

**JEFFERSON COUNTY FIRE DISTRICT #1
STANDARD OPERATING GUIDELINES**

SOG 311

BUILDING COLLAPSE

I. PURPOSE

- A. To define the appropriate guidelines for urban search and rescue after a building collapse.

II. SCOPE

- A. This guideline outlines the procedures to follow when working around a building collapse. These standards apply to all personnel of the District.

III. AUTHORITY AND RESPONSIBILITY

- A. It will be the responsibility of the Chief and the Officers to insure that these guidelines are followed.

IV. STANDARDS

- A. Size-up/assessment of conditions
 - 1. Make exterior inspection
 - 2. Contact Building Representative ASAP
 - 3. Identify safety and rescue hazards:
 - a. Structural instability
 - b. Electrical/power line hazards
 - c. Natural gas leaks
 - d. Other hazards as noted
 - 4. Identify special equipment needed
 - Cranes Bulldozers Back Hoes
 - Fork Lifts Front loaders Other Equipment
 - 5. Notifications for Assistance - request through Dispatch, as needed.
 - a. Municipal Building Official
 - b. Public Works Department
 - c. Utility Companies
 - d. Police Department - barricade area, crowd control
 - e. Search/Rescue Dogs - Notify Deschutes County Search and Rescue
 - f. U.S. Army Corp. of Engineers
 - g. Experienced Demolition Contractor
 - h. Coroner

- B. Safety considerations and checklist
 - 1. Establish Hot, Warm, and Cold Zones similar to HazMat incidents for scene control.
 - 2. Request air monitoring equipment
- C. Operational guidelines
 - 1. Search and Rescue Operations
 - a. Accomplish immediate rescue of surface and lightly trapped victims
 - b. Search the voids
 - c. Search the debris
 - d. Secure the area before returning to quarters to see that barricades are placed and signs posted to warn of unsafe conditions.
 - 2. Dispatch Guidelines
 - a. Notify Electrical Utility and Natural Gas Utility companies for immediate response.
 - 3. Notifications for Assistance - request as needed.
 - a. Municipal Building Engineer
 - b. Public Works Department
 - c. Police Department - barricade area, crowd control
 - d. Search/Rescue Dogs - Notify Deschutes County Search and Rescue
 - e. U.S. Army Corp. of Engineers
 - f. Experienced Demolition Contractor
 - g. Medical Examiner

APPROVED:

DATE 11-14-07

Earl Cordes
Fire Chief