



# TERRORISM PREPAREDNESS

**T**he FDNY Center for Terrorism and Disaster Preparedness (CTDP) provides organizational strategy, operational planning, information-sharing and administrative support to ensure terrorism and disaster preparedness efforts meet the Department's needs. Fiscal Year 2006 was the first full year of operations for the CTDP and there were many accomplishments from each of the CTDP's four main functional units.

**Strategic Management:** During FY 06, the Strategic Management Unit established the organizational framework for the CTDP, including developing templates and data bases for collecting, organizing and reporting preparedness activities. These management tools enable the FDNY to provide detailed cost reports on Department of Homeland Security (DHS) grant spending, track improvements in efficiency and monitor member participation in preparedness activities. The Strategic Management Unit also performed extensive research of federal government, military and international fire service and emergency management documents to develop a draft FDNY Terrorism and Disaster Preparedness Strategy. This document establishes a Department-wide organizational framework for evaluating preparedness levels and managing preparedness initiatives. The final document will be released in 2007.

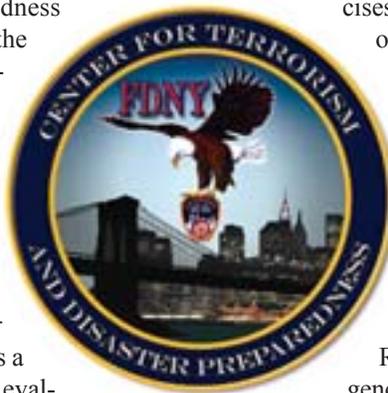
**Risk Assessment and Target Hazards:** The Risk Assessment and Target Hazard (RATH) Unit gathers information on all elements of risk to New York City's critical infrastructure and key resources to identify target hazards, prioritize preparedness efforts and develop tactical response plans for specific structures. In FY 06, the RATH Unit collaborated with the Bureau of Fire Prevention to establish the information needs and requisite data formats for gathering structural information from the field. The RATH Unit also worked with the Army Corps of Engineers and Department of Transportation to produce a bridge operations

guide, which will enable commanders to identify signs of weakened structural integrity during incidents on City bridges.

**Exercise Design:** The Exercise Design Unit designs, conducts, evaluates and provides after-action reports for intra- and inter-agency tabletop, functional and full-scale exercises in collaboration with FDNY field personnel, outside agencies and the private sector. During FY 06, the Exercise Design Unit designed and conducted 15 stand-alone exercises, while collaborating on numerous other exercises, including four IMT functional exercises, the BioPod full-scale exercise and several EMS tabletop exercises.

Thousands of FDNY members participated in one or more of these exercises. Additionally, the exercises included hundreds of participants and observers from other agencies, including the NYPD, OEM, MTA, Port Authority, Department of Corrections, Coast Guard, U.S. Marine Corps, U.S. Forest Service, American Red Cross and numerous individuals from the private sector.

**Emergency Response Plans:** The Emergency Response Plan Unit produces and updates emergency response plans on all-hazard topics--based on field requests, training issues, current threats, national priorities and private sector requests--to augment or replace current procedures and provide both general and detailed tactical direction for responding to terrorist events and natural disasters. In FY 06, the CTDP, in conjunction with HazMat Operations, finished and distributed the Radiological Operations addendum for the Department's general Emergency Response Plan. Other emergency response plans and addendums completed during FY 06 involved response to biological attacks and protocols for responding to improvised explosive devices. The Emergency Response Plan Unit also helped to manage a comprehensive Under River Transit System study on the vulnerability of New York City's transit facilities to terrorist events. This was the continuation of a group proj-





## FDNY Terrorism & Disaster Preparedness Exercises, Funded through the Department of Homeland Security

### Tabletop Exercises

- **Verrazano Bridge**--A collision on the bridge at the Staten Island tower on the Staten Island-bound upper level prompts a Fire/EMS/Haz-Mat response.
- **Red Hook with U.S. Marine Corps CBIRF**--A fire and possible explosion on a container ship docked at the terminal prompts a Fire/Marine/EMS/USMC chemical, biological incident response.
- **High-Rise Building**--High-rise fire with radiation readings initiates a weapons of mass destruction response by Fire/EMS/Haz-Mat units.
- **Plane Crash**--A Boeing 757 jet with 165 passengers aboard takes off from LaGuardia Airport and crashes into a Queens residential neighborhood, which prompts a multi-agency response, including Fire/EMS/Haz-Mat/BFI units, for a mass-casualty incident.
- **Major Department Store**--A fire in a garbage collection room challenges Fire/EMS responders with a complicated floor layout, non-ambulatory victims and fire partitions and doors.
- **Oil Terminal**--An explosion at the terminal in the Bronx initiates a mutual-aid response from Pelham Manor and Mount Vernon Fire Departments to aid FDNY Fire/EMS units to battle a petroleum-based fire with numerous injuries.
- **Prominent Hotel**--High-rise fire initiates a high-rise response of Fire/EMS personnel and equipment.
- **Riker's Island**--A box truck sideswipes a bus transporting inmates. The bus flips over and the box truck crashes into the East Module, a one-story, wood-frame building occupied by officers and inmates. The spilled fuel ignites and prompts a haz-mat/terrorist response by Fire/EMS units and Department of Corrections personnel.

### Functional Exercises

- **Earthquake (Incident Management Team--IMT)**--Earthquake along the Manhattan fault line on the west side prompts response of the FDNY IMT.
- **Chlorine Plume (IMT)**--A chlorine release from a New Jersey chemical plant prompts response of the FDNY IMT.
- **Hurricane (IMT)**--A category 2 hurricane on the east coast/south shore of Long Island prompts monitoring by the FDNY FDOC personnel.

### Full-Scale Exercises

- **High-Rise Buildings**--Two separate exercises simulating a terrorist use of radiological incendiary devices in office buildings. Fire and EMS units mitigated the hazard to life and property. The first exercise was held in midtown Manhattan and the second in the financial district.
- **Port Security Incident**--Fire/Marine Operations/EMS/NY-NJ Port Authority/U.S. Marine Corps CBIRF coordinated operations at a fire and explosion aboard a container ship docked at a NY/NJ terminal.
- **BioPod III (IMT/Operations/Bureau of Health Services)**--Dispersal of prophylaxis to all on-duty FDNY members.
- **Major Department Store**--With smoke alarm activation on the seventh and eighth floors, units discovered that IID (improvised incendiary devices) were used as a terrorist's weapon. Fire and EMS units controlled the fires, rescued victims and managed the potential mass casualty incident.

ect started by students in the FDNY/USMA Combating Terrorism Leadership Course. The group's original members were detailed to the CTDP to complete the plan.

During FY 06, the Center's permanent staff included four uniformed and three civilian personnel. Additionally, more than 60 members from various field units across the City performed detail assignments at the Center, ranging in length from one week to several months. These members worked alongside permanent staff, providing invaluable subject matter expertise for designing exercises and drafting emergency response plans. Their tenure with the CTDP also provided them with an opportunity to further their understanding of terrorism and disaster preparedness issues. Educating an even wider audience of FDNY personnel on current threats was accomplished during FY 06 through the CTDP's second annual counter-terrorism symposium.

