Terrorist attacks targeting the built environment are a critical and compelling issue to the nation, especially to building designers, owners and managers and first responders.

Multiple hazards and threats intersect within a building, and critical questions concerning the danger of chemical, biological or radiological (CBR) attacks remain. This broadcast will address questions of design, construction and operation of buildings. The primary goal is to address the key issues related to building protection from CBR incidents and draws heavily from ASHRAE’s most credible and timely reports and publications.

This free broadcast from the studio of WETA public television in Washington, D.C., is intended to reach a cross-section of professionals, including engineers, architects, building owners and managers, fire, police, medical responders, public safety officers, risk managers and other key personnel.

DVDs will be produced and made available for sale and for use by ASHRAE chapters.

Information on downlink sites is available on ASHRAE.org. Please check periodically for updated downlink locations. http://www.ashrae.org/template/AboutLinkLanding/category/1561
Chair—Ronald P. Vallort, P.E.—Introductions

Segment One—Noon EST

• Keynote
D.A. Henderson, M.D., M.P.H.
Founding Director of the Center for Civilian Biodefense Studies,
Johns Hopkins Bloomberg School of Public Health
Former Director of the World Health Organization Global Smallpox Eradication Campaign
The Threat to Building Occupants

• Welcome and ASHRAE Views
Richard H. Rooley, FREng., ASHRAE President
ASHRAE’s role in Homeland Security and the purpose of this broadcast

• January 2003 ASHRAE Report Summary and Building Codes and Standards
Lawrence G. Spielvogel, P.E.
ASHRAE reports and Homeland Security-related codes and standards

• HVAC and Refrigeration Systems
William J. Coad, P.E.
Homeland Security issues related to design and operation of HVAC&R systems in existing and new buildings

Segment Two—1:30 P.M. EST

Protecting Buildings from CBR and Associated Threats

• Ventilation and Pressurization
Andrew K. Persily, Ph.D.
Design and operation of HVAC ventilation and pressurization systems to protect occupants

• Filtration and Air Cleaning
H.E. Barney Burroughs
Design, operation and maintenance of filtration systems and application in refuge areas

• Personal Protection
Ralph F. Goldman, Ph.D.
Personal CBR protective systems and equipment and their effectiveness

Questions—Ronald P. Vallort, P.E.
Phone, fax or email questions during the broadcast only to:
WETA Toll-free telephone: 1-888-493-9382
FAX: 703-998-2706
E-mail: videoconference@weta.com

How To Register Sites

100 PAOE Points are awarded to ASHRAE chapters that host this broadcast.

Group Name: ____________________________________________________________
Contact Person: __________________________________________________________
Address: __________________________________________________________________
________________________________________________________________________
________________________________________________________________________
Phone: __________________ Email: __________________
Where is downlink site located: ____________________________________________
Room Capacity: __________________ Open to the Public? ________________
Special Security? ______________________________________________________

WETA’s “trouble number” in their transmission control room for satellite viewers on the day of the program will be 703-998-2675. WETA can provide only limited help at that time due to the variety of different models of satellite receivers. Anyone who does not know how to tune their satellite dish at all should contact the person who installed their system prior to April 14 for instructions on how to tune into the correct satellite and channel.

The broadcast will shown on the following satellite channels:

Wednesday, April 14, 2004
Test time: 11:30 a.m.-noon
Live program: Noon-3 p.m.
(3.5 hours total time on each satellite)

Ku-band satellite information:
AMC-9, Transponder K15
85 degrees west
Downlink frequency: 12000 Vertical
Audio: 6.2 and 6.8

C-band satellite information:
AMC-3, Transponder C19
87 degrees west
Downlink frequency: 4080 Horizontal
Audio: 6.2 and 6.8

Fax this form to ASHRAE’s Washington Office at 202-833-0118 or
Email to: patriciaryan@ashrae.org

ASHRAE
1828 L Street, NW, Suite #906
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Phone 202-833-1830
Fax 202-833-0118

ASHRAE, founded in 1894, is an international organization of 55,000 persons. Its sole objective is to advance through research, standards writing, publishing and continuing education the arts and sciences of heating, ventilation, air conditioning and refrigeration to serve the evolving needs of the public.