

This presentation is on the Department of Energy's Modular Emergency Response Radiological Transportation Training (MERRTT) curriculum and administrative changes. It's called "2005 MERRTT." The curriculum was modified to reflect changes in the 2004 Emergency Response Guidebook, DOT regulations contained in 49 CFR, and feedback from end users.

Changes discussed will include:

- A new Central Operations Center that is to handle administrative tasks associated with the Transportation Emergency Management Program (TEPP)
- New instructional modules added to the curriculum
- Newly revised Hands-On Practical Exercises
- Continuing Education Hours
- National Student Data Base
- Endorsement from DHS
- OSHA curriculum approval

VOLUNTEERS ORGANIZATION ACTIVE IN DISASTERS (VOAD) LARRY L. TRIPLETT, SOUTHERN BAPTIST DISASTER RELIEF/CHAIRMAN, EAST TENNESSEE REGIONAL VOAD



PHONE: (865) 966-9002, EMAIL: TRIPLETTL@TDS.NET

Mr. Triplett graduated from the East TN State University with a Bachelors and Masters Degree in Biology and Chemistry. He retired from the Oak Ridge National Laboratory in 1999 after 33 years. He spent 25 years in research and the last 8 years as Environmental, Safety, and Health Officer for the Biology Division and the Life Sciences Division. Mr. Triplett became involved in disaster relief after Hurricane Andrew in 1992 and is currently the Training Coordinator for East TN for the Tennessee Baptist Convention/Southern Baptist Disaster Relief Program. Mr. Triplett is an Instructor for the American Red Cross and has served as the East TN Regional VOAD Chairman the last couple of years.

Program: National Voluntary Organizations Active in Disasters

- I. Purpose
- II. Organization
- III. Membership
- IV. What do we do between disasters?
- V. What do we do during disasters?
- VI. What do we do after a disaster?
- VII. Long Term Recovery Committee
- VIII. How can we help you, the local EMA's!
- IX. Discussion

REGIONAL HOMELAND SECURITY UPDATE

DEWAYNE COLLINS, EASTERN REGIONAL COORDINATOR, GOVERNORS OFFICE OF HOMELAND SECURITY





Dwayne Collins currently serves 34 counties in the State of Tennessee as the Eastern Regional Coordinator for the Governor's Office of Homeland Security, which has an office located in Morristown. Prior to Mr. Collins' assignment with the State of Tennessee, he served the City of Morristown as a police officer for seventeen years attaining the rank of Lieutenant. Mr. Collins served as Accreditation and Support Services Manager for the Office of Chief of Police. Previous to his last assignment, he supervised and directed the Morristown Police Department Training Division and commanded the Crisis Negotiation Team. He served earlier in his career as a member of the Morristown Police Department Special Response Team (SRT).

Mr. Collins has a background in Covert Drug and Vice Operations, which he served during his professional career with the Morristown Police Department. One of his extensive assignments was with the Third Judicial District Drug Task where he assisted Local, State, and Federal agencies in combating the war on drug related crimes in Hamblen, Hancock, Hawkins, and Greene Counties. Through the working efforts of other local, state, and federal agencies, his cases extended outside his assigned jurisdiction, which resulted in arrests throughout the southeastern United States.

Mr. Collins holds a Bachelor of Science degree in Organizational Management from Tusculum College and an Associate of Science degree in Public Safety from Walters State Community College.

Regional Homeland Security Update

- I. Comprehensive Pro-active Program
 - a. Governor's Program
 - b. Organization
 - c. Legislation
 - d. Training and Education
 - e. Exercises
 - f. Prevention and Protection (P2)
 - g. Industry and Infrastructure
 - h. Intelligence and Information Sharing
 - i. Technology Exploitation
 - i. Citizen Volunteers
 - k. Homeland Security Priorities
 - 1. Grants
 - m. Issues
 - n. The Way Ahead
- II. Governor's Strategic Intent
 - a. "Safety of all Tennesseans" most important responsibility of State Government
 - b. Must go beyond preparing for any tragedy...but be prepared for any disaster
 - c. Coordinate ALL Emergency Services & Investigative Agencies with a command goal of terrorism prevention

Mr. Collins, Regional Homeland Security Update - Continued

- d. Commitment to the highest level of protection
 - i. Coordination is the *Cornerstone*
 - ii. Communication must be Interoperable and Redundant
 - iii. Management must be Measured and Exercised
- e. Wisely use available funds to maximize capability
- III. Governor's Homeland Security Council
 - a. Governor's Cabinet
 - i. Deputy Governor
 - ii. Office of Homeland Security
 - iii. Safety
 - iv. Health
 - v. Environment & Conservation
 - vi. General Services
 - vii. Agriculture
 - viii. Finance and Administration
 - ix. Military
 - x. Transportation
 - xi. Commerce and Insurance
 - b. Local Representatives
 - i. Sheriff
 - ii. Police Chief
 - iii. Municipal Mayor
 - iv. Fire Chief
 - v. EMA
 - vi. County Mayor
 - c. Federal Agencies
 - i. JTTFs/FBI
 - ii. ATACs/US Attorney
 - d. State Agencies
 - i. TBI
 - ii. TEMA
 - iii. OIR CIO
 - iv. TN Attorney General
 - v. TWRA Law Enforcement
- IV. Training and Education
 - a. Emergency Service Education Program Concept
 - i. Senior Leader Training
 - ii. Career Level Training
 - iii. Basic Level Training
- V. Exercises
 - a. Homeland Security Exercise and Evaluation Program (TN HSEEP)
 - b. Innovative and Cooperative Approach using DHS & HHS Funds
 - c. Training designed to challenge law enforcement and emergency management while meeting HRSA, EMA and Other accreditation standards
 - d. Providing districts the capability to draw from "lessons learned" and refocus training on challenges faced during the previous exercises

Mr. Collins, Regional Homeland Security Update - Continued

- e. Current Scheduling Status
 - i. District 1
 - 1. CTTX 11/28/05
 - 2. LETTX 4/27/05
 - 3. FSE 8/22/05
 - ii. District 2
 - 1. CTTX 5/18/05
 - 2. LETTX 1/18/06
 - 3. FSE 10/14/06
 - iii. District 3
 - 1. CTTX 4/25/05
 - 2. LETTX 5/13/05
 - 3. FSE 9/06
- VI. Prevention/Protection (P2)
 - a. BOLO Books/Operation Tripwire
 - b. BOLO "Be On the Look Out" Books
 - i. State Publication for law enforcement only
 - ii. OSH effort to release LES/FOUO information to assist all officers at the ground level
 - c. Operation Tripwire
 - i. Statewide Law Enforcement Effort
 - ii. OHS effort to assist the FBI in contacting "all" personal storage container facilities reference support to terrorism
 - d. Buffer Zone Protection Plans (BZPPs) Tennessee's Approach
 - i. Oversight by Governor's Office of Homeland Security
 - ii. Regional Security in Depth
 - iii. Facility Review and Concurrence
 - iv. Quality Control
 - v. Distribution of Report
- VII. Industry and Infrastructure
 - a. InfraGard Advisory Council to the Office of Homeland Security:

"Bridging the Gap Between the Public and Private Sector in Tennessee"

- i. Information Sharing with the Private Sector
- ii. Focused on Critical Infrastructure
- iii. Representation from across Tennessee
- iv. First program in the Nation of its kind
- VIII. Intelligence and Information Sharing
 - a. Local Law Enforcement (State and Local)
 - b. State Agencies, Departments and Universities
 - c. Federal Agencies, Departments and Law Enforcement
 - d. Local Agencies
 - i. Citizens
 - ii. Emergency Management
 - iii. Industry Security
 - iv. Non-Government Agencies

Mr. Collins, Regional Homeland Security Update - Continued

- IX. Technology Pilot Programs
 - a. Tennessee was selected as one of six states to conduct fielding of the HSIN to the State and Local Level
 - b. Provides the capability of increasing the communication of law enforcement throughout the state
 - i. Reporting
 - ii. Analysis
 - iii. Mapping and Imagery
- X. Regional Technology Integration Initiative –Safe Cities
 - a. A full partnership with Memphis Urban Area that identified capabilities and needs
 - b. ORNL-led Team conducted the Preparedness Assessment
 - c. Technology solutions and sustainable implementation strategy developed
- XI. Tennessee Technology Exploitation
 - a. Through partnership with Tennessee's Resources and Industry
 - i. SENSOR NET (Memphis, Nashville, Oak Ridge, Ft. Bragg, Washington, D.C., and New York City)
- XII. Citizen Volunteers
 - a. Counties with...
 - i. Neighborhood Watch
 - ii. NW & VIPS
 - iii. NW, CERT, & VIPS
 - iv. CERT
 - v. NW & CERT
 - vi. NW, CERT, VIPS, & MRC

XIII. Grant Program

- a. Congressional District Overview: 1999-2005 = \$142,296,943
- b. District + Byrne + Health = \$249,719,557
 - i. District 1: \$16,372,592
 - ii. District 2: \$11,889,223
 - iii. District 3: \$16,514,523
- XIV. FY05 Grant Program
 - a. State Homeland Security Program \$20,585,357
 - b. Law Enforcement Terrorism Prevention Program (allocated to districts) \$7,485,584
 - c. Citizen Corps Program \$261,331 (to be allocated by Governor's Citizen Corps Committee)
 - d. Urban Area Security Initiative Grant Program (Memphis area) \$0
 - e. Emergency Management Performance Grant Program \$3,362,684 (TEMA will continue to manage)
 - f. Metropolitan Medical Response System Program \$910,386 (Memphis, Nashville, Knoxville, Chattanooga only cities eligible coordinating with TDH)
 - g. 46% Reduction from FY 2004*
- XV. Tennessee Homeland Security Priorities (2005)
 - a. Interoperable Communications
 - b. Training and Exercises
 - c. Information Sharing and Intelligence

Mr. Collins, Regional Homeland Security Update - Continued XVI. Tennessee Homeland Security "The Way Ahead" a. Regional OPLANS b. Education and Training c. Exercises d. Pattern and Trend Analysis e. Play Books f. Critical Infrastructure Protection g. Reinforce Success XVII. Issues a. DHS: i. Organization ii. Training iii. Personnel iv. Conference Calls b. Grants: i. Hiring People ii. Urban Area Security iii. Grant Notification/Timelines iv. FY 06 Grants

Urban Search and Rescue: Roles and Responsibilities Lt. Walter D. Idol, MS/NREMTP, Heavy/Technical Rescue Team, Knoxville Volunteer Emergency Rescue Squad, Inc.



PHONE: (865) 547-4824, EMAIL: WALTER.IDOL@TENNESSEE.EDU

Mr. Idol is a Safety/Emergency Response Consultant at the University of Tennessee, Center for Industrial Services. He is also a Lieutenant for the Heavy/Technical Rescue Team, Knoxville Volunteer Rescue Squad where he has been a member since 1975. Mr. Idol holds a Bachelors degree in Forestry and a Master of Science degree from the University of Tennessee. Awards received include Xi Sigma Pi National Honor Fraternity and the Jefferson Award: American Institute for Public Service. He is licensed as an EMT-Paramedic, National Registry of Emergency Medical Technicians and Tennessee and Kentucky EMS Boards.

Mr. Idol is trained as a BTLS: Basic/Advanced Instructor, PHTLS Instructor, ACLS Instructor, and BTLS Access Instructor. He is also an instructor for Farmedic National Faculty, Rescue Systems 1, Rescue Systems 2, Trench Collapse Rescue, Confined Space Rescue, Hospital Decon, and Vehicle Rescue/Extrication. He holds certifications as a PALS Provider and Hazardous Materials Technician.

Mr. Idol was a Chapter Editor for multiple EMS/Rescue texts, articles in multiple EMS/Rescue trade publications, and a Content Reviewer for First Due Video Training Series.

Urban Search and Rescue: Roles and Capabilities

- Part 1: Urban Search and Rescue in the Modern World What it is, what its not!
- Part 2: Typology: Types of Urban Search and Rescue
- Part 3: USAR Capabilities/Responsibilities
- Part 4: Preparing to "Host" a Team at Your Incident Site and Logistics requirements

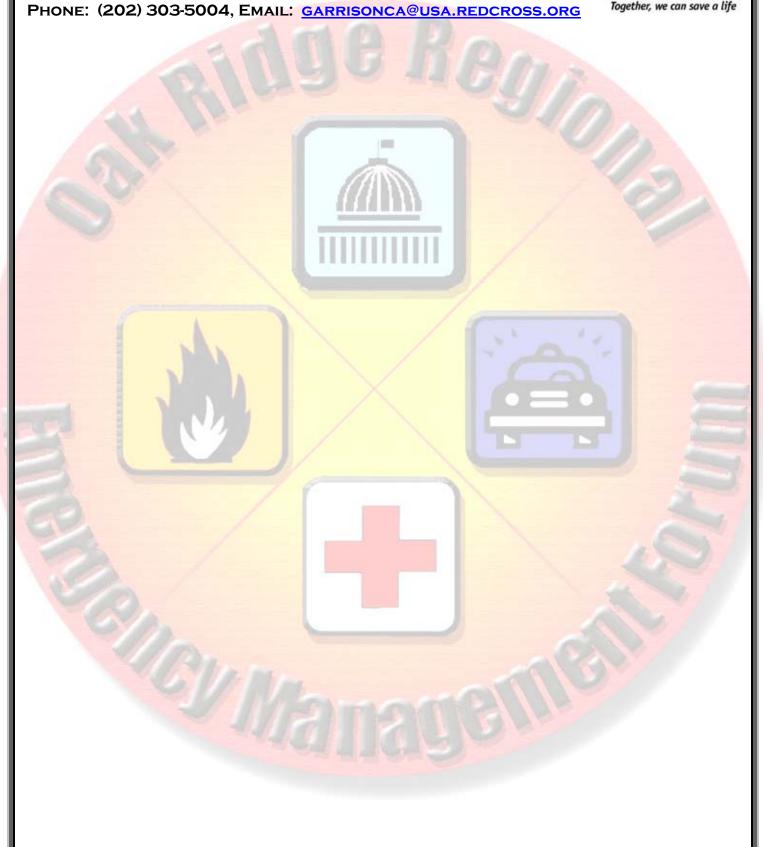
Questions

TSUNAMI RESPONSE IN SOUTH ASIA

CAROL GARRISON, PROGRAM OFFICER, ASIA PACIFIC REGION, INTERNATIONAL SERVICES, AMERICAN RED CROSS



Together, we can save a life



KATRINA/RITA HURRICANES RESPONSE

ROGER CAMPBELL, VOLUNTEER PARTNER FOR THE SR. VICE PRESIDENT FOR PREPAREDNESS AND RESPONSE,
AMERICAN RED CROSS



Together, we can save a life

PHONE: (865) 414-2959, EMAIL: RDCAMPBE@CI.MARYVILLE.TN.US



TERRORISM HISTORICALLY

NICK FIELDER, HOMELAND SECURITY LIAISON/EMERGENCY SERVICES COORDINATOR.



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION PHONE: (615) 741-1588, EXT. 13, EMAIL: NICK.FIELDER@STATE.TN.US

Nick Fielder is the TDEC director of homeland security and emergency preparedness. Some of you may know him as the State Archaeologist and director of the TDEC Division of Archaeology, but Nick has a very diverse background that is well suited to his position.

Nick is a 1960 graduate of Oak Ridge High School and is trained as a Metallurgical Engineer specializing in failure analysis. He worked at NASA in Huntsville and with the Boeing Airplane Co. in Seattle in the late 1960s investigating airplane crashes. With his later anthropology degrees from UT and University of Idaho, he also has an appreciation of the history and nature of the world-wide terrorist threats against our country.

Nick serves as Commissioner Fyke's deputy on the Tennessee Homeland Security Council and is also TDEC's lead emergency services coordinator with TEMA.

History Of Homeland Security & Terrorism--Who, What and Why

- I. Most Decisions Based on Combination of:
 - a. Economics--Allocation Of Scarce Resources
 - b. Self Interest
 - c. Fear
 - d. Greed
 - e. Ego
 - f. Beliefs (I Know I am Right Because...)
- II. Historical Perspective (Past mass casualties or what would CNN have done with these?)
 - a. U.S. Civil War--620,000 Dead (1864)--34,700 At Chatt In 2 Days
 - b. Spanish Flu 1918--675,000 Dead U.S.--20 Million Dead World
 - c. Hiroshima--Aug 6, 1945--100,000 Dead
- III. Who Is A Terrorist?
 - a. Depends Which Side You Are On
 - b. Terrorist
 - c. Rebel
 - d. Insurgent
 - e. Freedom Fighter
- IV. Popular Native American Poster
- V. A Terrorist!
- VI. From Their Perspective
- VII. Motive, Opportunity, & Means
 - a. They always have the ball and we are always on defense. We have to be perfect or they will score.
- VIII. Motives & Objectives
 - a. Hatred Religious And Other
 - b. Revenge For Past Actions
 - c. Go Home
 - d. Instill Fear
 - e. Cause Economic Disruption

Mr. Fielder, History of Homeland Security and Terrorism - Continued

- IX. Mecca
- X. Iraqi Oil
- XI. Ethnic Iraq
- XII. Oklahoma City
 - a. Revenge For Waco
- XIII. WTC 9-11-2001
 - a. All Of The Above
- XIV. Opportunity
 - a. Official Consensus: It Will Happen Again
 - b. Limited Only By Their Imagination & Skills
 - c. They Exploit Weaknesses Of An Open Society
 - d. They Take Advantage Of New Technology (Cell Phone Detonators-- Info On Internet)
 - e. From Google: Y-12 Nuclear Plant Map
 - f. Google: Y-12 Aerial
- XV. Means--Chemical, Biological, Radiological, Nuclear, Explosive
 - a. Vulnerable Sectors
 - b. Hazardous Chemical Transport
 - c. Anthrax Attack 2001
 - d. Dirty Bomb
 - e. Radioactive Smuggling
 - f. Nuclear Weapon
 - g. Made In Tennessee 1945
 - h. 150KT Bomb T+10sec 500,000 Dead
 - i. Pipe Bombs
 - i. Suicide Vest
 - k. Steal A Propane Tanker
 - 1. 2.7 Million Hazmat Drivers
- XVI. Detect Deter Disrupt
 - a. "Operation Bold Tiger"
 - b. Intel
 - c. BOLO (Be On The Lookout)
 - d. Just Plain Luck
 - e. But must have ability to respond to incidents that will happen
- XVII. Prevention (long term)
 - a. Minimize Incentives To Attack
 - b. Decrease Dependance On Mid East Oil
 - c. Geo-Politics Based On Social, Cultural & Economic Reality
 - d. Limit Nuclear Proliferation
- XVIII. Iran China India Oil Deal
- XIX. Russia-Iran Nuclear Fuel Deal Mar 2005
- XX. Nick's Law Of Snakes (And Terrorists)
 - a. Avoid them or kill them if you have to but don't do stupid things just to see how they will react
- XXI. A Violation of Nick's Law of Snakes

HAM RADIO OPERATIONS DURING AN EMERGENCY JEFF YAWN, ANDERSON COUNTY AMATEUR RADIO EMERGENCY SERVICE COORDINATOR



AMATEUR RADIO EMERGENCY SERVICE (ARES)

PHONE: (865) 567-2577, EMAIL: JJYAWN@COMCAST.NET

Anderson County Amateur Radio Emergency Service Coordinator Jeff Yawn has been involved in Amateur Radio since 1997. He holds an "Amateur Extra" Class license, the highest Amateur license issued by the Federal Communications Commission. Beginning as just a hobby he decided to devote much of his free time to emergency communications. He has been active in several disasters, including the Morgan County Tornado in November 2002, Sodium Fire at East Tennessee Technology Park on May 8th and 9th 2004, Hurricanes Charlie, Francis, Ivan and Jeanne during the summer of 2004 and Hurricanes Katrina and Rita of this year. Jeff is an avid Skywarn Severe Weather Spotter for the National Weather Service. He has also received letters of Appreciation from the Appalachian Chapter of the American Red Cross located in Oak Ridge TN for his "Outstanding efforts to build and maintain an emergency communications organization in Anderson County".

Amateur Radio During Emergencies

- 1. What is Amateur Radio
 - A. Basic introduction
 - B. Founding principals
 - C. Regulation
- 2. History of Amateur Radio during emergencies
 - A. Sinking of the RMS Titanic
 - B. Terrorist attacks on the World Trade Center
 - C. Tornado, Morgan County TN
 - D. Hurricane Katrina, Florida Keys and Gulf Coast Region
- 3. Organizational structure
 - A. National
 - B. Regional
 - C. State
 - D. Local
- 4. Training
 - A. ARRL Emergency Communications Course
 - B. Incident Command / National Incident Management System
 - C. SKYWARN / Severe Weather Spotting
 - D. FEMA / Emergency Management Institute
- 5. Operations
 - A. Voice
 - B. Digital
 - 1. VHF Packet
 - 2. HF PSK
 - 3. Morse Code
 - C. Winlink 2000
- 6. Question and Answer Period

WILDLAND FIRE RESPONSE IN EAST TENNESSEE BRUCE MILLER, OPERATIONS SECTIONS CHIEF, TENNESSEE STATE FORESTRY DIVISION



PHONE: (865) 494-9434, EMAIL: BMRMILLER@COMCAST.NET

Mr. Miller has served for 23 years with the State of Tennessee Division of Forestry. He has been involved in over 3,000 wildland fires including the 1985 Black Hills fire in South Dakota (22,000 acres), 1991 Foothill fire in Idaho (130,000 acres), 1997 Mims fire in Florida (47,000 acres), 1998 Fire Gorge fire in Wyoming (45,000 acres), 2000 Pony fire in Colorado (48,000 acres), 2002 Hayman fire in Colorado (300,000 acres), 2002 Biscuit fire in Oregon (400,000 acres), 2003 Gramm fire in Wyoming (1,000 acres), and 2003 Fish Creek fire in Montana (48,000 acres). Additionally, Mr. Miller was involved in the relief efforts of hurricanes Katrina and Rita for 15,000 people.

Mr. Miller has fought fires in all fuel models except Alaskan Tundra. These include fires from Washington to Florida and Texas to Montana. He is trained to the Incident Command System level of Incident Commander Type 3 and is an Instructor to Division Supervisor level. He has been an alternate Division Supervisor on two Type 2 National Incident Management Teams and one Type 1 National team. Mr. Miller has worked on Multiagency incident management teams on various large fires in the Western U.S.



EARTHQUAKE HAZARDS IN EAST TENNESSEE

JEFFREY W. MUNSEY, P.G., SEISMIC SPECIALIST, RIVER OPERATIONS/DAM SAFETY, TENNESSEE VALLEY AUTHORITY PHONE: (865) 632-4777, EMAIL: JWMUNSEY@TVA.GOV

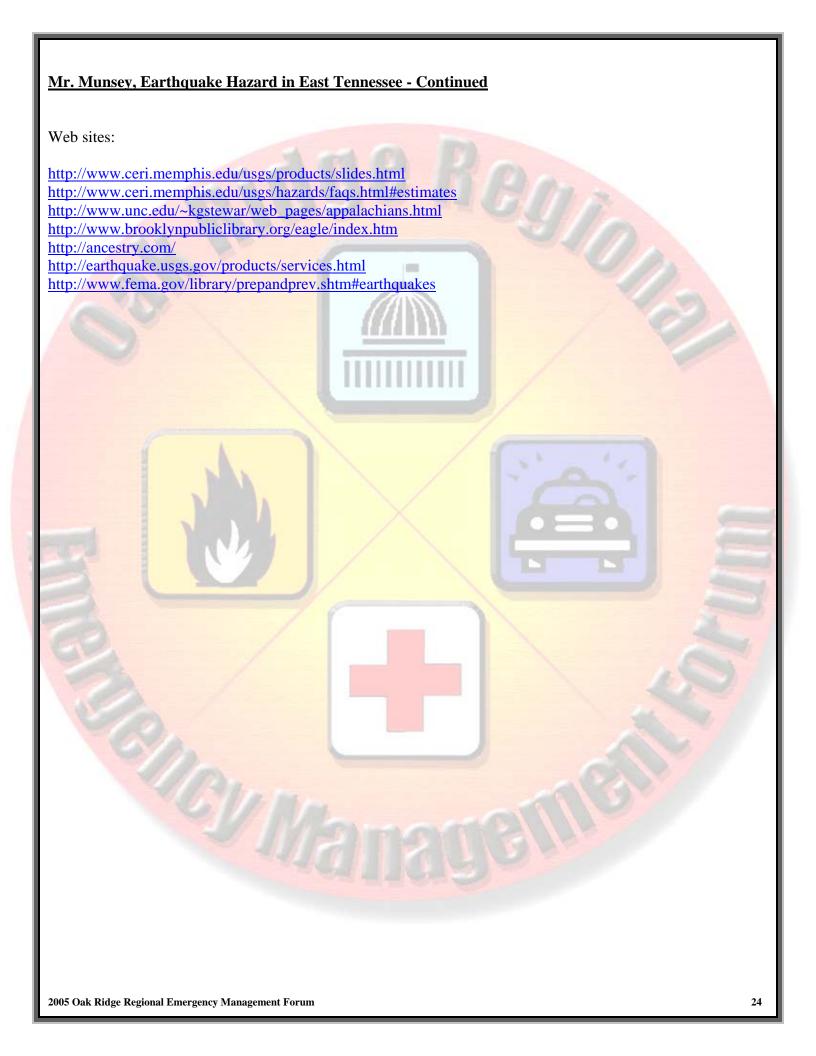


Mr. Munsey has over 20 years of experience in engineering seismology and geophysics. He has developed seismic design requirements for nuclear plants, dams and other electric generating facilities, and he has managed TVA Seismic Safety program. Areas of specialization include seismic monitoring systems, development of earthquake ground motions for engineering design, and performing seismic hazard assessments. Develop emergency action plans for dam safety and design exercises to test emergency action plans.

Mr. Munsey has worked for the Tennessee Valley Authority since 1987 as a Geologist/Geophysicist, Project Manager, and Civil Engineer. Mr. Munsey directs projects to monitor earthquake ground motions at major facilities such as dams and remote locations; processes and interprets data acquired by geophysical monitoring surveys; provides seismic design input for dams and nuclear plants; and directs the implementation of TVA's Seismic Safety program. He also develops and critiques emergency action plans for dams and conducts training on the use of these plans. Mr. Munsey has a M.S., Geophysics from the Virginia Polytechnic Institute & State University (VPI&SU), Blacksburg, Virginia, and a B.S., with Honors and Magna Cum Laude, Geophysics, VPI&SU. He is a registered Professional Geologist, State of Tennessee (#TN1446).

Earthquake Hazard in East Tennessee

- I. Impact of New Madrid Earthquakes on East Tennessee
 - a. New Madrid Seismic Zone overview
 - b. How often do large earthquakes occur?
 - c. What is the probability of New Madrid earthquakes?
 - d. Why are New Madrid earthquakes important to East Tennessee?
- II. Earthquakes in East Tennessee and the Southern Appalachians
 - a. Overview
 - b. Faulting types
 - c. Western North Carolina geologic lineaments
- III. Updating the record of historic earthquakes
 - a. Methods
 - b. Conclusions
- IV. Earthquake effects specific to East Tennessee
 - a. Water Supply
 - b. Unreinforced masonry buildings
 - c. Landslides
 - d. Switchyard and substation electrical relays
 - e. Communications
- V. Earthquake notifications
 - a. TVA use for Dam Safety
 - b. Local emergency management



TAKING CARE OF BUSINESS AFTER WE'VE TAKEN CARE OF BUSINESS: A NEW CHOIR PRACTICE

SAM BERNARD, PhD, DISASTER PSYCHOLOGY, BERNARD AND ASSOCIATES, P.C. PHONE: (423) 322-3297, EMAIL: SAMBERNARD@COMCAST.NET

WEBSITE: <u>WWW.SAMBERNARD.INFO</u>

Sam D. Bernard, Ph.D. is President of Bernard & Associates, P.C. a Chattanooga based firm specializing in Disaster Psychology and Crisis Response. He is a licensed Senior Psychological Examiner – Health Service Provider in Tennessee, National Certified Counselor, National Certified Psychologist & Certified Traumatologist. Providing a range of consultation, coordination, education and direct service work, he is nationally known for professionalism with a sense of urgency. He is an instructor with the American Red Cross Disaster Mental Health Services; the International Critical Incident Stress Foundation in Basic Group, Peer/Individual, School, and Pastoral CISM; the American Academy of Experts in Traumatic Stress in Comprehensive Acute Traumatic Stress Management, School, and University. He is Board Certified in Homeland Security – Crisis Intervention through ACFEI. He has been a responder to New York's lower Manhattan for 3 weeks during 9-11; consultant to GA Emergency Management during the Tri-State Crematory event for two months, Deputy Incident Commander for the Florida State University based Green Cross Projects response to the 2005 Tsunami and US Hurricanes Katrina & Rita, the Tennga Bus-Train accident and various local emergency events. He is a nationally recognized speaker and trainer. Sam is survivor of an aviation incident in Karachi, Pakistan while serving as a People-To-People High School Ambassador in 1981. He is a pilot and a native of Kingsport, TN and makes his home in Chattanooga with his dog "Buddy" who is a registered pet therapist.

Taking Care of Business After We've Taken Care of Business: A New Choir Practice

Coping & Recovery Concepts for the Emergency Responder & the Family

An interactive presentation and discussion of concepts and issues related to those who respond to emergency situations with an emphasis on individuals, groups and family perspectives.

Goals:

- 1. To present an overview of emergency responder personality traits.
- 2. To provide discussion of emergency event caused reactions and what can be learned from them.
- 3. To consider effects on the family of the emergency responder for both short and long-term jobs.
- 4. To provide resource capable of mitigating the effects of emergency event reactions.
- 5. To consider various "Lessons Learned-from our predecessors".
- 6. To come together to learn, fellowship, while learning new and reviewing old skills and theories to facilitate innovative services to our communities and ourselves.

Objectives:

At the end of this presentation, participants will be able to:

- 1. Understand how their personality traits make them good at what they do as well as put them at risk.
- 2. Know basic reactions to emergency events in the emergency responder,
- 3. Acknowledge issues from their family's perspective,
- 4. Review resources available to assist in keeping them working at what they love,
- 5. Hear words of wisdom from those who have served before us.

Dr. Bernard, Taking Care of Business After We've Taken Care of Business - Continued

Resources:

SAMHSA

http://www.wcikatrinahelp.com/index.htm

Research Education Disaster Mental Health http://www.redmh.org

National Organization for Victim Assistance http://www.trynova.org

National Association for Alcohol and Drug Addiction Counselors http://naadac.org/

International Society for Traumatic Stress Studies www.istss.org

United States Uniformed Health Services University www.usuhs.mil/psy/psy.html

Centers for Disease Control and Prevention http://www.bt.cdc.gov/disasters/hurricanes/

Association of Traumatic Stress Specialists http://www.atss.info/

American Psychiatric Association – Disaster Psychiatry http://www.psych.org/disasterpsych

United States Department of Health & Human Services http://www.hhs.gov/emergency/index.shtml

Federal Emergency Management Agency http://www.fema.gov/

The Sidran Institute www.sidran.org

Traumatology Institute
http://mailer.fsu.edu/%7Ecfigley/TraumatologyInstitute

National Voluntary Organizations Active in Disaster www.nvoad.org

The American College of Forensic Examiners http://www.acfei.com

Dr. Bernard, Taking Care of Business After We've Taken Care of Business - Continued

Resources – continued

The International Critical Incident Stress Foundation www.icisf.org

American Academy of Experts in Traumatic Stress http://www.aaets.org/

American Red Cross www.redcross.org

American Counseling Association www.counseling.org

American Psychological Association www.apa.org

The National Center for PTSD http://www.ncptsd.va.gov/

American Foundation for Suicide Prevention http://www.afsp.org

National Institute of Mental Health www.nimh.nih.gov





THANK YOU!!!

The following organizations provided exhibits and displays:

- > 45th Civil Support Team
- > American Red Cross
- BWXT Y-12
- City of Knoxville Police Department
- Department of Energy, Oak Ridge Office
- ➤ Knox County Sheriff's Office-Hazardous Devices Unit
- Knoxville Volunteer Emergency Rescue Squad, Inc.
- ➤ Oak Ridge Associated Universities/Oak Ridge Institute for Science and Education
- > REAC/TS
- ➤ Roane County Emergency Management Agency
- ➤ State of Tennessee Forestry Division
- ➤ Tennessee Emergency Management Agency
- > Tennessee State Guard
- U.S. Coast Guard, National Strike Force Coordination Center
- ➤ UT/Battelle, LLC/Oak Ridge National Laboratory
- ➤ Visionary Solutions, Inc./MERRTT/TEPP

A big "Thank You!" goes out to the Tennessee State Guard for providing the security for the exhibit area again this year.