

Chemical and Biological Defense

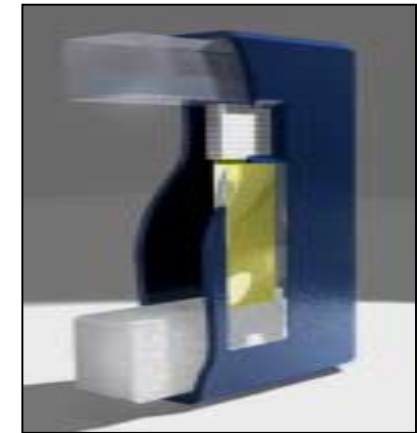


Technology Development and Demonstration

- Wearable device, providing warning unexpected hazards
 - ⇒ Personal Alarm Monitor (PAM)
- Warning system for subways
 - ⇒ In Washington, DC
 - ⇒ Being exported (Chicago, Boston, etc.)
 - ⇒ Part of DOE PROTECT Program



Sensor Installation in Subway



Sectional View of PAM Prototype Concept

Standards Development

- Responder equipment standards suite
 - ⇒ First guide released Oct. '00
 - ⇒ First standard (SCBAs) Jan. '02



Chemical Facility Vulnerability Assessment

- Methodology to assess chemical facilities vulnerability
- Report released Jun. '02

Domestic Threat Assessment

- Identify agents most likely to be used
 - ⇒ Chemical and biological
 - ⇒ Collaboration with TSWG & FBI
 - ⇒ Final report in FY'03