OBJECTIVE AND SCOPE

Non-lethal defense has emerged as a potent new means of applying force and giving commanders a wider array of options. The purpose of non-lethal defense is to inhibit an enemy's ability to prosecute a war or engage in other hostile actions. Non-lethal defense is an approach that explores options for attacking targets of strategic value, including non-traditional foes such as terrorists and international drug traffickers.

Non-lethal weapons offer new options to meet rapidly changing security requirements for the United States. These devices are providing for the first time a wide range of choices for planners negotiating the drastically changing security challenges confronting the United States.

Non-lethal concepts currently are being developed by the U.S. Army, Air Force, Navy and Marine Corps. The focus is on providing technologies that support conventional operations and have applicability across the continuum of conflict. Many of these techniques are designed to degrade the threat infrastructure in support of parallel warfare objectives.

Different organizations have different approaches to the concept of non-lethal defense as well as use of different terminology. In essence, non-lethal defense is an emerging technological option being developed conceptually with a sea of technical opportunity.

The purpose of this Conference is to bring together industry, government, and academia to explore the potential of non-lethal defense and identify requirements so that the defense community can work together in leveraging the non-lethal concept. Industry, particularly, will benefit from a more precise understanding of requirements and operational constraints regarding non-lethal defense technologies. All attendees will have the opportunity to embrace a new perspective in international relations.

The Conference Sessions Are Secret, U.S. Only
GENERAL INFORMATION (cont.)

ACCOMMODATIONS:
Columbia Inn
Winthrop Circle
Columbia, MD 21044
Phone: (410)730-3900
1-800-638-2817

You must contact the hotel directly to make room reservations. Refer to the ADPA Conference to receive the following group rates:

Rates: $79.00 Single
$94.00 Double

All rates are subject to 10% state and occupancy taxes. Cut-off date is October 25, 1993 to assure room availability.

TRANSPORTATION:
Refer to the attached map for the hotel and APL Kossiakoff Center locations. Bus service will be provided from the Columbia Inn to the Conference site. Ample parking is available at the Johns Hopkins APL Kossiakoff Center.

A shuttle runs from BWI Airport to the Columbia Inn and the fee is $16.00 one way. It is best to call in advance at 410-381-2772 or 1-800-776-0323 outside of Maryland.

FEES:
Registration fees for the meeting are $330 ADPA industry members and $380 for ADPA industry non-members and $150 for Government and Academia. Fees include banquet, lunches, coffee/soda breaks, and other logistical and administrative expenses.

LATE REGISTRATION:
For industry registrations received after November 8, 1993 or industry registrations at the door, the fee will be $380 member ADPA, $430 non-member ADPA. Payment at the door will be accepted by credit card, check, and cash.

REFUNDS/CANCELLATIONS:
There will be no refund for cancellations after November 8, 1993. For those cancellations received before this date there will be an administrative handling fee of $50 deducted from the refunded amount.
AGENDA
TUESDAY, 16 NOVEMBER 1993

7:00AM  Registration Opens, Kossiakoff Center Exhibits Open

8:30AM  Welcome & Introductory Remarks
         MG William E. Eicher, USA (Ret.)
         Vice President, ADPA

8:45AM  Opening Address
         GEN E.C. "Shy" Meyer, USA (Ret.)
         Former Chief of Staff, U.S. Army

9:15AM  Non-Lethal Defense Technology
         Dr. John Alexander
         Los Alamos National Laboratory

9:45AM  OSD Perspective
         TBD

10:15AM BREAK

10:45AM Peacekeeping & Peace Enforcement Operations
       Ms. Sarah Sewall, Deputy Assistant Secretary
       of Defense for Peacekeeping & Peace Enforcement

11:15AM National Institute of Justice "Less-Than-Lethal" Program
       Mr. David Boyd, NIJ Director of Research & Technology

12:00PM LUNCH
       Speaker: LTG Richard G. Trefry, USA (Ret.)

1:30PM  Incremental Aggression: Requirements for the Future
         Dr. Dan Goure, Deputy Director, Political-
         Military Studies CSIS, and Former Director of
         Competitive Strategies OSD

2:30PM  BREAK
3:00 - 5:00 PM  Services & Special Operations Perspectives

- Army
LTG William H. Forster, USA
Military Assistant to the Assistant Secretary of the Army, (Research, Development & Acquisition)

- Navy
VADM William A. Owens, USN
Chief of Naval Operations (Resources, Warfare Requirements & Assessments)

- Air Force
Maj Gen Kenneth Minihan, USAF
Commander, Air Force Intelligence Command

- Special Operations
GEN Carl Stiner, USA (Ret.) (invited)
Former CINC Special Operations Command

6:00 PM  Reception in the Exhibit Area
Kossiakoff Center

7:00 PM  Banquet
Guest Speaker: Dr. Edward Teller

WEDNESDAY, 17 NOVEMBER 1993

7:00 AM  Registration Opens
Exhibits Open

8:30 AM  Technical Evaluation – Strategies to Tasks
Dr. David Ochmanek, Deputy Assistant Secretary Defense for Strategy

9:00 AM  RF Weapons: A Very Attractive Non-Lethal Option
Dr. George Baker, Assistant for Program Development, Defense Nuclear Agency

9:30 AM  ARPA Perspective
Dr. James Richardson, Special Assistant to the Director

10:00  BREAK

10:30 AM  Future Technology Conference Report (Quantico, VA 31 Aug. 2 Sep 93)
Mr. Steve Small, Arms Program Liaison, Joint Services Small Arms Program

10:50 AM  Simulation & Modelling: Key to Non-Lethal Weapons
Mr. Andy Andrews, Non-Lethal Project Leader, Los Alamos National Laboratory

11:10 AM  Technology Presentations

- Acoustic Technology
Dr. John Dering, Scientific Applications Research Associates (SARA)

- High Power Microwave Technology
Dr. Henry Brisker, U.S. Army Research Laboratory

- Battlefield Optical Munitions
Dr. Martin Pitch, Los Alamos National Laboratory

- One Container Sticky Foams
Dr. Peter B. Rand, Sandia National Laboratory

- Application of Extremely Low Frequency Electromagnetic Fields to Non-Lethal Weapons
Dr. Clay Easterly, Oak Ridge National Laboratory

- Non-Lethal Weapons
Dr. Milt Fonger, Lawrence Livermore National Laboratory

12:00 PM  LUNCH
Speaker: The Honorable Janet Reno
Attorney General of the United States

1:30 PM  Technology Presentations

- Voice Synthesis
Dr. Dave Morgan, Lockheed-Sanders

- Airbag Restraint Technology
Ms. Donna Mars, Idaho National Engineering Laboratory

2:30 PM  BREAK