NIOSH/NPPTL Public Meeting to Discuss Powered Air Purifying Respirator Standards Development Efforts Used for Respiratory Protection Against Chemical, Biological, Radiological, and Nuclear (CBRN) Agents

Radisson Hotel
Morgantown, WV
October 16, 2003
Welcome

Mr. Richard Metzler,

Director, National Personal Protective Technology Laboratory, NIOSH
CBRN Respirator Standards Development

- Emergency Responder PPE needs
  - Firefighter self-contained breathing apparatus urgently needed
  - APR (gas masks) also needed for warm zone

- National Science Foundation/RAND
  - NYC public meeting – December 2001
    Critical missions analysis
  - Structural collapse PPE guidelines

- Rand report 2003
  - CBRN respirator guidelines
  - Emergency responder technology roadmap
  - Guidelines for structural collapse

Link to Rand report:
http://www.rand.org/publications/MR/MR1646
CBRN Respirator Standards

- Standards Completed
  - SCBA – January 2002
  - SCBA upgrades – March 2003
  - Gas masks –March 2003
  - Escape sets – October 2003

- Standards in Development
  - PAPRs
  - Integrated SCBA/PAPR
  - Integrated SCBA/APR
  - Closed-circuit SCBA
Quality Partnerships Enhance Worker Safety & Health