

## Note for 225.30 (A) and (B)

### 225.30(A) Special Conditions.

Additional feeders or branch circuits shall be permitted to supply the following:

- (1) Fire pumps
- (2) Emergency systems
- (3) Legally required standby systems
- (4) Optional standby systems
- (5) Parallel power production systems
- (6) Systems designed for connection to multiple sources of supply for the purpose of enhanced reliability
- (7) Electric vehicle charging systems listed, labeled, and identified for more than a single branch circuit or feeder
- (8) Docking facilities and piers

### 225.30(B) Common Supply Equipment.

Where feeder conductors originate in the same panelboard, switchboard, or other distribution equipment, and each feeder terminates in a single disconnecting means, not more than six feeders shall be permitted. Where more than one feeder is installed in accordance with this section, all feeder disconnects supplying the building or structure shall be grouped in the same location, at the requirements of 225.33 shall not apply. Each disconnect shall be marked to indicate the load served.

225.30(A) (8)

This change adds an eighth list item to permit multiple sources of supply to feed docking facilities or piers.

M.S. ELECTRICAL TRAINING, LLC

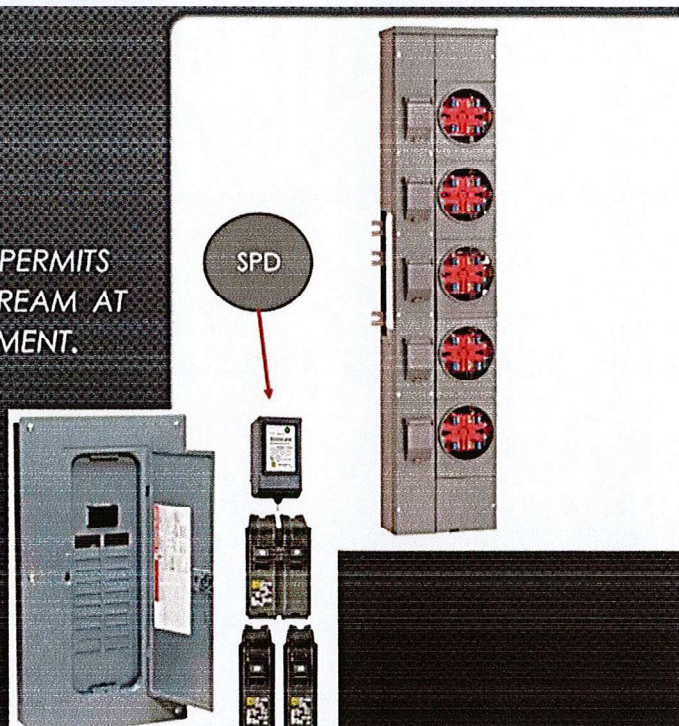
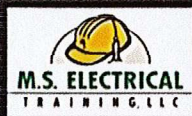
A building or other structure that is served by an outside feeder is still generally limited to only be supplied by one feeder unless another feeder is permitted by special conditions. In Section 30 (A) another special condition will now allow a new #8 – docking Facilities and Piers. Also note in Section 225.30 (B): Not more than six disconnects are allowed, must be grouped, and shall be marked to indicate the load served.



## 230.67- SURGE PROTECTION

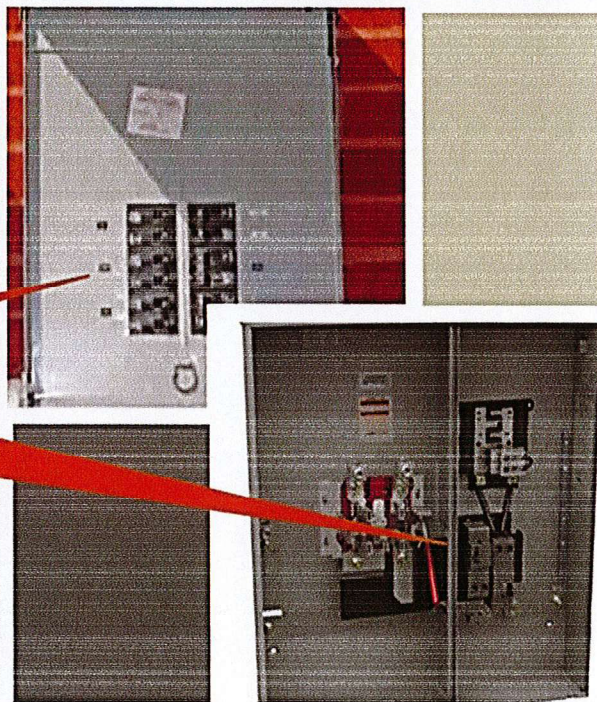
EXC: THERE IS AN EXCEPTION THAT PERMITS THE SPD TO BE LOCATED DOWNSTREAM AT THE NEXT LEVEL DISTRIBUTION EQUIPMENT.

230.67(D): REPLACEMENT RULE



## 230.71- SIX (6) DISCONNECT RULE

**VIOLATION**



### Section 230.67 Surge Protectors

A new requirement has been added to require surge protection on all services at dwelling units. The (SPD) must be an integral part of the service equipment or



located immediately adjacent to the service equipment unless it is located at each next level distribution equipment downstream toward the load.

**Note:** Where service equipment is replaced, all of the requirements of Section 230.67 shall apply.

**Section 230.71 Six (6) Disconnect Rule**

The permission for up to six disconnects has been modified to require installation in separate enclosures only. The six means of disconnect can no longer be mounted in a single enclosure.