



Update: Changes and Innovations in REP Exercises

“Summary of Focus Group Comments”

National Radiological Emergency
Preparedness (NREP) Conference
April 21, 2009

Joseph D. Anderson, Branch Chief
U.S. Nuclear Regulatory Commission
Office Nuclear Security & Incident Response



Exercise Scenario Task Force

❑ Tasked with:

- Recommending potential enhancements to REP exercise scenarios, and
- **Engaging REP program stakeholders.**

❑ Focused proposed enhancements in these areas:

- Reducing response organizations' exercise pre-conditioning by identifying means of avoiding the predictability of exercise events and timing.
- Enhancing REP response capabilities based on post 9/11 security initiatives by introducing hostile action-based (HAB) scenarios into the REP exercise cycle.
- Providing for options to vary the amount and type of simulated radioactive releases during exercise play.



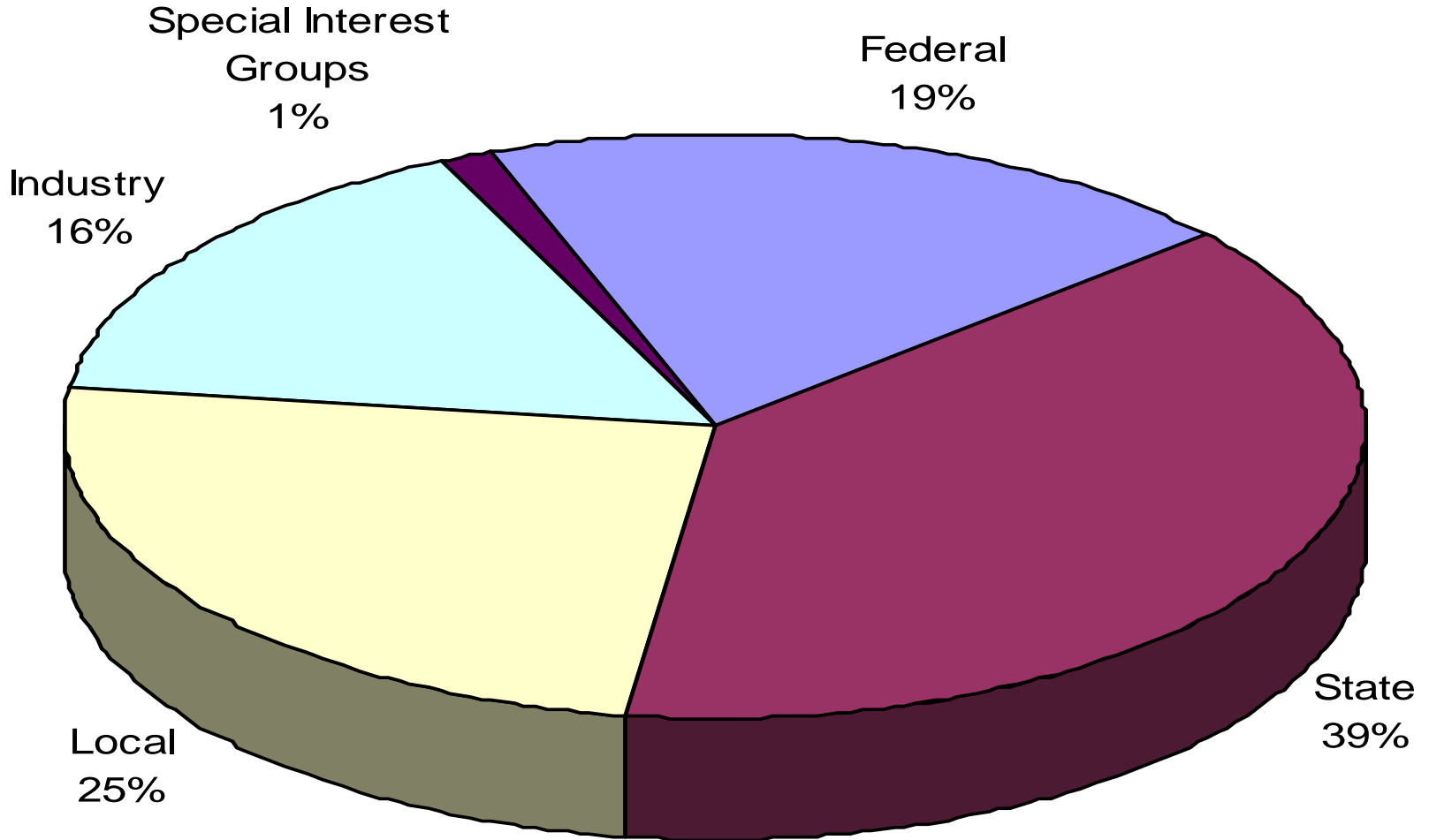
FEMA-Sponsored Focus Groups



REGION I	Fairlee, VT (May 6)	REGION V	Silver Lake, MI (June 24)
REGION II	Albany, NY (July 24)		Mentor, OH (July 10)
	West Trenton, NJ (Aug 5)		Madison, WI August 6)
REGION III	Reisterstown, MD (June 18)		Morris, IL (August 12)
REGION IV	Destin, FL (June 17)		St. Paul, MN (August 20)
	Chattanooga, TN (July 18)	REGION VI	Denton, TX (May 28)
	Forsyth, GA (July 30)	REGION VII	Kansas City, MO (Aug 7)
	Charlotte, NC (August 13)	REGION IX	Rosemead, CA (May 14)
	Pearl, MS (August 19)		San Luis Obispo, CA (May 15)
			Phoenix, AZ (July 30)
		REGION X	Pasco, WA (May 21)

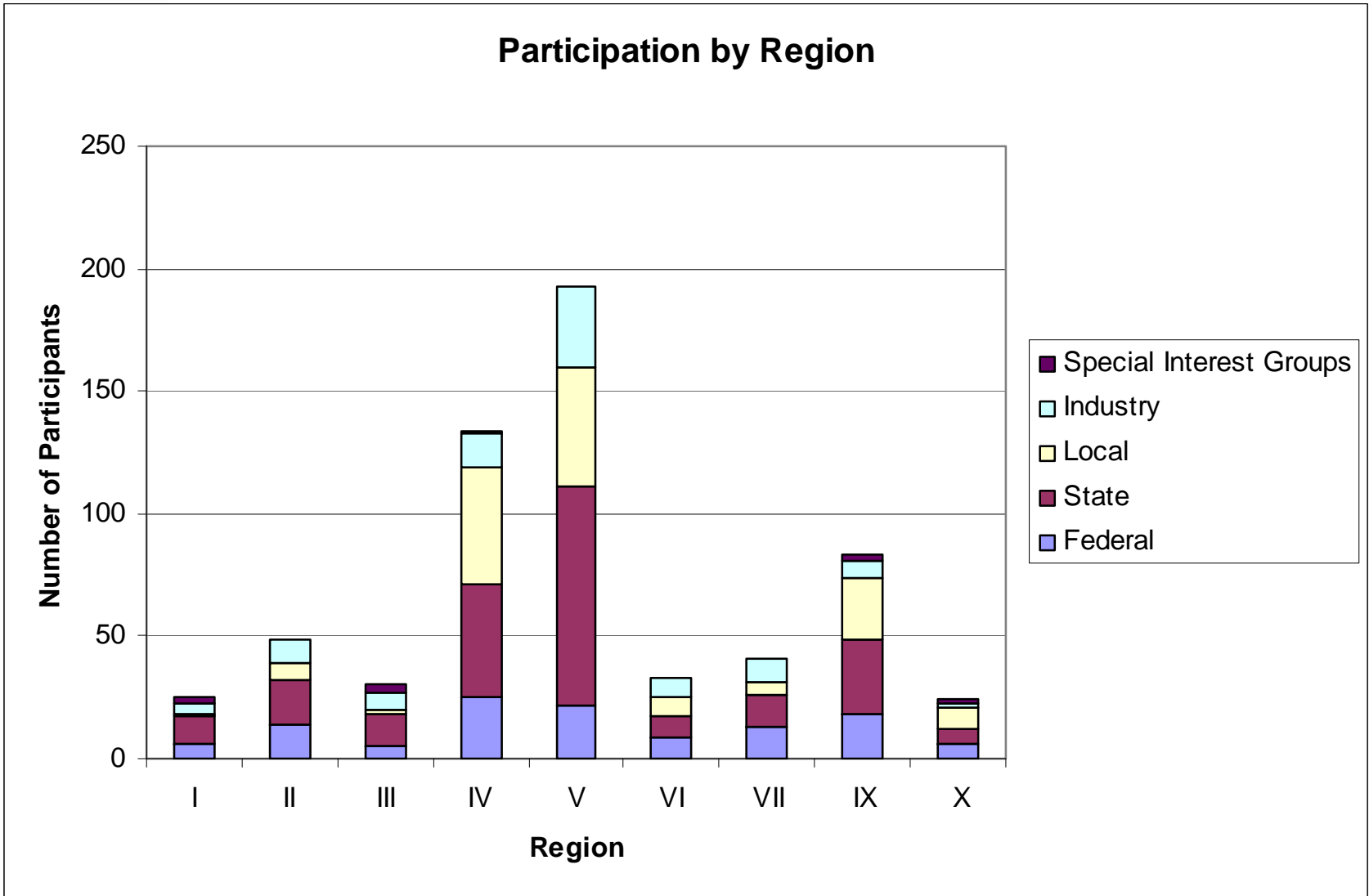


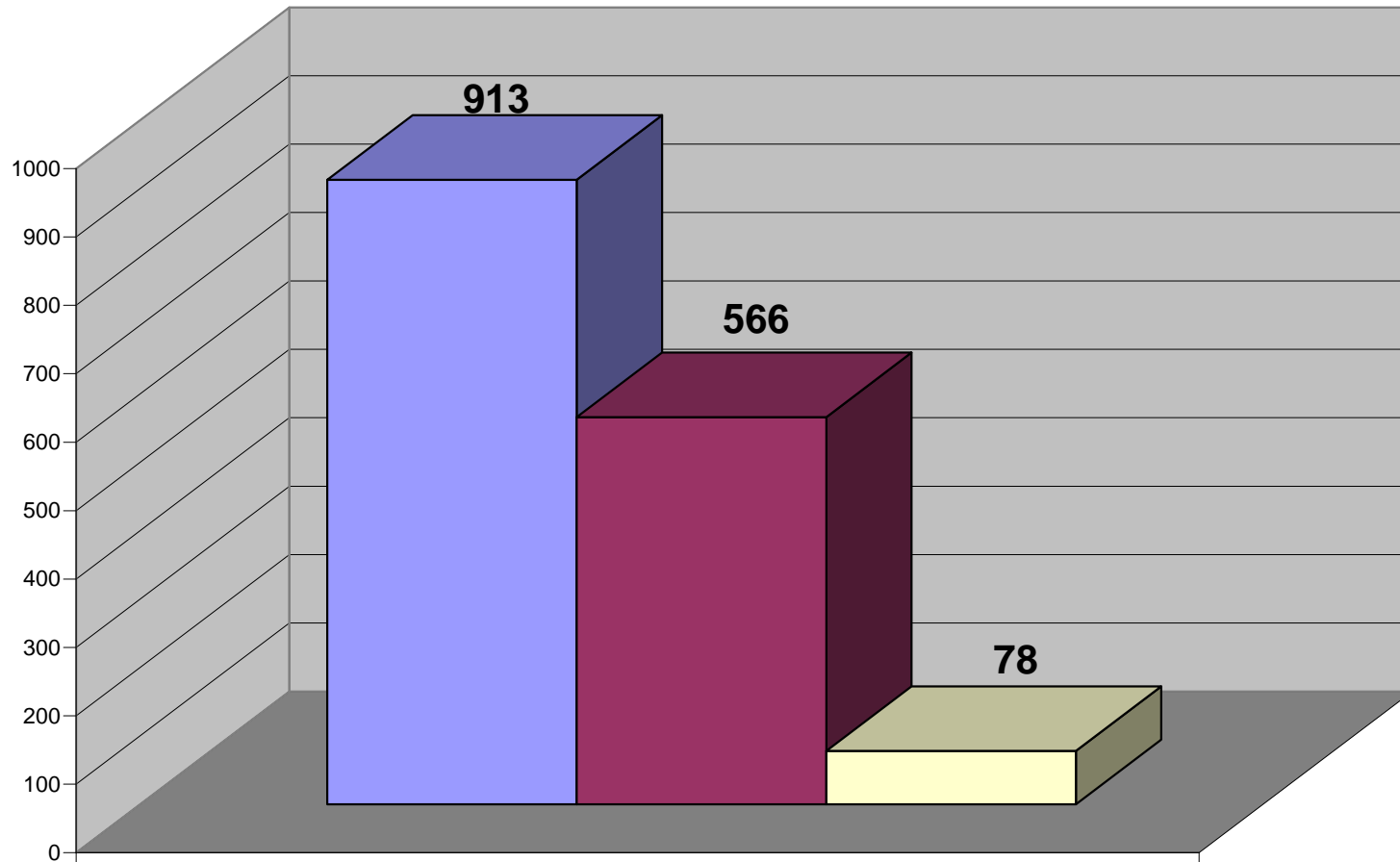
Total Participation





Participation by Region

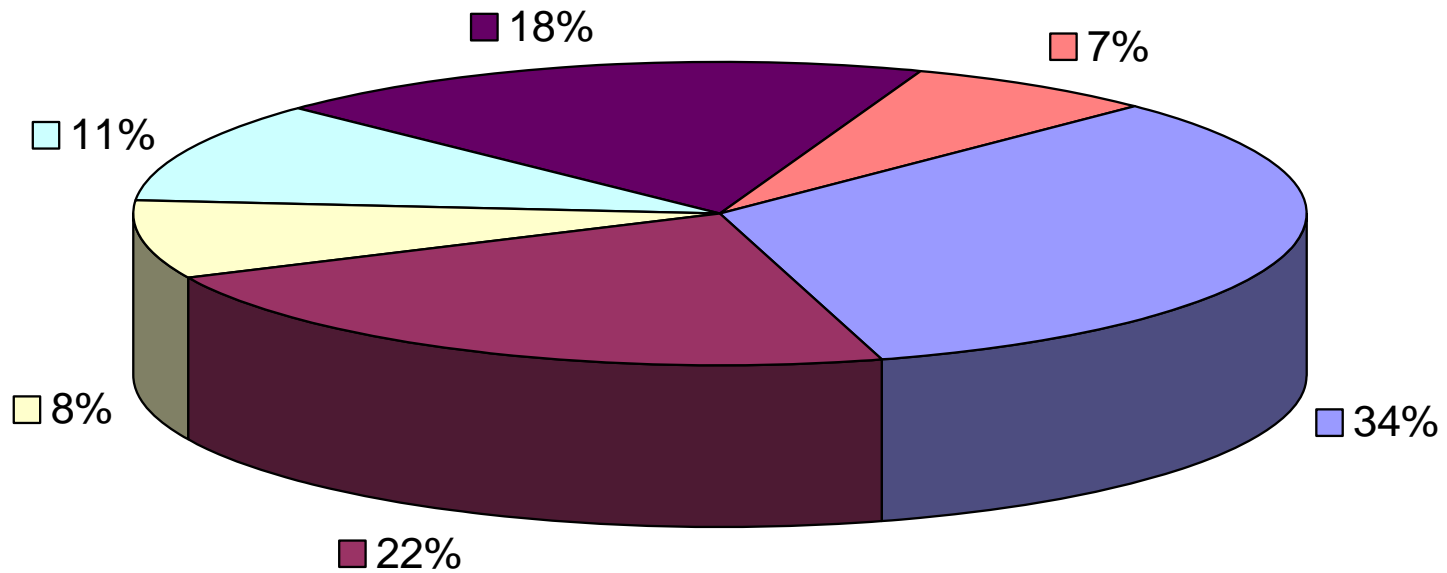




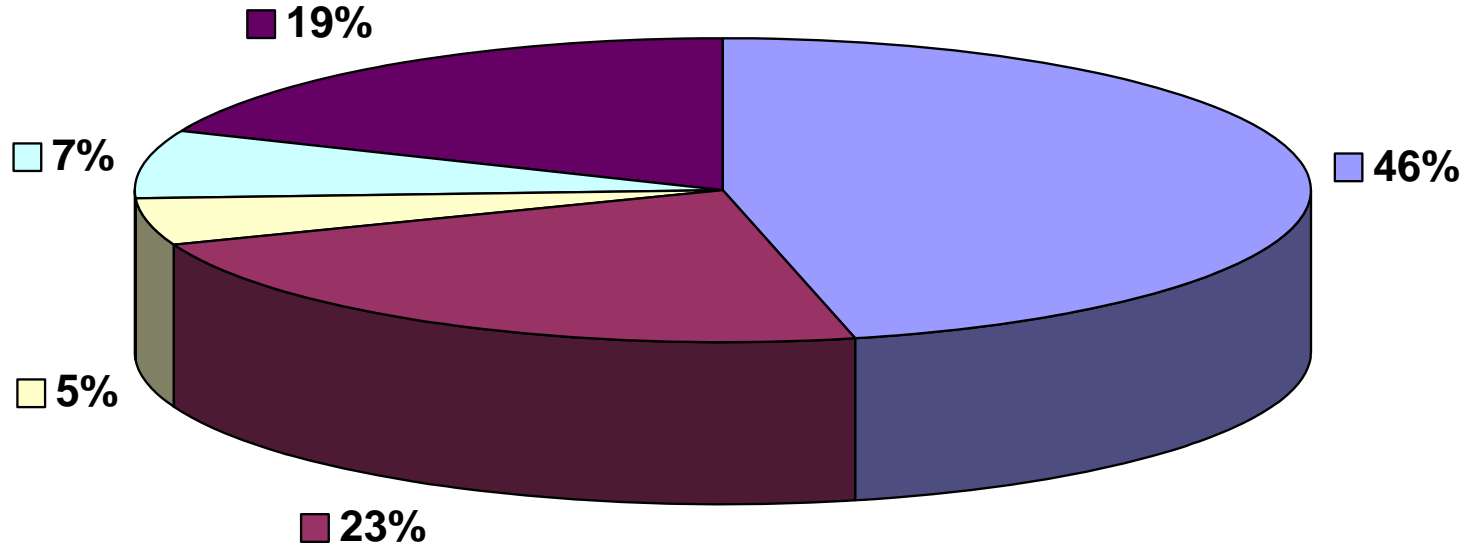
Overall Comments Received by Subject Area

■ Changes to Scenarios
■ Additional Discussion

■ Changes to Evaluation Areas



- Rapid Escalation of ECLs and the GE Requirement
- Requiring varying release options/Allowing no-release scenario
- Allowing varying release and meteorological conditions
- Incorporating all-hazards into REP exercises
- Requirements for HAB scenarios
- Implementation of TF Changes



- 1 – Emergency Operations Management
- 2 – Protective Action Decision Making
- 3 – Protective Action Implementation
- 4 – Field Measurement and Analysis
- 5 – Emergency Notification and Public Information

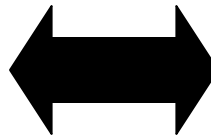


Maintaining Alignment: Crosswalk of FEMA and NRC Documents

FEMA

REP Program
Manual

Supplement 4
to NUREG-0654



NRC

NRC Rulemaking

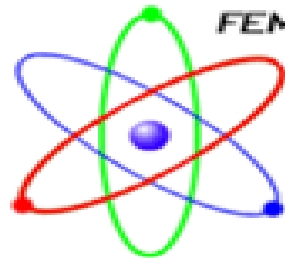
Interim Staff
Guidance



FEMA



FEMA



FEMA RADIOLOGICAL EMERGENCY PREPAREDNESS

REP



Homeland Security