



Federal Issue Session

U.S. Nuclear Regulatory Commission
Division of Preparedness and Response
NREP 2007



Enhancements to EP Regulations and Guidance

- The staff conducted a review of the state of emergency preparedness (EP)
 - Enhancements were warranted
 - SECY-06-0200, “Results of the Review of Emergency Preparedness Regulations and Guidance” was issued
 - Commission directed the staff to take specific actions
 - Additional outreach planned for all stakeholders
 - Currently developing a Rulemaking Plan
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New Reactor Licensing

- Energy Policy Act of 2005 (EPAct) paves the way for decisions to build new advanced light water reactor nuclear plants
 - Significant stakeholder interest, including Congress
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Enhancing the Drill & Exercise Program

- NRC-driven initiative (Bulletin 2005-02)
 - Regulatory Issue Summary (RIS) 2006-12, Endorsement of Nuclear Institute Guidance, “Enhancements in EP Programs for Hostile Action” (July 18, 2006)
 - NEI 06-04, “Guideline for the Development of EP Drill and Exercise Threat-Based Scenarios
 - Commission direction in SRM M060502- to pursue a Wide Spectrum of Scenarios
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NRC Interaction with States During Drills & Exercises

- We know that there have been challenges with our interactions with States during drills/exercises especially in the southeast
 - We are working internally to improve our performance
 - We want to partner with the States to address this issue
 - Better recent interactions
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NRC Interaction w/States During Drills & Exercises, Cont'd.

Our involvement runs on parallel paths:

- What can we **offer** the States?
(Support and the ability to communicate with other federal resources)
 - What do we **need** from the States during an event?
(Nature of the event, Immediate Challenges/Look ahead strategies)
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NRC Interaction w/States During Drills & Exercises, Cont'd.

- The NRC's commitment to you:
 - Open and honest, two-way dialog (before, during and after exercises and events)
 - Provide assistance to State officials as requested
 - Develop a variety of venues to obtain feedback, for our partners to critique NRC response, and seek lessons learned following drills and exercises
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Protective Action Recommendation Study

- Background
 - 2004 initiated a project with Sandia National Laboratories entitled “Review of NUREG-0654, Supplement 3, Criteria for Protective Action Recommendations for Severe Accidents”





Protective Action Recommendation Study, Cont'd.

- The staff conducted a series of public and emergency worker focus groups at: Duane Arnold, San Onofre, Limerick, St. Lucie and Seabrook.
 - The emergency worker focus groups largely consisted of police and paid fire department personnel
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Preliminary Results

- Radial evacuation remains the major element of PAR strategy.
 - Shelter-in-place (SIP) is more protective than evacuation for rapidly developing releases if followed by evacuation after plume passage.
 - The appropriate PAR is dependant upon the site evacuation time estimate.
 - Staged evacuation (i.e., initial evacuation of inner areas) reduces consequences.
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Preliminary Results Cont'd

- The public prefers to evacuate rather than shelter
 - Emergency Responders will report for duty
 - Infrastructure for evacuation needs to address growth in the area
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Next Steps

- Public telephone survey
 - instrument to determine likely public reaction to protective action direction and the implementation of alternative protective action regimens

 - Any questions contact Randy Sullivan at 301-415-1123 or rxs3@nrc.gov
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Public Outreach

- Vision/Mission
 - Engage in cooperative efforts with stakeholders to enhance relationships.
 - Communicate NRC's roles, responsibilities, and capabilities in emergency preparedness and incident response.
 - Solicit and be responsive to stakeholders' ideas and needs.
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Status of KI Activities

- NRC sent letters to States Oct 2006 regarding one time offer of replenishment
 - NRC held teleconferences w/States to determine replenishment needs
 - FDA sent letter to NRC on shelf life extension
 - Some States have chosen to extend, some to replenish, some deciding
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Status of KI Activities, Cont'd

- NRC Letter dated March 9, 2007, to States announcing partnership with HHS for additional distribution of liquid KI
 - One bottle per household
 - Shelf life of product 2010-2011 time frame
 - Immediate availability
 - Palatable and easy to dose
 - Available in individual boxes with all necessary information
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