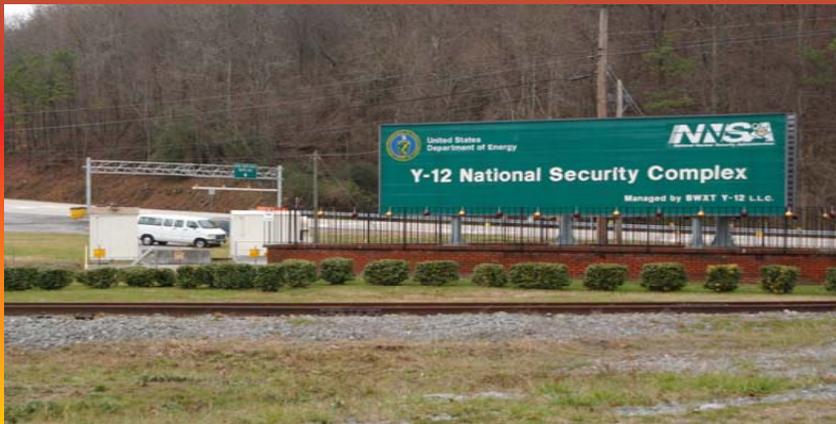


EXTERNAL EVENTS

*The
WILDCARD
of
EMERGENCY
MANAGEMENT*

CONDUCTING A SECURITY RELATED FULL PARTICIPATION EXERCISE



Terry Nore, BWXT Y-12

Bob Murawski, MEI



Exercise Purpose

On Aug 25, 2004, Y-12 conducted EPIC04 to demonstrate the ability of Federal, State, and Local officials to respond to a WMD event on Y-12 property.



view from the user side



end view

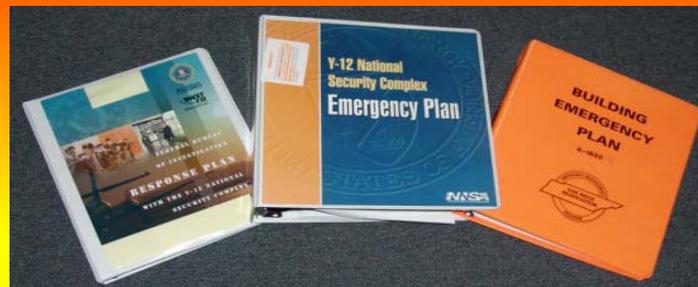


view from the front

Exercise Purpose

The exercise tested:

- *Y-12 Emergency Plan*
- *Tennessee Emergency Management Plan*
- *State of Tennessee Multi-Jurisdictional Emergency Response Plan for the Department of Energy Oak Ridge Reservation*
- *Emergency Response Plan between Y-12 and the City of Oak Ridge*
- *Emergency Response Plan between Y-12 and the City of Oak Ridge*
- *FBI Response Plan with the Y-12 NSC*
- *Oak Ridge Reservation Pursuit Plan (U)*



Exercise Scope

Full Participation:

- Y-12 NSC
- DOE ORO
- RAP Region 2
- REAC/TS
- DOE HQ
- FBI, Knoxville
- FBI, Oak Ridge
- State of Tennessee
- City of Oak Ridge
- Anderson County
- Loudon County
- Knox County
- Roane County
- American Red Cross
- Methodist Medical Center of Oak Ridge
- Fort Sanders hospital
- Baptist West hospital

Exercise Scope

- **Eight-hour exercise**
 - Full response by Y-12 ERO under SECON 2 conditions
 - Initial response by local FBI forces
 - Integrated offsite field monitoring with Y-12, State of Tennessee, and RAP assets
 - Local hospital response to mass radiologically contaminated and “worried well” personnel and privately owned vehicles
 - REAC/TS support to local hospitals (multiple locations)
 - FRMAC logistical planning



Planning Issues

- Understanding of intelligence information flow (FBI to DOE to DHS to NNSA to STATE to CITY)
- Unified Incident Command with local law enforcement, FBI and Y-12 Security (Two event scenes [Y-12 and Oak Ridge])
- Integration of FBI response in the Y-12 Emergency Plan
- Level of participation by FBI
- Access to Y-12 by offsite agencies

Scenario

Pre-existing conditions:

- Y-12 under SECON 2
- NNSA/DOE under SECON 2
- State and local governments
- FBI on heightened alert

All participants were provided intelligence, DHS and DOE advisories, and news stories prior to the start of the exercise.

Scenario

Initiating Event:

- Van with terrorists park at the main entrance on the Y-12 Site boundary
- Bomb threat call with demands (to Y-12 and Oak Ridge)
- Detonation after initial negotiation (30-minutes)



The GOOD



The GOOD

- **Interaction with FBI**
 - Separate Y-12/FBI Plan and implementing procedures covering incident command, command and control in the EOC, and authorities in the JIC
 - Release of EPI authorities (after gnashing of teeth in initial exercises)
 - Identification of an initial Joint Operations Center on Y-12
- **SECON Planning**
 - Update of the Y-12 SECON Plan
 - Significant increase in management's knowledge base

The GOOD

- **Unified Command with local law enforcement agencies**
 - Exchange of communications (radios)
 - Good information flow
 - Combined response tactics
- **Y-12/LLEA Planning**
 - Plans with local police and sheriff departments implemented, tested, and updated
- **NNSA/State Interface**
 - Excellent coordination and communications
 - Excellent discussion and coordination on plume modeling and field monitoring planning

The BAD



The BAD

- Intelligence flow

- DOE/NNSA HQ intelligence flow to Y-12 was not understood. Resulted in dropping this part of the exercise and replacing it with a pre-exercise briefing
- FBI to Local Law Enforcement became “too hard to do” based on the FBI workload

- Offsite Medical Response

- With the exception of Methodist Medical Center in Oak Ridge, offsite hospitals/ medical centers had significant problems with decontamination and treatment of personnel.
- Offsite medical organizations did not have a method to control contamination of vehicles driven (and contaminated) by personnel self-reporting to their facilities

The BAD

- **Processing Classified Information**
 - Limited capability by the State ~ Single point of failure
 - No capability by local law enforcement
- **Extent of FBI participation not fully understood**
- **Field Monitoring**
 - Lack of capability of the state to accurately monitor for Cs-137
 - State lacked maps for monitoring teams that extended far enough to cover projected plume

The UGLY



All of us at Y-12 wish John the very best!

CONDUCTING A SECURITY RELATED FULL PARTICIPATION EXERCISE

Any Questions?

Terry Nore, BWXT Y-12

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