



US&R STRUCTURE / HAZARDS CHECK LIST

1. By:

2. Date:

3. Time

STRUCTURE DESCRIPTION:

Bldg ID: _____

No. Stories: _____ No. Basements: _____

TYPE OF COLLAPSE:

| | | |
|---------|----------------|--------------|
| Pancake | Soft 1st Floor | Wall Failure |
| Torsion | Middle Story | Overtum |
| Other: | | |

From a SAFE Distance. CHECK:

- Alignment of Structure's Corners & Faces
- Alignment of Structure's Floors
- Condition of Openings
- Condition of Facing or Projecting Elements
- Presence of Precast Conc Facing or Brick/Stone Veneer
- Presence of other FALLING HAZARDS
- Presence of Rooftop Equipment, Towers, etc
- Presence of Distinctive Elements, Additions, Stairwells
- Any Alternative Energy Source - Generator, Solar Elec
- Presence of Tanks w/ Explosive/Corrosive Material

Walk around Structure and CHECK:

- Continuity of Vertical Load Path
- Continuity of Lateral Load Path
- Alignment & Condition of all Wall Piers
- Condition of Foundation & Adjacent Ground
- Presence of Flowing Liquids
- I.D. Areas of Structure to be avoided
- I.D. Sections with potential for Brittle Failure
- I.D. Most PROBABLE Collapse Mode
- I.D. All Exterior FALLING HAZARDS
- I.D. All Ingress and Egress Locations

If you choose to enter the Structure:

- Make sure that at least one other Team Member remains outside and you maintain radio contact
- Notify TFL you are entering structure - Which Side
- Leave Easily Visable Trail as you explore interior **
- Check Each Closed Dorr for heat PRIOR to OPENING
- Inspect Ground Floor Level Before moving Upward
- Check Main Columns and Shear Walls-Cracks, Spalling
- Check Min Beam to Column Connections
- Check Stair wells for Damage and Access
- Check Condition of Floor System
- I.D. All Interior Collapse Hazards
- I.D. All Interior Falling Hazards
- Locate Safe Havans and Escape Routes
- Report all Data to Outside Person before continuing
- Proceed Up/Down Only if Can Maintain Radio Contact
- Proceed to Upper Stories, Check each before Proceeding
- Proceed to Basement and Check Structure & Foundation

NOTES:

1. ** Suggestions for Visable Trail are: Light Sticks, Paint Arrows on floor, Electronic Relay Devices