NIOSH/NPPTL Public Meeting

Powered Air Purifying Respirator Standards Development Efforts for
Respiratory Protection against
Chemical, Biological, Radiological, and Nuclear (CBRN) Agents

Hilton Garden Inn, Canonsburg, Pa
May 4, 2004
Welcome

Richard Metzler
Director, National Personal Protective Technology Laboratory
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
NIOSH Approved CBRN SCBA

- InterSpiro, USA – Twelve approval numbers
- Scott Health & Safety – Fourteen approval numbers
  - CBRN upgrades – Eight approval numbers
- Mine Safety Appliances Company (MSA) – Four approval numbers
  - CBRN upgrades – Eight approval numbers
- Draeger Safety Incorporated – Three approval numbers
- International Safety Instruments – Three approval numbers
- Survivair – Three approval numbers

Approved models are identified by TC-number at:
http://www.cdc.gov/niosh/npptl/cbrcHECK.html
NIOSH Approved CBRN APR

- Mine Safety Appliances Company (MSA) — One approval number
- 3M Company (3M) — One approval number

Approved models are identified by TC-number at:
http://www.cdc.gov/niosh/npptl/cbrnaprcheck.html
CBRN PAPR Concept Evolution

- Initial Concept Paper and Public Meeting October 2003
- Consideration of Public Meeting, Stakeholder Comments, Docket Comments 2004
- Revised Concept Papers February and April
- Public Meeting May 2004
CBRN Standards Partnerships

- Workshops/Committee Meetings
  - NIOSH-DOD-OSHA Chemical-Biological Respiratory Workshop & Report (March 1999)
  - Interagency Board Standards & PPE Committees

- Cooperation among NIST, RDECOM, OSHA, NIOSH, NFPA, and DHS

- Development of RIA's with NIST and RDECOM

- Initial and Continuing Funding from NIST-NIH/NIST-DHS/CDC

- RDECOM Technical Support for Testing
Quality Partnerships Enhance Worker Safety & Health