

**FDNY
INCIDENT ACTION PLAN
OPERATIONAL PERIOD**

**FEBRUARY 7-11th 2002
0700 – 0700**



Plan 110

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to be 'J.M.' or similar initials.

OPERATIONAL PERIOD

Thursday 02/07/02 0700 hours – Monday 02/11/02 0700 hours

OVERALL INCIDENT OBJECTIVES

1. Provide for the health, safety, and welfare of all personnel working around the incident.
2. Provide for the recovery and identification of as many remains as possible, and return to the family.
3. Coordinate with all involved agencies to support the operational needs of the incident.
4. Document all critical items and significant events.

OPERATIONAL FACILITIES AND LOCATIONS

Incident Command Post	100 Duane Street
Operations Post	10/10 Station (Liberty & Greenwich)
West Command	Vesey & Church (West & Liberty Sectors)
East Command	Liberty & Church (Church & Vesey Sectors)
FDNY Cache	Quarters of 10 & 10 – open 0800-2000 hrs.
FDNY Parking	West & Warren Streets.
Additional parking at DOT lot (SW corner of West & Warren Streets)	

OPERATIONAL RESOURCES**FDNY WTC TF**

Recovery Team	75 Officers and Firefighters
Suppression Team	10 officers and Firefighters
FAST Team	SOC Officer & 7 Firefighters
GPS/BFU Team	10 Officers & Firefighters per 24 hour tour

FDNY/EMS

10 people per day shift / 10 people per night shift

EMS UNIT LOCATIONS

1. EMS OPERATIONS - 1 Capt at FDNY Operations (E10-L10) 2nd floor
2. East / Morgue 1 Lt.
3. ALS – 72S West/Vesey - 2 Paramedics
4. BLS – 72B Liberty/West - 2 EMTs
5. BLS – 71A Church /Cortland - 2 EMTs
6. Morgue 82C - 1 EMT
7. Morgue 82D - 1 EMT

**Note: Temporary Morgue location is Church St. Between Cortlandt and Dey St.
Cell Phone Number: (516) 287 - 6196**

ACCOMPLISHMENTS

1. Recovery operations continue on a 24-hour basis.
2. **Safety Memo issued. See Attachment.**

CONTINUING ACTIONS

1. Operations continue on debris removal from the North Tower area with intermittent use of handlines to cool debris.
2. Debris removal from WTC 2 and WTC 5
3. Welding, debris removal, and shoring operations @ Bankers Trust (130 Liberty St.) continues. Sprinkler system is still OOS. Standpipe system has been filled. The manual fire pump is functional, the automatic pump is not in service.
4. Debris removal from WTC 6 continues. Hand line fire prevention/suppression support from FDNY required on Vesey St. as necessary.
5. NYDOL PESH issuing personal monitoring for PD & FD.
6. West Street Siamese at 3 WFC is OOS. Use Vesey Street Siamese if needed.
7. Glass removal from Bankers Trust has been completed.
8. PAPD & Mooretrench will enter North & South Projections at 0900 & 1500 hrs. daily to inspect dewatering pumps in PATH tubes. This will be an ongoing operation. This information will be updated weekly.

PLANNED ACTIONS (Next 24 hours)

1. Debris removal and shoring at 130 Liberty St, Bankers Trust, is ongoing. The 2 service elevators located on the south side are in service with phase 1 and phase 2 of Fireman Service working.
2. Core Drilling and Tie Backs continue. Grouting of slurry walls to start.
3. Shoring at South Projection on going. Wooden stairway completed.

ANTICIPATED ACTIONS (48 - 72 hours)

1. Debris removal from WTC 2 and WTC 5 continues.
2. Installation of 4,000 gal #2 fuel oil tank in process of being installed, at 130 Liberty St. This tank will supply Emergency Generator when there is a power failure.

SPECIAL INSTRUCTIONS:

1. **FDNY Sector Chiefs will approve all searches.**
2. **No open flames or warming fires. All fires will be extinguished by FDNY.**
3. **Operations Post is requested to fax the name of the 3 Safety Chiefs for each tour to the Incident Command Post.**
4. **PPE requirements are as follows:**
Red Zone – Helmet, Safety Glasses & Safety Shoes, Coveralls, Long-sleeved Shirts.
Inner Zone – Helmet, Safety Glasses, Safety Shoes, Respirators, Coveralls & Long-sleeved Shirts. **FD Helmets and turnout coats with reflective tape must be worn when working on the pile to identify as members of the dept.**
5. **FDNY personnel parking is located on the south side of Warren St., 250 feet east of West St. Access to the FD parking lot must be made through the West & Chambers Street checkpoint. Members will be issued a site access card at the beginning of their shift. These access cards must be prominently displayed to allow entry onto the site. The tan access cards shall be handed in at the end of the shift. Coveralls and respirators will be available at the FD Warren St. parking lot.**
6. **GPS is to be used to plot locations of all victims, remains, fire equipment and apparatus. If the GPS is not operational, hand held GPS operators will manually record grid locations using a **grid map dated 09/20 or later.** GPS units are available through the Sector Chiefs, who shall contact the GPS Team via channel 5.**
7. **When any SCBA or compressed gas cylinders are found, the Sector Chief will contact ICP for Fire Prevention notification. Cages are at East & West Command for temporary storage of cylinders.**
8. **Enclosures on North and South projections on West Street are locked. The keys will be located with the FDNY Command Post, NYPD Officer at enclosure, and OEM.**
9. **Prior to any vehicles being removed/towed from buildings, FDNY Operations Chief must determine if a foam handline is needed.**
10. **A charged handline must be in position prior to any steel cutting operation inside of buildings.**
11. **Void entries and searches where elevated Freon readings exist (1 & 2 WTC) require O₂ monitoring prior to entry.**
12. **All underground insertions/void searches must be coordinated with FDNY SOC Chief on duty and the IC at Duane St. to ensure safety.**
13. **DC will ensure 1 BC attends the Daily Contractors Safety Shift Overlap meeting at 3 WFC on 30th floor at 11:45 pm.**
14. **Operations Chief shall attend Contractors Meeting inside BOVIS Trailer, at 0800 and 1730 hours each day.**

There is an OEM representative located at the OEM trailer (Murray and West - 212 941-5337) to contact DDC to handle contractor problems. To contact the contractors on site, DDC has a person stationed at 10/10 to assist. OEM is also the contact for OSH

Safety Message

02/07/02

Major Hazards:

Crane Operations

Demolition Operations

Biological Hazards

Dust /Airborne Particles

Falling Glass & Debris

Traffic

Walking and Working Surfaces

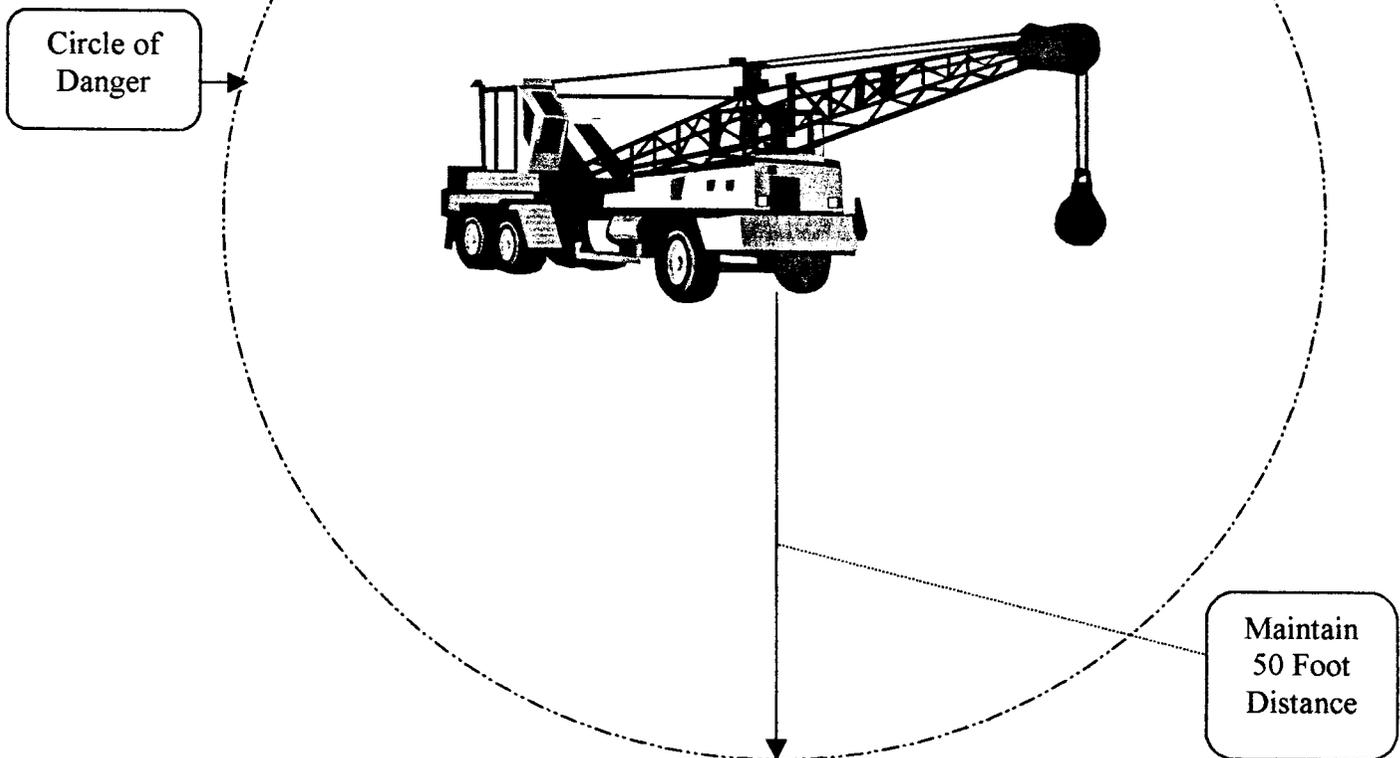
Open Shafts

Hazardous Materials

Lack of PPE

Cold Weather

EXCLUSION AREA



- ⊕ **Once again a member working at the site was injured when a piece of steel that was being picked up from the pile struck the member causing member to be hospitalized.**
- ⊕ **All Uniformed Members and Construction Workers MUST observe the Circle of Danger and remain 50 ft. from all working grapplers and cranes.**

WTC

Incident Command Post Safety Memorandum

Date: Februray 04, 2002

To All Task Force Officers:

In the past 3 firefighters (one injured this week) and several others workers have been injured while working near heavy equipment. In an effort to reduce the chance of other firefighters being injured, Deputy Chiefs will ensure that the following rules are complied with:

1. That 3 assigned Safety Chiefs, wearing their identifying vests are on the pile at all times.
2. All members are to:
 - ⊕ maintain the 50' circle of danger around grappers and excavators.
 - ⊕ One spotter per grapppler/excavator. When remains or equipment has been spotted the operator will be summoned to stop. After the operator has stopped the grapppler/excavator, the other members of the team will examine the debris pile more closely. Review the Recovery Addendum.
 - ⊕ Be aware of moving Eucs with debris hanging over the sides. Overhanging **Rebar** can whip 10-20 feet.
3. The North Roadway is presently being removed. All teams should be aware that there is only one main means of egress from the pit and should take note of the wooden stairway exits being constructed around the perimeter of the pit.
4. The Emergency Evacuation signal is 3 short blasts. The signal will be tested every Thursday at 1200 hours.



FIRE DEPARTMENT

100 DUANE STREET NEW YORK, NY 10007

TEL. 646.613.1591 FAX 646.613.8406

WTC COMMAND

RECOVERIES WTC MONTH OF FEBRUARY

(RUNNING TOTAL OF RECOVERIES SINCE SEPT. 11, 2001)

<u>WEEK OF</u>	<u>02/04</u>	<u>02/11</u>	<u>02/18</u>	<u>02/25</u>
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UNIFORM TOTAL	168			
NYPD	8			
FDNY	145			
PAPD	11			
EMS	3			
OTHER	3			

WHOLE BODY	268			
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IDENTIFIED	700			
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HUMAN REMAINS	13,951			
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CONFIRMED FF'S	144			
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TOTAL FOR JANUARY

TOTAL FOR WEEK 1/27 TO 2/04

UNIFORM	22			1
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WHOLE BODY	15			4
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IDENTIFIED	99			7
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HUMAN REMAINS	1,718			462
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CONFIRMED FF'S	17			1
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UNIFORM = FDNY / NYPD / PAPD / EMS (MEMBERS OF SERVICE)

FDNY PROTOCOL

EMERGENCY EVACUATION PLAN

As per the WTC Emergency, Safety and Health (ES&H) Plan (Appendix A), the FDNY Incident Commander (IC) will assume control of all site-wide emergencies. Upon notification of a major emergency: act of terrorism; chemical hazard; emergency event adjacent to WTC that impacts site boundaries; explosion; fire; severe weather; slurry wall failure; etc., the Fire Department IC will determine whether to implement the Emergency Plan and activate the Emergency Alarm System. The scope of the Plan applies to **all** WTC Emergency Project personnel, visitors, and companies doing business within the Project boundaries. It does not include any emergency at Pier 25.

Upon receipt of a report of an emergency, the FDNY IC will determine the initial evacuation appropriate to the size and type of incident. If a site evacuation is required, the IC shall order the implementation of the Emergency Evacuation Plan and activation of the Emergency Alarm System. Once the Plan has been implemented, site personnel shall:

- cease all operations
- turn-off all equipment
- leave all vehicles in place
- walk towards designated site exits along indicated evacuation routes
- proceed to the EPA Biosphere on the southwest corner of West and Murray Streets

The Fire Department representative at the FDNY Incident Command Post (10/10) shall notify the FDNY Manhattan Dispatcher at 212-570-4261; the Department of Design and Construction (DDC) Command at 212-640-9032 and the Office of Emergency Management (OEM) Watch Command at 646-756-6262. If the emergency event includes the release or potential release of a hazardous material, the US EPA Spill Emergency Response Team at 203-627-9332 shall also be contacted.

SITE EVACUATION ROUTES:

- SOUTH ON WEST STREET; WEST ON LIBERTY STREET; THROUGH GATE BY VIEWING STAND; ASSEMBLE AT EPA BIOSPHERE ON THE SOUTHWEST CORNER OF WEST STREET AND MURRAY STREET
- NORTH ON WEST STREET; WEST ON MURRAY STREET; ASSEMBLE AT EPA BIOSPHERE ON THE SOUTHWEST CORNER OF WEST STREET AND MURRAY STREET
- SOUTH ON CHURCH STREET; EAST ON THAMES STREET; ASSEMBLE AT EPA BIOSPHERE ON THE SOUTHWEST CORNER OF WEST STREET AND MURRAY STREET
- NORTH ON CHURCH STREET; EAST ON BARCLAY STREET; ASSEMBLE AT EPA BIOSPHERE ON THE SOUTHWEST CORNER OF WEST STREET AND MURRAY STREET

INTERAGENCY COMMAND POST

Once a site emergency is declared, the OEM field trailer located in the parking lot on the northeast corner of West Street and Warren Street will be designated the Primary Incident Command Post. FDNY IC will make the decision whether to utilize (10/10) as a Secondary Incident Command Post.

ROLES AND RESPONSIBILITIES

FDNY – designated the IC for all site emergencies

DDC – provide technical assistance to the FDNY

OEM – assume responsibility for all issues that may arise from a site emergency beyond the boundaries of the site

NYPD and PAPD – assist with evacuating site personnel, establishing control of the perimeter; and provide security at all gates and the Biosphere

SITE EMERGENCY TELEPHONE NUMBER

In the event of a site emergency, site personnel shall call the site emergency telephone number: **212-570-4261** (FDNY MANHATTAN DISPATCHER).



FIRE DEPARTMENT

100 DUANE STREET NEW YORK, NY 10007

TEL. 646-613-1757

FAX 646-613-4065

WORLD TRADE CENTER COMMAND

To: All WTC Task Force Members

From: Peter E. Hayden WTC Task Force Commander

Subject: Stress Debriefing

Date: February 13, 2002

Stress debriefing sessions will be held for all members returning to field units according to the following schedule:

Group 1 February 25, 2002 @ 0900, 1100, 1300 & 1500 hours

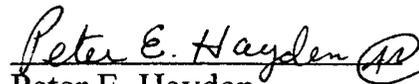
Group 3 February 26, 2002 @ 0900, 1100, 1300 & 1500 hours

Group 4 February 27, 2002 @ 0900, 1100, 1300 & 1500 hours

Group 2 February 28, 2002 @ 0900, 1100, 1300 & 1500 hours

All debriefing sessions will be held in the **East Command** trailer located next to the quarters of 10 & 10. Deputy Chiefs will insure that no more than 3 – 4 teams are sent to a scheduled session.

These debriefing sessions are mandatory for all ranks.


Peter E. Hayden
WTC Incident Commander