

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



Workplace
Safety and Health



Welcome

Mr. Richard Metzler,

Director, National Personal Protective
Technology Laboratory, NIOSH

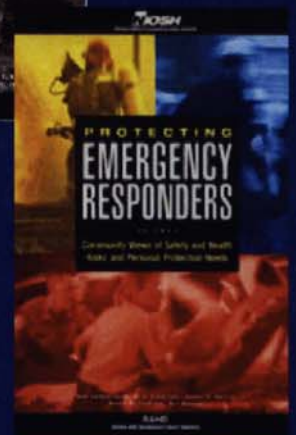
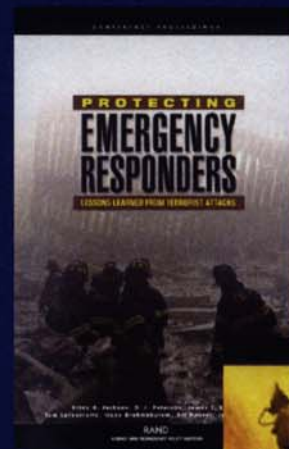
CBRN Respirator Standards Development

- 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/CF/CF176/index.html>

<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

