



Emergency Management Issues Special Interest Group Annual Meeting

SAND2011-2765C

SO Just How Did that Free Play Exercise Work Out

Operation
“Sounds of Silence”
10-EX-09 9 June 2010

Sam Henderson,
Sandia National Laboratories

Sandia National Laboratories is a multi-program laboratory managed and operated by Sandia Corporation, a wholly owned subsidiary of Lockheed Martin Corporation, for the U.S. Department of Energy's National Nuclear Security Administration under contract DE-AC04-94AL85000.

May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



SCENARIO

The SNL Robotics Department is about to conduct testing on a new line of robots.

Dr. Steven Chu, Secretary of Energy; Mr. Thomas D'Agostino, NNSA Administrator; and Adm. Joseph Krol, Associate Administrator for Emergency Operations.

The visiting group's itinerary for Wednesday will include an hour-long meeting with the Sandia National Laboratories Leadership Team (LLT) to discuss the project and its implications for SNL\NM. While meeting with the LLT, the group also plans to brief the project to the New Mexico Governor and Albuquerque Mayor over the phone.

After that, they will hold a press conference in Building 825 at approximately 10:00 a.m. (MST) to announce the new project.

SCENARIO

On the day of the protocol visit and with the news media already on site for the press conference

A Matheson Tri-Gas truck pulls into the fenced area of the Robotics Vehicle Range (RVR) Headquarters to deliver chlorine.

As the driver gets out of the truck, he notices a strong chlorine odor and immediately moves the truck downwind (either the north or south end of the parking lot as determined by the wind direction at the time of the exercise).

The driver then runs into Building MO-257 and reports the leak to the first person he sees, who then calls 911 and reports the leak.



PRE EX MESSAGE

PreEX A

Event Time: -2 days

Estimated Clock Time: Monday, June 7, 2010 @ 0830

From: Exercise Director

Receiver: SSO PAO

Conditions: Exercise is a probable Go

This is an Exercise Message for the June 9, 2010,
Exercise:

DOE Headquarters has informed you of the following;

On Monday, June 7, DOE Headquarters notifies SSO that
Dr. Steven Chu, Secretary of Energy;
ETC.....

ONLY 2 MESSAGES?

Message #1.

Role Player #4 Calls 911 and reports incident. Role Player #4 responds to EOC and SCC questions based on the information in their scenario cards and message 1 – no further information is offered.

Message #2.

Non playing SPOs continue normal patrols.

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

emi sig

EMERGENCY MANAGEMENT ISSUES
SPECIAL INTEREST GROUP



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina



May 2-5, 2011 Charleston Marriott • Charleston, South Carolina

Exercise Planning – The EXPLAN followed the SNL/NM-established Exercise Program Manual, was suitably constructed, and accomplished the identified overarching objectives. The objective based scenario was realistic and allowed for near complete free play because it was controller-adjustable based on actual play and, therefore, provided the appropriate feedback to responders based on their incident specific decisions and actions.

As a result of a controller failing to realize that the media should not have been in the motorcade, unauthorized electronic equipment was inadvertently brought into a limited area. The appropriate reporting was immediately made to SIMP and the SIMP mandated corrective actions have been completed.

LET THE RESPONSE DIRECT THE EXERCISE
RATHER THAN
THE EXERCISE DIRECTING THE RESPONSE.

May 2-5, 2011 Charleston Marriott • Charleston, South Carolina