

Central Joint Fire District

Standard Operating Procedure



Central Joint Fire District

SUBJECT: Structure Fire Response

SOP Number: 411A
Effective Date: 3/3/02
Revised Date:
Approved:

PURPOSE: The purpose of this standard is to define the proper response of equipment and apparatus to fires involving structures.

SCOPE: This standard shall apply to all Command Officers, Senior Firefighters or other persons who may find themselves responsible for the proper response of equipment and apparatus to fires involving structures.

ENFORCEMENT: The Office in Charge shall be responsible for the enforcement of this standard and any deviations from this standard.

DEFINITIONS:

Good hydrant – any hydrant rated at 500 gpm or better

Bad hydrant – any hydrant rated at less than 500 gpm

IC – Incident commander

APPLICATIONS:

411.1 Response into area within 1,200' of a good hydrant

A) The order of response shall be:

- 1) Engine 781 with at least three (3) members
- 2) Tanker 785 with at least two (2) members
- 3) Rescue 782 with at least two (2) members
- 4) Brush 784 with at least two (2) members with Engine 786 at IC discretion
- 5) Engine 783 with at least two (2) members shall respond only with the IC's discretion

B) Assignment:

- 1) Engine 781 with at least three (3) members shall secure a water supply line utilizing 5" LDH and proceed to the fire scene and commence fire scene operations.

- 2) Tanker 785 with two (2) members shall provide backup pumping capability and water supply if directed by the IC. Otherwise, the 785 crew shall fill out the crews operating at the fire scene as directed by the IC.
- 3) Rescue 782 with at least two (2) members shall proceed to fire scene to fill out the crews operating at the fire scene as directed by the IC.
- 4) Brush 784 with two (2) members shall respond to provide manpower at the scene or to fill other vital IC support functions such as “Staging”.
- 5) Engine 783 with at least two (2) members shall respond to provide manpower at the scene per the IC’s discretion.

411.2 Response into areas within 1,200’ of a bad hydrant

A) The order of response shall be:

- 1) Engine 781 with at least three (3) members
- 2) Tanker 785 with at least two (2) members
- 3) Rescue 782 with at least two (2) members
- 4) Brush 784 with at least two (2) members with Engine 786 at IC discretion
- 5) Engine 783 with at least two (2) members shall respond only with the IC’s discretion

B) Assignment:

- 1) Engine 781 with at least three (3) members shall secure a water supply utilizing 5” LDH and proceed to the fire scene and commence fire scene operations.
- 2) Tanker 785 with at least two (2) members shall proceed to the hydrant location where one (1) member will be dropped off at the hydrant to connect the 5” LDH and open hydrant upon the proper signal from Engine 781 operator if not already connected by Engine 781 crew. The remaining crew members and 785 will proceed to 781’s location and set a dump tank up for access to 781’s 6” rear intake suction hose. Once the dump tank is set up, the rear intake valve on 781 can be opened to fill from the dump tank. The crew of 785 shall then help set up additional mutual aid dump tanks for rural area operations, begin a water shuttle, serve as “Water Supply” sector personnel, or fill into other sectors as needed.
- 3) Rescue 782 with at least two (2) members shall proceed to fire scene to fill out the crews operating at the fire scene as directed by the IC.
- 4) Brush 784 with at least two (2) members shall respond to provide manpower at the scene or to fill other vital IC support functions such as “Staging”. Additionally, 784 and 786 may respond to pre-designated water fill point to augment the water supply via tanker shuttle per the IC.
- 5) Engine 783 with at least two (2) members shall respond to provide manpower at the scene per the IC’s discretion.

411.3 Response into area beyond 1,200’ of a hydrant

A) The order of response shall be:

- 1) Engine 781 with at least three (3) members
- 2) Tanker 785 with at least two (2) members

- 3) Brush 784 with Engine 786 with at least two (2) members
 - 4) Rescue 782 with at least two (2) members
 - 5) Engine 783 with at least two (2) members shall respond only with the IC's discretion
- B) Assignments:

- 1) Engine 781 with at least three (3) members shall proceed to the fire scene and commence fire scene operations.
- 2) Tanker 785 with at least two (2) members shall proceed to 781's location and set a dump tank up for access to 781's 6" rear suction hose. If not already accomplished 785's crew shall connect 6" suction hose and strainer to the rear 6" pump intake then fill the dump tank. One crew member shall serve as the "Water Supply" sector officer remaining at the dump site to coordinate the water supply. The remaining crew members shall begin water shuttling from the pre-designated fill point to the fire scene.
- 3) Brush 784 and Engine 786 with at least two (2) members shall respond to the pre-designated water fill point to augment the water supply via tanker shuttle. Engine 786 shall be connected to the water fill point with 4.5" suction hose and strainer. One discharge from Engine 786 shall be connected with 5" LDH of sufficient length to allow curbside filling of any tanker. The second discharge from Engine 786 shall be connected with 5" LDH with the manifold connected with 2.5" connection to allow an alternate means of filling any tanker.
- 4) Rescue 782 with at least two (2) members shall proceed to fire scene to fill out the crews operating at the fire scene as directed by the IC.
- 5) Engine 783 with at least two (2) members shall respond to provide manpower at the scene per the IC's discretion.

411.4 Response directly to the fire scene

- A) Only members who have direct radio communications with responding apparatus and appropriate personal protective equipment shall be permitted to respond directly to the fire scene per the IC.