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Integration: Homeland Security Exercise and Evaluation Program (HSEEP) and Radiological Emergency Preparedness Program (REPP)


Technological Hazards Divisions
March 2009



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National Preparedness Policy and Guidance

- The terrorist attacks on September 11, 2001 and Hurricane Katrina changed the nation's perspective on preparedness
 - Homeland Security Act of 2002
 - Homeland Security Presidential Directive/HSPD-5 "Management of Domestic Incidents" – February 28, 2003
 - Homeland Security Presidential Directive/HSPD-8 "National Preparedness" – December 17, 2003
 - Post-Katrina Emergency Management Reform Act of 2006
 - National Preparedness Guidelines – September 2007
 - National Strategy for Homeland Security - October 2007
 - National Exercise Program




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National Preparedness Vision


- National Preparedness Guidelines; September 2007:



"A Nation Prepared with coordinated capabilities to prevent, protect against, respond to, and recover from all hazards in a way that balances risk with resources and need."
- Preparedness Cycle



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graph TD
    Plan --> Organize[Organize, Train & Equip]
    Organize --> Exercise
    Exercise --> Evaluate[Evaluate & Improve]
    Evaluate --> Plan
    subgraph Center
    CB[Capability Building]
    end
  
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National Exercise Program (NEP): Creating a Unified Exercise Strategy


- ❑ Meets requirements laid out in Homeland Security Presidential Directive 8, Homeland Security Act of 2002 and Public Law 109-295, "Post-Katrina Emergency Management Reform Act of 2006" (PKEMRA)
- ❑ Provides a national program and a multi-year planning system to focus, coordinate, plan, conduct, execute, evaluate, and prioritize national security and homeland security preparedness-related exercises activities
- ❑ Works as the primary mechanism to improve delivery of Federal preparedness assistance to State and local governments strengthening preparedness capabilities of Federal, State, and local entities





Homeland Security Exercise & Evaluation Program (HSEEP)


- ❑ The NEP provides policy guidance making HSEEP a key pillar of the homeland security preparedness exercises program
- ❑ HSEEP established a national standard providing
 - Common doctrine and 'tools' for exercise scheduling, planning/design, conduct, evaluation, assessment, and corrective actions
 - Consistent terminology used by all exercise planners
 - A platform for sharing information (LLIS)
 - 'Compliance' mechanism for State/local/tribal use of grant funds for exercises



Homeland Security Exercise & Evaluation Program (HSEEP)

- ❑ HSEEP incorporates lessons learned and best practices from existing exercise programs (including CSEEP and REPP) and can adapt to the full spectrum of all hazards exercises
- ❑ HSEEP integrates language and concepts from;
 - National Strategy for Homeland Security
 - National Preparedness Guidelines
 - National Response Framework (NRF)
 - National Incident Management System (NIMS)
 - Universal Task List (UTL)
 - Target Capabilities List (TCL)



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Homeland Security Exercise & Evaluation Program (HSEEP)

- ❑ Guiding principles of HSEEP:
 - Conduct an annual Training and Exercise Plan Workshop and develop and maintain a Multi-year Training and Exercise Plan.
 - Plan and conduct exercises in accordance with the guidelines set forth in HSEEP Volumes I-III and the "HSEEP Prevention Exercises" volume as applicable.
 - Develop and submit a properly formatted After-Action Report/Improvement Plan (AAR/IP).
 - Track and implement corrective actions identified in the AAR/IP.

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Radiological Emergency Preparedness Program (REP)

- ❑ 44 CFR provides criteria for review and approval of State and local radiological emergency plans and preparedness
- ❑ NUREG-0654 includes 16 planning standards that provide for "reasonable assurance that public health and safety is not endangered by operation of the facility concerned"
- ❑ The REP Exercise Preparation Guide provides assistance to exercise planners and evaluators in preparing for a radiological emergency response exercise.

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Radiological Emergency Preparedness Program

- ❑ Nearly 30 years of history, provided a foundation for development of NEP and HSEEP
- ❑ Multiple requests – Federal/State/local 'integrate HSEEP and REPP to achieve efficiencies'

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REP - HSEEP Integration

What it does:

- Compliance with elements of HSPD-5, HSPD-8 and PKEMRA
- Furthers nationwide standardization for exercise design, conduct, evaluation, and improvement planning
- Integrates scheduling of REP exercises with other Federal, State, and local exercises under the National Exercise Program 5-year Plans and Schedules
- Provides an opportunity to reduce Federal, State, and local exercise fatigue by combining multiple requirements into fewer total exercises
- Provides a suite of standardized tools for scheduling, planning, information sharing, evaluation/corrective action
- Requires active ownership by REPP, State/local/Tribal, and industry partners in order to be successful

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REP - HSEEP Integration

What it does not:

- HSEEP does not establish additional exercises requirement for REPP
- HSEEP does not require additional activities that will add to the cost of a REPP exercise
- Require REPP to abandon existing evaluation criteria or to adopt TCL methodologies
- Require new capabilities or restrict development and implementation of NUREG/REP 1 requirements.



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REP – HSEEP Integration Progress Since September 2008


- Document Review
- Training Course Review
- Scheduling Integration
- Pilot Exercises



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Document Review


- Review, update, and align all REP exercise related directives with HSEEP
 - 44 CFR Part 350.9
 - NUREG-0654/FEMA-REP-1, Supp 4
 - REP Exercise Preparedness Guide
 - Incorporate HSEEP into REP Program Manual
- Review, update, and align all HSEEP exercise related directives to ensure inclusion for REP requirements
 - HSEEP Volumes 1- IV
 - REP participation in NED HSEEP Workshops





Training Course Review


- Review and Align all REP & HSEEP training courses
- Review & Crosswalk HSEEP IS-130 (Exercise Evaluation & Improvement Planning) and REP IS-331 (Introduction to Radiological Emergency Preparedness Exercise Evaluation)
- Review & Crosswalk HSEEP G-130 (Practical Exercise Evaluation & Improvement Planning) and REP E/L-304 (Practical Exercise Evaluator Training)
- Make HSEEP courses available to the REP community regionally



Scheduling Synchronization

- NRC/FEMA Regional Coordination
 - Establish regional REP priorities
 - NRC/FEMA Regional REP scheduling meetings
- Align exercise scheduling efforts
 - Coordinate regional REP priorities with NEP
 - NEP FEMA Regional Training and Exercise Planning Workshops (TEPW)



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Pilot Exercises

- Pilot exercises that follow the HSEEP doctrine, adhere to REP criteria and validate REP – HSEEP integration
 - Palo Verde – March 2009
 - San Onofre – September 2009
 - Browns Ferry – November 2009
- HSEEP available for use during any REP exercise
 - HSEEP Formatted Documents
 - HSEEP Exercise Evaluation Guide
 - HSEEP Tools

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REP – HSEEP Integration Challenges

- Consistency – leadership challenge, must be led by NRC/FEMA REPP Personnel (HQ and Regions) and Industry
- REP stakeholder community engagement and acceptance
- Organize a Task Force (F/S/L/Industry) to establish a plan of action an milestones for REP/HSEEP integration
- Consider the Federal rulemaking process and associated timeframes
- Develop procedures to guide 'constructive credit' needs of all preparedness assessments (exercise and real world)
- Funding - Utility funded vs. DHS grant funded exercise activities


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REP – HSEEP Integration Challenges

- In-depth revisions required to NUREG-0654, REP Program Manual, REP documentation, and REP evaluation guides
- Incorporate REP requirements and best practices into HSEEP documentation review
- Incorporate REP regulatory concerns into the Target Capabilities List (TCL) update effort
- Establish a more comprehensive, standing evaluation capability
- Develop concepts and procedures that synchronize REP exercises with the National Exercise Simulation Center (NESC) concept

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Questions?



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FEMA RADIOLOGICAL EMERGENCY PREPAREDNESS

