

JEOPARDY!

“HERDING CATS”

Merging Exercise and Evaluation Methodologies

Jenise D. Dahlin, Los Alamos National Laboratory

EMI-SIG Annual Meeting, May 9, 2007

San Antonio, Texas





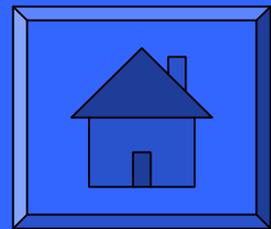
 Merging Methodologies	DOE Evaluation Criteria	HSEEP Exercise Evaluation Guides	Exercise Lingo	Ripley's Believe It or Not 
<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>	<u>100</u>
<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>	<u>200</u>
<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>
<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>	<u>400</u>
<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>

Merging Methodologies for \$100



The three organizations whose methodologies are being combined for purposes of this presentation and many facilities' exercise programs

Who are the Department of Energy (DOE), the Department of Homeland Security (DHS), and the Federal Emergency Management Agency (FEMA)?

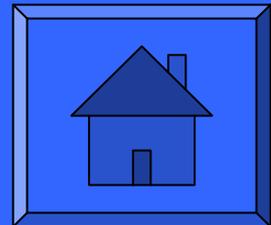


Merging Methodologies for \$200



Discussion based exercise where participants problem solve using a hypothetical situation to assess plans, policies, and procedures

What is a Tabletop Exercise?

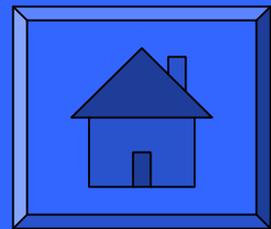


Merging Methodologies for \$300



Operations based exercise where participants “respond” as they would with simulated outside partners and simulated movement of personnel and equipment – these are typically held in the EOC environment

What is a Functional Exercise?

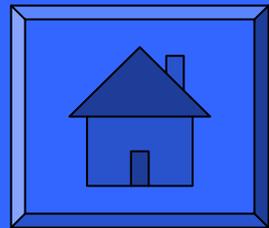


Merging Methodologies for \$400

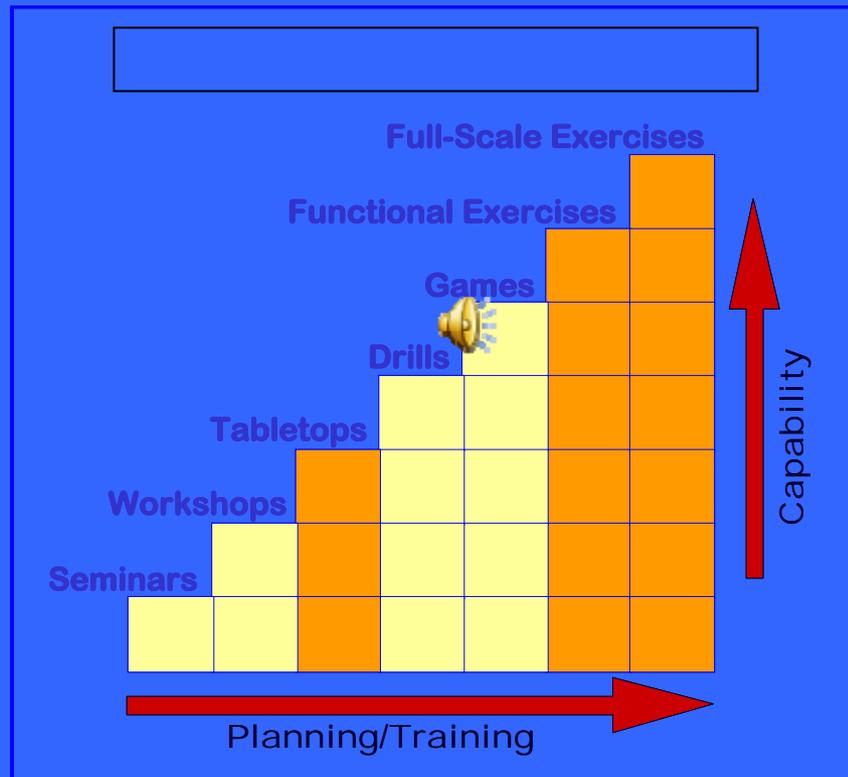


Coordinated operations based exercise focusing on testing one single, specific operation or function usually for a single agency – used many times to train on new equipment or to test a new procedure

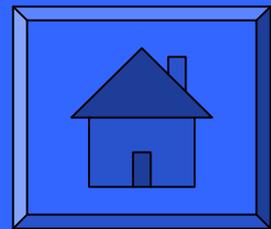
What is a drill?



Merging Methodologies for \$500



What is the Building-Block Approach?



DOE Evaluation Criteria for \$100



Deficiency

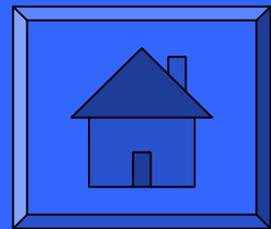
Weakness

Improvement Item

Met

Noted (or Noteworthy) Practices

What are DOE's Typical Evaluation Ratings?

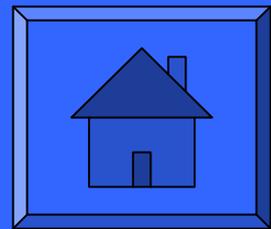


DOE Evaluation Criteria for \$200



Basis for performance-based
criteria to be used for evaluation
purposes

What are the performance goals outlined in DOE O 151.1C?



DOE Evaluation Criteria for \$300



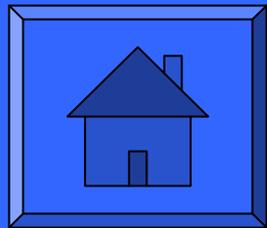
P – program evaluation only

E – exercise evaluation only

P/E – both program and exercise evaluation

CE – evaluation of the conduct of an
exercise

What are the DOE evaluation types for labeling criteria?

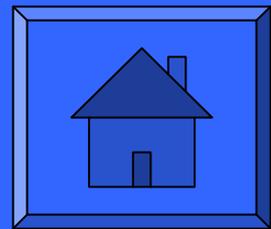


DOE Evaluation Criteria for \$400



- Program Administration (P)
 - Training and Drills (P)
 - Exercises (P)
 - Readiness Assurance (P)
- Emergency Response Organization
 - Offsite Response Interfaces
- Emergency Facilities and Equipment
 - Categorization and Classification
- Notifications and Communication
 - Consequence Assessment
- Protective Actions and Reentry
 - Emergency Medical Support
- Emergency Public Information
 - Termination and Recovery

What are the Programmatic and Response Elements which are the standard basis for generic evaluation criteria?

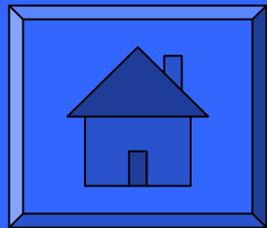


DOE Evaluation Criteria for \$500



Locations where key events are expected to occur and, thus, where evaluators should be placed to observe response actions

What are evaluation points?

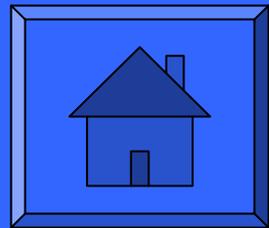


HSEEP Exercise Evaluation Guides for \$100



EEG's

What are Exercise Evaluation Guides?

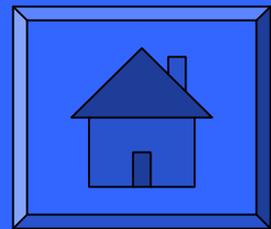


HSEEP Exercise Evaluation Guides for \$200



The key items requiring
coordination to achieve mission
outcomes

What are Critical Tasks?



DAILY DOUBLE!!!

HSEEP Exercise Evaluation Guides



Arrive on scene

Don appropriate personal protective equipment

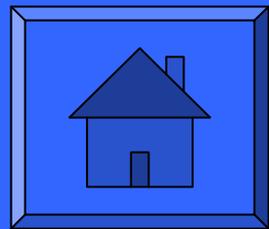
Set up equipment

Collect Information

Determine reportable quantity

Notify Incident Commander of findings

What are typical steps outlined
on an EEG for an evaluator to use
as an example when observing
response actions

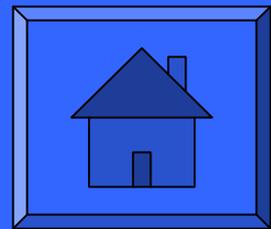


HSEEP Exercise Evaluation Guides for \$400



What happened? What was supposed to happen? If there is a difference, why? What is the impact of that difference? What should be learned from this? What corrective actions are recommended?

What are the questions evaluators should ask in analyzing observed performance and should be the basis for the improvement action matrix in the After Action Report



HSEEP Exercise Evaluation Guides for \$500

Task: _____



Issue # _____

Reference:

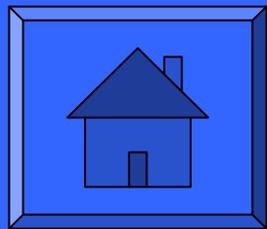
Summary:

Consequence:

Analysis:

Recommendations:

What is the format for outlining issues in the After Action Report?

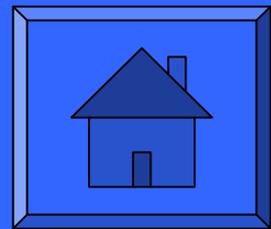


Exercise Lingo for \$100



HSEEP

What is Homeland Security Exercise and Evaluation Program?



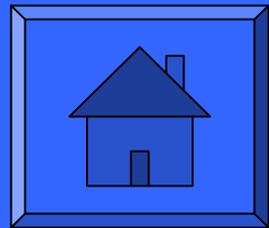
Exercise Lingo for \$200



The application of make-up to simulate realistic injuries for actors in exercises



What is moulage?

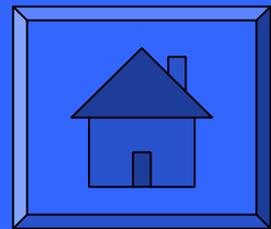


Exercise Lingo for \$300



The report following an exercise that outlines the scenario, what occurred, what gaps were identified and includes an improvement plan matrix outlining what action is required, by whom and by when

What is an After Action Report (AAR)?

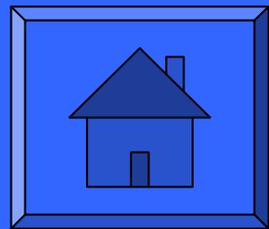


Exercise Lingo for \$400



IPC, MPC and FPC

What is the Initial Planning Conference, the Mid Planning Conference and the Final Planning Conference?

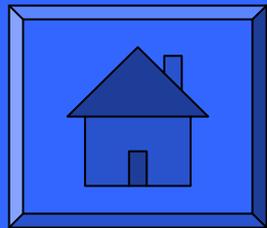


Exercise Lingo for \$500



The location set-up for “role-players” or simulators to support operations based exercises – where anyone not playing live in an exercise is simulated

What is a SimCell or a Control Cell?

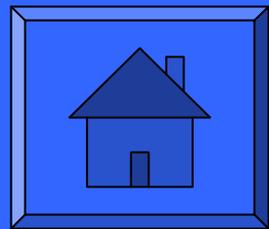


Ripley's Believe or Not for \$100



The only two sites that have
never had reportable injuries
during an emergency response
exercise

Who are Los Alamos National Laboratory and Pantex BWXT?

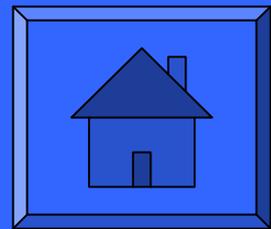


Ripley's Believe or Not for \$200



\$80,000 to \$120,000

What is the typical cost
associated with a Full Scale
Exercise?

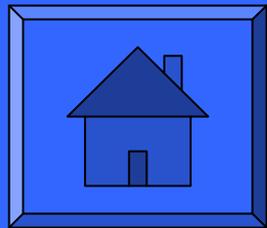


Ripley's Believe or Not for \$300



9 months

What is not only the standard human pregnancy term, but the average length of time necessary to properly prepare a full scale exercise?

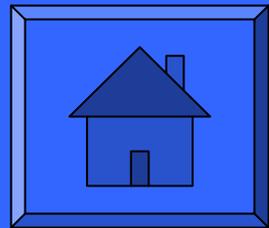


Ripley's Believe or Not for \$400



This site's exercise in 1995 resulted
in that site having to buy a home

Who is Pantex?

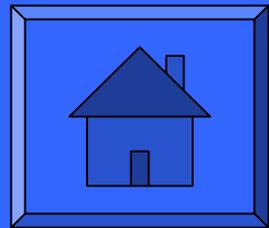


Ripley's Believe or Not for \$500



This site gave away a Fire Truck
to a neighboring community

Who is Pantex?



Final Jeopardy!!!!!!

Category is DOE Exercise Lingo

Final Jeopardy!!!!!!



LSPT and CPT

What is a Limited Scope
Performance Test and a
Composite Performance Test?



JERRY

