



EMI SIG 2012 Annual Meeting Agenda



Sunday, May 13, 2012

7:00 pm–8:00 pm	EMI SIG Steering Committee Meeting	Executive Conference Room (Fourth Floor)
6:00 pm–7:00 pm	Registration	Courtyard Ballroom Foyer (B Level)
6:00 pm–7:00 pm	TRADEing Post Setup	Courtyard Ballroom Foyer (B Level)
7:30 pm–9:00 pm	SCAPA Consequence Assessment Modeling Working Group Meeting	South Room (Third Floor)

Monday, May 14, 2012

7:00 am–6:00 pm	TRADEing Post Setup	Courtyard Ballroom Foyer (B Level)
7:00 am–6:00 pm	Registration	Courtyard Ballroom Foyer (B Level)
7:00 am–8:00 am	Continental Breakfast	Courtyard Ballroom Foyer (B Level)
7:00 am–5:30 pm	FFRWG Meeting	West Room (Third Floor)
7:30 am–10:15 am	HASC Meeting	Salon A
7:30 am–10:30 am	DMCC Meeting	Salon B
8:00 am–12:00 pm	Training Subcommittee Meeting	South (Third Floor)
8:00 am–2:00 pm	Ex-Drill Subcommittee Workshop	Salon C
8:00 am–5:00 pm	COOPSC Meeting	East Room (Third Floor)
10:30 am–12:00 pm	DMCC/SCAPA/HASC Joint Session	Salon A
11:00 am–12:30 pm	EMAC – Feds Only	Salon B
12:30 pm –4:30 pm	EPI Subcommittee Workshop	North Room (Third Floor)
12:30 pm–4:30 pm	TECHWG Meeting	Salon B
1:15 pm–5:20 pm	SCAPA Meeting	Salon A
2:15pm–5:00 pm	<u>Benchmarking–Facility Preparedness Programs: Nuclear and Nonnuclear Programs</u> Presenter: Dave Stuhan, NNSS	South Room (Third Floor)
4:30 pm–5:30 pm	<u>Failure Is An Option: 10 Lessons to Inoculate Leaders from Future Misfortune</u> Presenter: Phillip Van Saun, University of California	Salon C
5:30 pm–8:00 pm	Dinner Meeting (Agenda attached)	Maxwells (Second Floor)

Tuesday, May 15, 2012

7:00 am–5:00 pm	TRADEing Post	Courtyard Ballroom Foyer (B Level)
7:00 am–5:00 pm	Registration	Courtyard Ballroom Foyer (B Level)
7:00 am–8:00 am	Continental Breakfast	Courtyard Ballroom Foyer (B Level)
7:00 am–8:00 am	SCAPA Source Term Working Group Meeting	Salon A
7:00 am–8:00 am	FFRWG Meeting	Salon B
8:00 am–11:30 am	<p>Opening Session</p> <p>Moderator: Davey Matthews, NNSS</p> <p>Host Remarks David G. Ruscitto, Chief Operations Officer Mission Support Alliance</p> <p>Welcome/Opening Remarks Admiral Joseph Krol, Associate Administrator, DOE Office of Emergency Operations (NA-40)</p> <p>Keynote Speaker Doug Crandall, President Blue Rudder Leadership</p> <p>Topic: Leadership in Emergency Management</p> <p>BREAK– Courtyard Ballroom Foyer</p> <p>Featured Speaker Charles LaSalla, Fire Chief, Brookhaven National Laboratory (BNL)</p> <p>Topic: BNL Response to April 2012 Wildland Fire</p> <p>DOE Headquarters Update</p> <p>Jennifer MacDonald, Director, DOE Office of Sustainability Performance (EE-2N)</p> <p>Jim Fairbent, Director, DOE Office of Emergency Management (NA-41)</p>	
11:30 am–1:00 pm	LUNCH BREAK	
11:45 am–1:00 pm	NARAC/HotSpot Users' Group Meeting	Salon A
11:45 am–12:45 pm	Environmental Management Emergency Management Coordinators	Salon B
11:30 am–1:00pm	<p><u>2011 Urban Shield Exercise – Emergency Management Leadership through a “Field” Exercise in Rapid Emergency Decision-Making</u></p> <p>Presenters: Reed Hodgkin, AlphaTRAC, and Rocky Saunders, LBNL</p>	North

Tuesday, May 15, 2012 (continued)

1:00 pm–2:30 pm		Plenary Session		Courtyard Ballroom (Second Floor)	
		Moderator: Davey Matthews, NNSS			
		Topic: DOE/NNSA Severe Event Response Programs–Impact of Fukushima Nuclear Accident			
		David Freshwater, Bill Froh, Bill Hawkins, Steve Lockett, Jim Powers, NA-41			
2:30 pm–3:00 pm		BREAK		Courtyard Ballroom Foyer (B Level)	
3:00 pm–4:30 pm		Concurrent Sessions			
Session 1A Leadership		Session 1B Technology		Session 1C COOP	
Moderator: Dan Connell		Moderator: Rocky Saunders		Moderator: Michael Knazovich	
Courtyard Ballroom		Salon C		Salon B	
				Session 1D Training	
				Moderator: Jim Colson	
				Salon A	
		Leading the Way in Exercising: Get into Shape with Social Media		The Big Chill: Ensuring Infrastructure Capabilities	
		Presenter: Holly Hardin, ORISE		Presenter: Diana de la Rosa, SNL	
				How the Emergency Operations Training Academy (EOTA) Can Enhance Your Training	
				Presenters: Elizabeth Sousa, EOTA	
Leadership,, Power, and Influence					
Presenter: Matt Kincaid, Blue Rudder Leadership					
		Using Internal Websites as ERO Communication Tools		Use of Virtualization in Emergency Preparedness	
		Presenter: Jillian Konst, NSTec		Presenter: David Howard, LANL	
				Integrating COOP Accountability with Emergency Management and Business Continuity	
				Presenters: Jeff Morrison, NSTec	
				Snake Management and Relocation Training	
				Presenters: Bob Burger and Dennis Cavalier, SNL	
5:00 pm–6:00 pm		SCAPA Chemical Exposure and Chemical Mixture Working Groups Meeting		Salon A	
6:30 pm–8:30 pm		Annual SCAPA Dinner		Offsite	

Wednesday, May 16, 2012

7:00 am–5:00 pm		TRADEing Post		Courtyard Ballroom Foyer (B Level)
7:00 am–5:00 pm		Registration		Courtyard Ballroom Foyer (B Level)
7:00 am–8:00 am		Continental Breakfast		Courtyard Ballroom Foyer (B Level)
7:00 am–8:00 am		Special Meeting/Working Group		Salon B
7:00 am–8:00 am		SCAPA Biosafety Working Group Meeting		Salon A
8:00 am–9:30 am Concurrent Sessions				
<p>Session 2A Communications</p> <p>Moderator: Melanie Lepard</p> <p>Courtyard Ballroom</p>	<p>Session 2B Categorization and Classification</p> <p>Moderator: Rocky Saunders</p> <p>Salon C</p>	<p>Session 2C Emergency Response</p> <p>Moderator: Michael Knazovich</p> <p>Salon B</p>	<p>Session 2D Training</p> <p>Moderator: Jim Colson</p> <p>Salon A</p>	
<p>Who is the HQ EMT and Why Are They Bothering Me During My Emergency?</p> <p>Presenters: David Freshwater and Bill Hawkins, NA 41; Joe Stambaugh, NA-44</p>	<p>So Who Called this an Operational Emergency? Creating a Categorization & Classification Authority Position at LLNL</p> <p>Presenters: John Richards and Patty Billy, LLNL</p>	<p>Preparing for the Next Big Fire...and Getting It: The Las Conchas Fire and Los Alamos National Laboratory</p> <p>Presenters: Bill Gentile, DOE Los Alamos Site Office Brenda Andersen; Deputy Chief Justin Grider, LANL</p>		
<p>What Does the HQ Watch Office Do to Help?</p> <p>Presenters: Joe Stambaugh, NA-44; David Freshwater and Bill Hawkins, NA-41</p>	<p>Developing Emergency Action Levels: "That was [NOT] Easy!"</p> <p>Presenters: Thom Kerr and Michelle Wolfgram, ORNL</p>			<p>Crisis Decision-Making—The Key to Success in Emergencies: A Live-Action Simulated Exercise</p> <p>Presenters: Reed Hodgkin, Meredith O'Brien, and Dr. An Oskarsson, AlphaTRAC</p>
<p>What We've Got Here is ...Failure to Communicate!</p> <p>Presenter: Steven Faulk, MSA</p>	<p>Additional Uses of the Rapid Response Tool for Planning, Preparedness, Response and Recovery/Reentry.</p> <p>Presenters: William F. Purtymun and Rachel S. Hixon, LANL</p>	<p>Weston-Timber and Gritty Gulch Fires of 2011</p> <p>Presenter: Lani Fellows, NSTec</p>		
<p>You Can't Say That: Coordination of Consequence Assessment Information with State Officials for Scenarios Containing Sensitive or Classified Information</p> <p>Presenter: Chuck Rives, Pantex</p>	<p>Use of GIS in Emergency Response, (iCRAM: I Can Read A Map!) (LA-UR 11-06806)</p> <p>Presenters: William F. Purtymun and Rachel S. Hixon, LANL</p>			

Wednesday, May 16, 2012 (continued)

9:30 am–10:00 am		BREAK		Courtyard Ballroom Foyer (B Level)	
9:30 am–10:00 am		<p align="center">Poster Session in TRADEing Post</p> <p align="center">Operational Emergency Categorization/Classification: A Process Improvement (LA-DR 11-06807)</p> <p align="center">Presenters: William Purtymun and Randy Balice, LANL</p>		Courtyard Ballroom Foyer (B Level)	
10:00 am–11:30 am					
Concurrent Sessions					
<p align="center">Session 3A Beyond Design Basis</p> <p align="center">Moderator: Robert Gee</p> <p align="center">Courtyard Ballroom</p>	<p align="center">Session 3B Leadership</p> <p align="center">Moderator: Dan Connell</p> <p align="center">Salon C</p>	<p align="center">Session 3C Emergency Response Organization</p> <p align="center">Moderator: Melanie Lepard</p> <p align="center">Salon B</p>	<p align="center">Session 3D Emergency Public Information</p> <p align="center">Moderator: Tony Stanford</p> <p align="center">Salon A</p>		
<p>When First Responders Can't</p> <p>Presenter: Richard Davis, AlphaTRAC, and Theresa McCollom, LLNL</p>	<p>Solution Leadership at Science Laboratories: Science Lab Round-Table</p> <p>Presenters: Emergency Managers from Science Laboratories</p>	<p>Thirty Minutes to Success or Failure. Critical Decisions in the First Minutes of an Emergency.</p> <p>Presenter: Steve Faulk, MSA</p>	<p>A Paradigm Shift in Information Dissemination</p> <p>Presenters: Steve Wyatt, DOE Y-12 Site Office, and Darrell Lankford, Consultant</p>		
<p>Exodus: Evacuating the Full Site</p> <p>Presenters: Daniel Gleaves and Amity Hahn, Pantex</p>		<p>Pantex's Transition from an All Volunteer ERO</p> <p>Presenter: Lisa Gilbreth, Pantex</p>	<p>Leading the Way in Media Monitoring: New Equipment Configuration at the Oak Ridge Reservation Joint Information Center</p> <p>Presenters: Debra Dyer, DOE-ORO, and Jack Huckabee, AWD</p>		
<p>Use of BDBE for Exercises</p> <p>Presenter: Forest Holmes, INL</p>	<p>Why Should COOP Matter to Our Leadership?</p> <p>Presenter: Diane M. Senutovitch, LANL</p>	<p>Active Shooter Standard Operating Procedure Development</p> <p>Presenters: Eugene McPeck and Dennis Cavalier, SNL</p>	<p>Where There's Smoke, There's LANL: EPI and the Las Conchas Fire 2011</p> <p>Presenters: Ken Adkins and Nancy Ambrosiano, LANL</p>		
<p>Earthquake—In the Blink of an Eye</p> <p>Presenters: Steve Joiner, Consultant</p>		<p>An Easily Distributed Tool for Bomb-Threat Protective Actions</p> <p>Presenter: Greg Roddahl, Pantex</p>	<p>Managing Next Generation Mission Critical Communications</p> <p>Presenter: Ben Brewer, Cassidian Communications</p>		

Wednesday, May 16, 2012 (continued)

11:30 am–1:00 pm LUNCH BREAK			
11:30 am–1:00 pm		TEEL Advisory Group (Invitation Only)	Salon A
1:00 pm–2:30 pm Concurrent Sessions			
<p>Session 4A Beyond Design Basis</p> <p>Moderator: Dan Connell</p> <p>Courtyard Ballroom</p>	<p>Session 4B Exercises</p> <p>Moderator: Robert Gee</p> <p>Salon C</p>	<p>Session 4C Emergency Response Organization</p> <p>Moderator: Jim Colson</p> <p>Salon B</p>	<p>Session 4D Preparedness</p> <p>Moderator: Tony Stanford</p> <p>Salon A</p>
<p>But I Already Use an EMS!" Benefits of Overlaying the ISO-14001 Environmental Management System with Your Emergency Management System for Improving Readiness Assurance and Beyond Design Basis Preparedness Activities</p> <p>Presenter: John Mitchell, KSS</p>	<p>The Big Bang Project: Observations and Lessons Learned from Pantex's Largest Emergency Exercise</p> <p>Presenters: Amity Hahn and Daniel Gleaves, Pantex</p>	<p>Emergency Operations Centers: Applying the Principles of Command, Control, and Leadership</p> <p>Presenter: Dave Stuhan, NSTec</p>	<p>Department of Energy, Energy Preparedness and Response Under the National Response Framework & National Infrastructure Protection Plan</p> <p>Presenter: Anthony Lucas, DOE HQ</p>
<p>Loss of Power Issues and Mitigation Strategies at Brookhaven National Laboratory (BNL)</p> <p>Presenter: Joseph Terranova, BNL</p>	<p>Leading the Way to Prepare for the Unthinkable (Y-12's Active Shooter Response Program)</p> <p>Presenters: Terry Nore and Lieutenant James S. Burnette, Y-12</p>	<p>County/Federal EOC Interaction</p> <p>Presenter: Brenda Andersen, LANL</p>	<p>Restructuring Pantex Emergency Management Documentation and Operations via the Kaizen Process</p> <p>Presenters: Daniel Gleaves and Chuck Rives, Pantex</p>
<p>Expecting the Unexpected</p> <p>Presenter: Mack Thomas, SRS</p>	<p>Exercise Planning: The Application of Project Management Principles</p> <p>Presenter: Todd Davidson, NSTec</p>	<p>Incident Command During Security Events</p> <p>Presenter: Roger Paul, Y-12 NSC</p>	<p>A New Look at Looking at Ourselves</p> <p>Presenter: Daniel Gleaves, Pantex</p>
<p>Management of Nuclear Emergencies in Multi-Facility Sites</p> <p>Presenter: Mina Golshan Dr/ Office for Nuclear Regulation, United Kingdom</p>	<p>Interagency Cooperation and the LANL Exercise Program</p> <p>Presenters: Monique Sanchez and Francisco Martinez, LANL</p>	<p>Implementing Virtual EOC Concepts via WebEOC</p> <p>Presenter: Greg Roddahl, Pantex</p>	<p>Do You Have a Crystal Ball?</p> <p>Presenter: James Daniels, NSTec</p>

Wednesday, May 16, 2012 (continued)

2:30 pm–3:00 pm	BREAK	Courtyard Ballroom Foyer (B Level)
	EMI SIG Steering Committee Meeting	Executive Conference Room (Fourth Floor)
3:00 pm–4:30 pm	Closing Session	Courtyard Ballroom (Second Floor)
	Moderator: Davey Matthews, NNSS	
	Closing Keynote Address	
	Dennis Mileti Professor Emeritus University of Colorado at Boulder	
	Topic: Psychology of Alerting Populations About Emergencies	
	Awards	
	Open Discussion	
	Adjournment	
4:30 pm–5:30 pm	EMI SIG Steering Committee Meeting	Executive Conference Room (Fourth Floor)

Thursday, May 17, 2012

7:00 am–8:00 am	Continental Breakfast (Note change in location.)	Courtyard Ballroom Foyer (Second Floor)
8:00 am–13:00 pm	<p>Tour</p> <p>Seattle Emergency Operations Center</p> <p>Tour bus departs Hotel at 7:45 am and 9:45 am</p> <p>Meet in Lobby at 7:30 am 9:30 am</p>	Lobby
Workshops		
8:00 am–5:00 pm	<p>L-550 COOP Planners Workshop</p> <p>This FEMA Continuity of Operations Planning Course (L-550) assists senior officials and continuity planners in their continuity of operations plan development. This course provides participants with the skills and knowledge to develop continuity plans that comply with the requirements in National Security Presidential Directive-51/Homeland Security Presidential Directive-20, the National Continuity Policy Implementation Plan, Federal Continuity Directives 1 and 2, and Continuity Guidance Circular 1. Additionally, this course is the last course necessary to complete FEMA Professional Continuity Practitioner Level I certification.</p> <p>Instructor: Avery Church, Excalibur Associates, Inc</p>	Madison Salon B (Second Floor)
8:00 am–5:00 pm	<p>HOTSPOT 2.07.2 Training Workshop and Computer Practicum</p> <p>BRING YOUR OWN LAPTOP WITH HOTSPOT 2.07.2 PRE-INSTALLED.</p> <p>Instructors: Steve Homann, LLNL, Carl Mazzola, Shaw Environmental, Inc., and Fernando Aluzzi, LLNL</p>	Madison Salon A (Second Floor)
8:00 am–12:00 pm	Exercise Builder Version 8 Overview Session One	Madison Salon C (Second Floor)
1:30 pm–4:30 pm	Exercise Builder Version 8 Overview Session Two	Madison Salon C (Second Floor)
1:30 pm–4:30 pm	Exercise Builder Version International Overview	Municipal (B Level)

Thursday, May 17, 2012 (continued)

8:00 am–1:00 pm	International Association of Emergency Managers (IAEM) Preparation Course for the Emergency Manager and Associate Emergency Manager Certification	Superior (B Level)
<p>You may register for either the course or the test, or both.</p> <p>Registration deadline is May 3, 2012. If there are less than 10 participants, the course and test will be cancelled.</p> <p>The course costs \$495/person. The test costs \$325 for IAEM Members and \$450 for Non-IAEM Members.</p> <p>Additional information can be found at http://www.iaem.com/certification/generalinfo/intro.htm.</p> <p>To Register:</p> <ul style="list-style-type: none"> • Go to: http://www.iaem.com/certification/CEMPrepCourse.htm and scroll down to May 17 offering. • Select the date • Complete online registration (Register for the Prep Course and/or Exam. You will have successfully completed the registration process when you receive a <u>registration number</u> and an <u>email confirmation</u>.) <p><u>AND</u></p> <ul style="list-style-type: none"> • Submit credential application fee here (if you have not done so already): https://www.iaem.com/members_online/members/createorder.asp. <p style="text-align: center;">Questions about requirements and registration should be directed to:</p> <p style="text-align: center;">Kate Walker CEM Administrator International Association of Emergency Managers 201 Park Washington Court Falls Church, VA 22046 (703) 538-3549 kwalker@iaem.com www.iaem.com www.emex.org</p>		
2:00 pm–4:00 pm	<p style="text-align: center;">IEAM Certification Examination</p> <p style="text-align: center;">(See registration instructions above.)</p>	Superior (B Level)



EMI SIG 2012 Annual Meeting Agenda

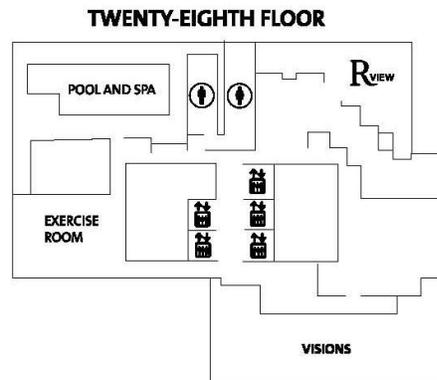
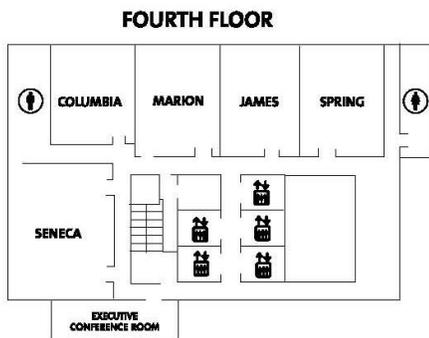
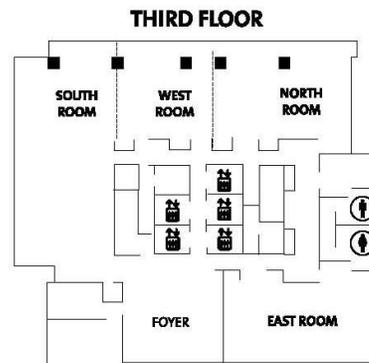
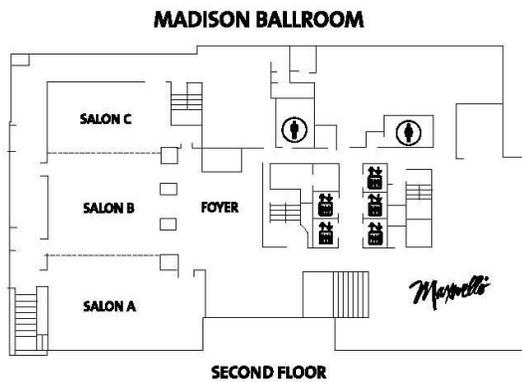
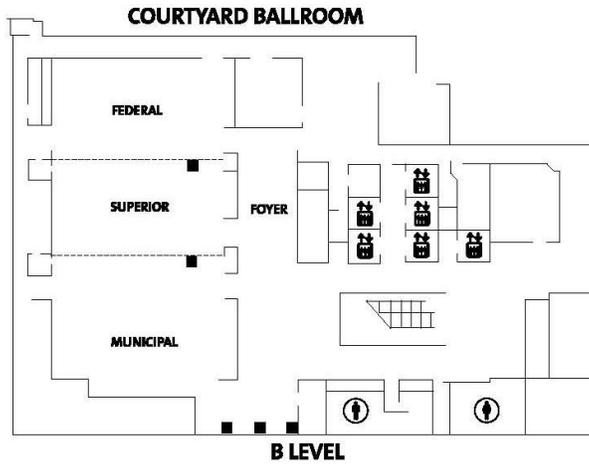


Friday, May 18, 2012

7:00 am–8:00 am	Continental Breakfast (Note change in location.)	Madison Salons B Foyer (Second Floor)
8:00 am–5:00 pm	L-550 COOP Planners Workshop	Salon B (Second Floor)

Saturday, May 19, 2012

7:00 am–8:00 am	Continental Breakfast	Madison Salons B Foyer (Second Floor)
8:00 am–9:30 am	L-550 COOP Planners Workshop	Madison Salon B (Second Floor)
9:30 am–5:00 pm	<p style="text-align: center;">Resilient Accord – Interagency Continuity Cyber Workshop (TTX)</p> <p>Resilient Accord is an Interagency Continuity Cyber Workshop (TTX) designed to increase continuity awareness, preparedness, and planning for Federal and non-Federal entities during a cyber attack. The workshop focuses on identifying solutions or alternative actions to ensure continuity of operations during a cyber incident. In addition, the workshop attempts to strengthen relationships between the continuity manager and information technology (IT) professionals. The workshop meets NCP's requirement in the National Continuity Policy Implementation Plan (NCPIP) of providing cyber security assistance and support in accordance with HSPD-7 and the National Strategy to Secure Cyberspace.</p>	Madison Salon B (Second Floor)



Abstracts

Adkins, Ken, and Nancy Ambrosiano, LANL

Session 3D

Where There's Smoke, There's LANL: EPI and the Las Conchas Fire 2011

The June 2011 Las Conchas Fire was the largest wildfire in New Mexico state history, burning over 150,000 acres and threatening Los Alamos National Laboratory and the town of Los Alamos. Within hours of the fire's outbreak, the LANL EPI team established emergency communications and for the next seven days used news releases, the Web, telephone hotlines, news conferences, and social media. The LANL EPI Team, as the lead organization for communicating with employees, the public, media, and elected officials during the week-long emergency, played a key role in the Lab's efforts to effectively combat the Las Conchas Fire. This presentation will detail the Lab's EPI efforts at the on-site Emergency Operations Center and off-site Joint Information Center in Santa Fe.

Andersen, Brenda, LANL

Session 4C

County/Federal EOC Interaction

The EOC was built for LANL following the Cerro Grande Fire. The EOC supports Los Alamos County and LANL. The building, ERO structure, and Emergency Directorate composition allow for face-to-face interactions, discussions, and decision-making in a real-time environment. This presentation addresses the challenges and the successes of a local/federal venture.

Burger, Robert, and Dennis Cavalier, SNL

Session 1D

Snake Management and Relocation Training

This presentation is based on Emergency Management assuming the duty to protect personnel from poisonous snakes that inhabit the area of New Mexico and TTR. A training program was designed that entails the development of Standard Operating Procedures, Job Safety Analysis, Work Planning and Control Package, PHS and lesson plans, PowerPoint presentations, equipment and practical initial and refresher training to prepare and equip personnel on the procedures for safely moving poisonous snakes.

Cornell, Tom, and Laurie Mitchell, MSA

Session 1D

ERO Proficiency Evaluation

A brief presentation on Emergency Response Organization (ERO) proficiency, starting with a review of the requirements, and then progressing through the agony of developing a program to define and evaluate proficiency. With a review of some of the most common problems and pit-falls, the presentation will provide insight into the often painful process of converting a simple sounding requirement into a credible and objective evaluation program. Lessons learned will be discussed and participants will be provided an evaluation tool that can be adapted to meet the needs of most DOE contractor Emergency Management Programs (EMP).

Daniels, James, NSTec

Session 4D

Do You Have a Crystal Ball?

Developing a long-term plan for your emergency management program does not start by using a crystal ball, but starts by developing a roadmap for your program. Developing a comprehensive five-year plan will assist your program to respond to a broad spectrum of emergencies and to continuously improve. This presentation will include discussions regarding the ease of developing a five-year plan and a review of key sections of the plan. An electronic five-year plan template will be available during the presentation.

Davidson, Todd, NSTec

Session 4B

Exercise Planning: The Application of Project Management Principles

Exercise planning is both a structured planning process and the art of creativity. Exercise planners can range in experience from the novice planner to a senior exercise planner with many years of experience. Regardless of experience level, a well-organized and consistent planning process will define the successfulness of an exercise during the planning, conduct, and evaluation phases. This presentation will identify basic project management

principles that enhance the planning process for emergency management exercises without being a certified project manager. The NNSC has embraced this model and will discuss how you too can apply these basic principles.

Davis, Richard, AlphaTRAC, and Theresa McCollom, LLNL

Session 3A

When First Responders Can't

When a large-scale or area event occurs, trained first responders will be dispatched to the highest priority event and may not be available to respond to your specific situation in a timely manner. Has your site developed a strategy that formalizes how they will deal with this situation? This presentation will discuss the program that Livermore National Lab developed to deal with this type of event.

de la Rosa, Diana, SNL

Session 1C

The Big Chill: Ensuring Infrastructure Capabilities

In February 2011, New Mexico experienced a record cold that had not been seen in more than 40 years. The local gas company was forced to begin shutting down municipalities and large-end users in order to avoid a total shut down of the system within New Mexico. SNL was shut down without much notice. In review of the February cold snap and subsequent shut down of the labs, SNL has begun assessing the effects of loss of infrastructure and the impacts of any requested curtailment or directed shut down by the utility companies. The presentation will review the weather-related events of February 2011 and the path forward for SNL with respect to the critical infrastructure (electricity, gas, fire protection water systems). The presentation will briefly touch on an energy security assessment capabilities model that SNL is developing. (This will be part one in a two part series. Part two will focus on what process SNL took in 2012 [for the 2013 EMI SIG]).

Dyer, Debra, DOE-ORO, and Jack Huckabee, AWD

Session 3D

Leading the Way in Media Monitoring: New Equipment Configuration at the Oak Ridge Reservation Joint Information Center

This presentation, which may be live streamed via the Web from the Oak Ridge Reservation Joint Information Center (ORR JIC) to EMI SIG Meeting attendees, provides a description of new media monitoring equipment and configuration the ORR JIC acquired during FY11. Since VCRs and audio tapes are outdated, media and online streaming radio are now monitored and recorded using PCs and dual TV tuner cards. Social media is also monitored, though a process has not been adopted at this time. This presentation may provide other DOE sites with ideas for updating media monitoring technology and processes.

Emergency Managers from Science Laboratories

Session 3B

Solution Leadership at Science Laboratories: Science Lab Round-Table

Science Lab Emergency Managers share issues and solutions monthly via a conference call. This session will be an extension of our inter-lab communication consisting of a round-table discussion by Emergency Managers from various Science Labs providing an overview of key issues impacting their laboratory and their emergency management program and the solutions provided by Emergency Management staff.

Faulk, Steve, MSA

Session 2A

What We've Got Here is ...Failure to Communicate!

The Hanford Site is an environmental remediation site with most of its 25 hazardous facilities in surveillance, decommissioning, or remediation mode. In order to classify events at these facilities, decision makers must rely on field information from witnesses. Communication of event conditions is critical to the decision-making process. Studies show eye witness accounts of events are often unreliable. This presentation discusses the challenges of making classification and other critical response decisions based upon eye witness reports and mechanisms to ensure reported information is as reliable as possible.

Faulk, Steve, MSA

Session 3C

Thirty Minutes to Success or Failure: Critical Decisions in the First Minutes of an Emergency.

Decisions by initial response personnel in the first half hour of each event are generally the critical factors in whether a response is effective or not. This presentation reviews some past events at Hanford, identifies the initial key

decisions that affected the outcome of response to each event and factors that led to those decisions, and discusses lessons learned that can be drawn from the decisions that were made.

**Fellows, Lani, NSTec
Session 2C**

Weston-Timber and Gritty Gulch Fires of 2011

In July 2011, the Nevada National Security Site Emergency Response Organization managed back-to-back operational emergencies for a string of wildland fires. As NNSC Fire and Rescue performed firefighting operations in the field, the ERO manned the NNSC Emergency Operations Center and Emergency Management Center for two weeks. This presentation will focus on how the NNSC ERO responded to fires that burned over eight square miles, coordinating offsite field responders, fixed-wing and heli-tack water drops, and unmanned aircraft system reconnaissance. Key lessons learned and best practices will be discussed.

**Freshwater, David, and Bill Hawkins, NA 41; Joe Stambaugh, NA-44
Session 2A**

Who is the HQ EMT and Why Are They Bothering Me During My Emergency

Events over the past year have shown that facilities and field elements are not fully familiar with the functions performed at the Headquarters by the Watch Office and the Headquarters Emergency Management Team (HQ EMT). This presentation, which is modified from the one given to personnel expected to staff the HQ EMT, will help bridge the existing knowledge gaps. This presentation is a counterpart to the HQ Watch Office presentation.

**Gentile, Bill, DOE Los Alamos Site Office; Brenda Andersen and Deputy Chief Justin Grider, LANL
Session 2C**

Preparing for the Next Big Fire...and Getting It: The Las Conchas Fire and Los Alamos National Laboratory

The presentation will discuss the effects of the 2000 Cerro Grande Fire and the resulting preparation and mitigation measures enacted at the Los Alamos National Laboratory. It will also examine the onset of the 2011 Las Conchas Fire, the response by LANL and fire fighters, and the results of the fire. It will close by discussing lessons-learned and path-forward as we, again, prepare for the next big fire.

**Gilbreth Lisa, Pantex
Session 3C**

Pantex's Transition from an All Volunteer ERO

For many years, Pantex has operated with an ERO consisting of volunteers. Pantex is in the process of transitioning to a smaller, more flexible dedicated ERO. This presentation will explain the rationale, and process of transition.

**Gleaves, Daniel, and Amity Hahn, Pantex
Session 3A**

Exodus: Evacuating the Full Site

Evacuating an entire site rather than just a building or group of buildings is a potential nightmare. There are numerous issues to work through when considering a mass evacuation. In this panel discussion, representatives from several sites, including Pantex, will discuss their history, plans, and considerations for evacuating their entire sites.

**Gleaves, Daniel, Pantex
Session 4D**

A New Look at Looking at Ourselves

Pantex is revising its Emergency Management Self Assessment Program to provide better focused feedback. This builds upon a strong foundation of self assessments that were performed in a different way. This new approach provides fresh opportunities for self examination. This presentation will highlight both valid means of self-assessment and will discuss the transition process.

**Gleaves, Daniel, and Chuck Rives, Pantex
Session 4D**

Restructuring Pantex Emergency Management Documentation and Operations via the Kaizen Process

In 2011, Pantex Emergency Management decided to re-align its documents and processes for clarity and conciseness. The department employed a tool known as Kaizen to plan and implement the realignment and process improvements. This session will discuss the process, lessons learned, and its outcomes.

Golshan, Mina, Dr/ Office for Nuclear Regulation, United Kingdom

Session 4A

Management of Nuclear Emergencies in Multi-Facility Sites

This presentation sets out the UK nuclear regulatory expectation on what constitutes a nuclear emergency with a particular emphasis on multi-facility sites. The expectation is that interactions between all facilities, between facilities and shared services, and between services as well as domino effects and external hazards should be considered as part of emergency and severe accident management strategies and underpinned by an appropriate level of analysis. Generic examples of accident scenarios where more than one plant may be affected as well as a scenario used as part of a demonstration exercise to the UK nuclear regulator will be discussed.

Hahn, Amity, and Daniel Gleaves, Pantex

Session 4B

The Big Bang Project: Observations and Lessons Learned from Pantex's Largest Emergency Exercise

Pantex conducted the largest emergency exercise in its history this year. This ventured a scenario initiating in two facilities that impacted broad areas both on- and off-site impeding large (national) transportation arteries. This presentation will describe the exercise, its scenario, and observations and lessons learned from planning and conducting the exercise.

Hardin, Holly, ORISE

Session 1B

Leading the Way in Exercising: Get into Shape with Social Media

The Oak Ridge Institute for Science and Education (ORISE) provides technical support to the Department of Homeland Security (DHS) Federal Emergency Management Agency (FEMA) in support of the Chemical Stockpile Emergency Preparedness Program (CSEPP). As part of its mission to provide low-cost, off-the-shelf technology for public affairs and emergency response, ORISE conducted a technology course titled, 2011 Advanced CSEPP Public Affairs and Emergency Preparedness Course. This three-day course provided participants with hands-on technology training using Web 2.0, social media, and Google applications with an activity held on the final day of the course at the Oak Ridge Reservation (ORR) Joint Information Center (JIC) to provide participants an opportunity to demonstrate the use of various technology tools available within the public affairs information dissemination realm as participants react to information concerning a local disaster. An earthquake scenario-based activity was used to focus on key local coordination and critical decision-making relating to public affairs information distribution using equipment at the ORR JIC.

Exercising social media is a practice not widely conducted throughout the DOE/NNSA Complex, but is a part of emergency public information that should be addressed in future exercises and EPI plans. Using the 2011 Advanced CSEPP Public Affairs and Emergency Preparedness course final hands-on activity at the ORR JIC as a case study, this presentation provides a starting guide for exercise developers, public affairs, and emergency managers to integrate technology tools and processes for exercising social media.

Hodgin, Reed, Meredith O'Brien, and Dr. An Oskarsson, AlphaTRAC

Session 2D

Crisis Decision-Making—The Key to Success in Emergencies: A Live-Action Simulated Exercise

Perhaps the most critical skill for incident commanders is effective decision-making. This 90-minute workshop will teach participants about crisis decision-making and making rapid "good enough" decisions under stress. It will include a presentation on the underlying principles of effective decision-making during crisis, followed by a live-action exercise involving EMI-SIG participants.

The exercise will involve a variation of the highly rated Urban Shield exercise that used AlphaACT HAZMAT, the NA-41-sponsored crisis decision training solution. It is one of two exercises that will be held over the course of EMI-SIG, with teams competing for the best overall score. This session is limited to 32 participants who will be divided into competing teams of eight. Spots can be reserved and teams created at <http://www.alphaact.com/emisigworkshop>.

Hodgin, Reed, AlphaTRAC, and Rocky Saunders, LBNL

Tuesday, 11:30 pm—1:00 pm

2011 Urban Shield Exercise – Emergency Management Leadership through a "Field" Exercise in Rapid Emergency Decision-Making

Considered the nation's premier anti-terrorism exercise, the annual San Francisco Bay Area Urban Shield Exercise involves brief, fast moving, competitive scenarios that challenge SWAT, firefighter, and emergency medical services



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teams to arrive at successful solutions under pressure. LBNL hosted the Purple Area Command, which included a scenario using AlphaACT HAZMAT, the NA-41-sponsored crisis decision training solution. This 90-minute workshop will include a presentation by Rocky Saunders about the 2011 Urban Shield event, followed by a live-action exercise involving EMI-SIG participants.

The exercise will involve a variation of the highly rated Urban Shield exercise that used AlphaACT HAZMAT. It is one of two exercises that will be held over the course of EMI-SIG, with teams competing for the best overall score. This session is limited to 32 participants who will be divided into competing teams of eight. Spots can be reserved and teams created at <http://www.alphaact.com/emisigworkshop>.

Holmes, Forest, INL

Session 3A

Use of BDBE for Exercises

The presentation will provide a comparison of DOE vs. NRC BDBEs definitions, how both can be used in determining BDBEs, and how to determine which parts should be used in conducting an exercise.

Howard, David, LANL

Session 1C

Use of Virtualization in Emergency Preparedness

Emergencies, particularly those that trigger an organization's Continuity of Operations Plan, may require operating from an alternate, tertiary, or mobile Emergency Operations Center. Ensuring information is able to move with, and be available to, those managing an emergency can be a complex and costly endeavor. By virtualizing servers and pre-configured consequence assessment systems using inexpensive or free host software with networked copies or commodity external storage, a functional duplicate of an EOC data center can be brought on line quickly.

Joiner, Steve, Consultant

Session 3A

Earthquake—In the Blink of an Eye

A series of Earthquake drills challenged the decision-makers in ways they had never been challenged before. Services and response assets were not immediately available—no Fire Department; no ambulances; and limited communications. What are the correct protective actions for the worker population? Should they reenter the facility or perform a structural analysis? Are they in a safe shutdown condition or not? Who should be sent home; who should stay; and how do we get them there? How do we recover? Is there a cavalry coming, and when will it get here? These are only part of the flood of questions for the decision-makers to deal with in real time. How do you turn chaos into calm? Facility Management and the decision-makers in the Emergency Response Organization must "Cowboy and Cowgirl Up." Leadership is critical in managing this type of event or any other event that is immediate, unanticipated, and potentially catastrophic.

Kerr, Thom, and Michelle Wolfgram, ORNL

Session 2B

Developing Emergency Action Levels: "That was [NOT] Easy!"

This presentation focuses on the development and ease of use of Emergency Action Levels for Oak Ridge National Laboratory. It will highlight the process that ORNL used to achieve the desirable EAL characteristics of being complete, conservative, usable, integrated, timely, reliable, internally consistent, anticipatory, and repeatable.

Konst, Jillian, NSTec

Session 1B

Using Internal Websites as ERO Communication Tools

The ability of ERO leadership to communicate vital information to all ERO members quickly and easily is an important part of the emergency management program. Our ERO leadership has started using intranet websites to make accurate, useful information available to members in one central location. This presentation will explain how the NSTec Emergency Services and Operations Support Division is using websites to disseminate information to ERO cadre members including ERO position and reference documents, useful links, and drill and exercise support.

Leonard, Chris, Cassidian Communications

Session 3D

Managing Next Generation Mission Critical Communications

Cassidian Communications will provide a presentation to Department of Energy leadership regarding best practices with respect to management of Next Generation Mission Critical Communications. Cassidian currently provides the Emergency Notification systems for several Department of Energy sites and will discuss how to develop an Integrated Command and Control, Common Operating Picture. We will discuss how to achieve Complete Information Assurance, (certification and accreditation) securing an organization's emergency information. We will provide an overview of Federal Requirements and Guidelines Compliance for critical communications.

Lucas, Anthony, DOE HQ

Session 4D

Department of Energy, Energy Preparedness and Response Under the National Response Framework & National Infrastructure Protection Plan

The Energy Department's Office of Electricity Delivery and Energy Reliability (OE) is the designated Federal Sector-Specific agency directing Emergency Support Function 12 (ESF-12) activities for the Energy Sector under the National Response Framework. In the event of an emergency, OE maintains teams of responders that specialize in energy infrastructure. These responders can be quickly activated and deployed to the location of an event. During an event, OE staff coordinates with deployed personnel, other Department offices, and Federal and State and local agencies in responding to the emergency.

McPeck, Eugene, and Dennis Cavalier, SNL

Session 3C

Active Shooter SOP Development

The purpose of this briefing is to describe the Active Shooter SOP and mutual aid response procedures by Sandia EM, Sandia Security, KAFB LE, the FBI, and OSI to an Active Shooter.

Mellor, Debbie, and Jeff Morrison, NSTec

Session 1C

Integrating COOP Accountability with Emergency Management and Business Continuity

During emergencies or other events, it is important to understand the status of your workforce. First, are they safe and second are they available to support continued operations for COOP or business continuity. This presentation describes NSTec's method and lines of responsibilities for manually contacting employees and collecting availability information. It will also include our plans for an automated solution.

Mitchell, John, KSS

Session 4A

"But I Already Use an EMS!" Benefits of Overlaying the ISO-14001 Environmental Management System with Your Emergency Management System for Improving Readiness Assurance and Beyond Design Basis Preparedness Activities

The ISO-14001 standard and methodology enables an organization to put into place an Environmental Management System that serves as a management tool to:

- Identify and control the environmental impact of its activities, products or services.
- Improve its environmental performance continually.
- Implement a systematic approach to setting environmental objectives and targets, to achieving these, and to demonstrating that they have been achieved.

This session will overlay an ISO-14001 approach with the DOE Emergency Management System to demonstrate an approach managers can take to ensure their readiness to respond to emergencies, including beyond design basis events.

Nore, Terry, and Lieutenant James S. Burnette, Y-12

Session 4B

Leading the Way to Prepare for the Unthinkable (Y-12's Active Shooter Response Program)

This presentation will discuss Y-12's Protective Force active shooter response planning and training; and the planning, conduct, and lessons learned from Y-12's Full-Participation Active Shooter Exercise. Presentation will be 20 minutes with lecture, pictures and short video clips.

Paul, Roger, Y-12 NSC

Session 4C



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Incident Command During Security Events

This presentation will discuss the Y-12 Emergency Management creative strategy for ensuring an effective Incident Command/NIMS structure is established during security-related events. Discussion will include the integration of Fire, EMS, Security, and offsite response resources into singular response entity capable of mitigating a security-related emergency.

Pfeiffer, Phil, INL
Session 1B

Launching Advance Technologies for the Future of Emergency Management

INL has deployed advance technologies shaping the future of emergency management. The advance technology presentation will provide a forum across the DOE complex where collaboration and information sharing for continued development, integration and standardization of Emergency Management Technologies can make a difference.

Four deployed INL technologies will include:

1. Wildland Fire Detection Systems.
2. Mobile Incident Command Camera Technologies.
3. Cloud Computing Web EOC.
4. Video Conferencing Emergency Control Centers.

Purtymun, William F., and Rachel S. Hixon, LANL
Session 2B

Additional Uses of the Rapid Response Tool for Planning, Preparedness, Response and Recovery/Reentry. (LA-UR 11-06805)

Graphic representation of emergency events ensures the rapid dissemination of event facts upward and outward through the chain of command. This causes response activities at and beyond the local event scene; while meeting the time-sensitive information needs of strategic decision-making in areas of protective actions. This talk will include a demonstration of the graphic computer display system being incorporated into LANL Emergency Response. This presentation will discuss some of these needs, and display of protective actions, pre-planning that can be done to streamline the mapping process during an emergency, both for use in drill and exercises.

Purtymun, William F., and Randy Balice, LANL

Operational Emergency Categorization/Classification: A Process Improvement (LA-DR 11-06807)

In accordance with the Los Alamos National Laboratory (LANL) Emergency Planning Implementing Procedure (EPIP) on Operational Emergency Categorization/Classification (Cat/Class), the occurrence of an operational emergency at LANL triggers an emergency response that includes Cat/Class. We analyzed the Cat/Class process for potential improvements to accuracy, verification and communication. We found that the process worked well when emergency responses followed clearly defined methods. Opportunities for improvements presented themselves when urgent responses required spontaneity, and complex communications and decision-making between organizations. From this analysis, we simplified the Cat/Class process to eliminate decision points and non-value added steps. We also limited the number of communication steps, or made them automatic. These results were incorporated into the EPIP.

Improving the Categorization/Classification process allows for decision-makers to promptly issue protective actions and protective action recommendations.

Use of GIS in Emergency Response, (iCRAM: I Can Read A Map!) (LA-UR 11-06806)

With the advent of Geographic Information Systems, mapping has become easier and yet more complex as the amount of information available increases. Emergency Responders have many tools available to them but perhaps none are as important as the ability to locate oneself spatially, as on a map or a computer during emergency response operations through to recovery. During the Las Conchas Fire multiple mapping needs and sources of information were available, which sometimes lead to confusion over what was being depicted. This presentation will discuss some of these mapping needs, the display of protective actions, as well as what pre-planning that can be done to streamline the mapping process during an emergency, both for use in drill and exercises.

Richards, John, and Patty Billy, LLNL

Session 2B

So Who Called This an Operational Emergency? Creating a Categorization & Classification Authority Position at LLNL



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In 2008 the Emergency Management Department at LLNL established an on-call duty officer for performing emergency categorization, classification, determination of protective actions, and offsite notifications in accordance with DOE Order 151.1C requirements. Prior to this, these functions were handled by the LLNL fire department Duty Chief; however, under the new M&O contract for LLNL, this entity was transferred to a subcontractor (Alameda County Fire Department). Nevertheless, LLNL's new management believed that these responsibilities needed to remain with an LLNL M&O employee. This presentation will provide an overview review of this program and offer lessons learned from its implementation at LLNL.

Rives, Charles, Pantex

Session 2A

You Can't Say That: Coordination of Consequence Assessment Information with State Officials for Scenarios Containing Sensitive or Classified Information.

Like several other DOE sites, many of the source terms in Pantex scenarios center on classified information for material identity or quantity. Pantex has worked around several of the hurdles associated with this situation. This session will describe some of the lessons learned and processes now employed at Pantex.

Roddahl, Greg, Pantex

Session 3C

An Easily Distributed Tool for Bomb-Threat Protective Actions

Pantex has developed an easily shared tool to help emergency responders and decision makers who need to implement the protective actions associated with the DHS New Standardized Bomb Threat Stand-off Card developed for HSPD-19. This tool is both easy to use and easy to share.

Roddahl, Greg, Pantex

Session 4C

Implementing Virtual EOC Concepts VIA WEB EOC

A physical EOC is a valuable asset but can be damaged or become inaccessible to some or all of the ERO. Pantex is examining the use of a virtual EOC to provide assurance that the ERO will be effective even when things turn sour.

Sanchez, Monique, and Francisco Martinez, LANL

Session 4B

Interagency Cooperation and the LANL Exercise Program

Los Alamos National Laboratory is unique in the complex in that it is not served by a dedicated fire department. Instead, the Los Alamos County Fire Department (LAFD) provides fire and life safety services for the Laboratory under a cooperative agreement with NNSA. Over the past few years, the Laboratory and the LAFD worked together to improve interagency coordination and response through Laboratory hazardous material facility walk-downs, training, and exercises. This presentation will focus on LAFD's participation in exercises, the benefits of exercising together, lessons learned, and how exercises are the launch pad to a more open and productive interagency relationship.

Senutovitch, Diane, LANL

Session 3B

Why Should COOP Matter to Our Leadership?

Why continuity of operations (COOP) should matter to our leadership is a simple question with a potentially complex answer. A COOP program encompasses more than just planning, implementation, exercises, and training. Integration is based on "why is this of value to me?" Ensuring computational and communications capabilities is essential for emergency responders, mission critical work, and our essential functions. Ability to ensure our sites can return to normal operations after an event that causes a disruption to programmatic work to the site or an essential facility is not insured once recovery is implemented. Continuity, contingency, and disaster recovery planning ensure that recovery isn't the start point for COOP—rather they ensure leadership knows that the CEMTs and CERGs are working event response and recovery together to ensure site sustainability.

Sousa, Elizabeth, EOTA

Session 1D

How the EOTA Can Enhance Your Training

The Emergency Operations Training Academy (EOTA) provides a broad spectrum of different capabilities that can enhance any DOE/NNSA site/facility training program. This presentation provides an overview of the different services the EOTA offers such as: Analysis (Vision), Standard Curriculum, Surveys, Just-In-Time Training,



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Resources, Tracking and Reporting Training Completions, Training Delivery, Work-For-Others and Exercises. Participants will learn different methods to enhance organizational effectiveness and improve training and management programs.

Stambaugh, Joe, NA-44; David Freshwater and Bill Hawkins, NA 41

Session 2A

What Does the HQ Watch Office Do to Help?

Events over the past year have shown that facilities and field elements are not fully familiar with the functions performed at the Headquarters by the Watch Office and the Headquarters Emergency Management Team (HQ EMT). This presentation will help bridge the existing knowledge gaps. This presentation is a counterpart to the HQ Emergency Management Team presentation.

Stuhan, Dave, NSTec

Monday, May 14, 2:15 p.m.

Benchmarking - Facility Preparedness Programs: Nuclear and Nonnuclear Programs

This facilitated benchmarking experience will allow DOE/NNSA sites to share information related to facility preparedness programs for nuclear and nonnuclear facilities. Cross functional teams (e.g. planners, trainers, drill coordinators, etc.) can explore base programs as well as hazardous material programs and get a wider perspective of the varying programs and allow opportunities for each site to explore enhancements to their individual programs. Typically, sites are afforded to travel to one or two sites for benchmarking programs; however, this benchmarking experience will bring a multitude of sites together in one location. Pre-registration for this session is recommended so sites can bring their site-specific documents, etc. (NOTE: Controlled Attendance)

Stuhan, David, NSTec

Session 4C

Emergency Operations Centers: Applying the Principles of Command, Control, and Leadership

An Emergency Operations Center (EOC) plays a significant role in event management during operational emergencies and the ability to effectively lead others during a crisis is extremely important. The application of command, control, and leadership principles in an EOC has a significant impact on the outcome of a response and recovery. Leadership influences and guides others to a common set of objectives, while command and control integrates all functions into a meaningful purpose with appropriate feedback on outcomes. This presentation will provide key elements of command, control, and leadership principles and discuss how these principles can contribute to successful EOC operations.

Terranova, Joseph, BNL

Session 4A

Loss of Power Issues and Mitigation Strategies at BNL

Because of its location on the east end of Long Island in the middle of the Atlantic "Hurricane Alley," Brookhaven National Lab is susceptible to extended loss of site-wide power and has experienced three power outages over the last 30 years. The presentation will review the history and detail the issues identified and mitigation strategies within the BNL loss of power plan.

Thomas, Mack, SRS

Session 4A

Expecting the Unexpected

Facilities in the DOE complex have addressed Design Basis Events and are prepared to respond to those type events, but what if the event is Beyond Design Basis? This presentation will discuss the need for preparing your facility for the unexpected situation of a Beyond Design Basis Event. Although there are many areas that need to be evaluated prior to an event, today we will look at four basic needs that should be addressed by all facilities: Extended Loss of Power; Communications; Offsite Emergency Response Resources; Egress Routes.

Van Saun, Phillip, University of California

Monday, 4:30 p.m.

Failure Is An Option: 10 Lessons to Inoculate Leaders from Future Misfortune

This session will present research and practical experience that is the subject of a soon-to-be published book on how best to plan for and learn from failure. Ten salient 'lessons' will be presented to assist leaders in planning for and leading during emergencies.



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**Wyatt, Stephen, DOE Y-12 Site Office, and Darrell Lankford, Consultant
Session 3D**

A Paradigm Shift in Information Dissemination

The release of accurate and timely information during an emergency has plagued the DOE Complex for over 20 years. Major hurdles to success are typically; (1) developing the news release, (2) approving the news release, (3) not using social media properly, and (4) support from senior management and emergency management.

This year Y-12 embarked on an Emergency Public Information (EPI) enhancement program designed to address these issues. The impetus came from poor EPI performance during an exercise that involved an accidental death onsite. It took approximately two and one-half hours to get out the second news release.

This presentation focuses on cutting-edge approaches Y-12 is taking to address these issues.