

**SECTION 26 28 02****DISCONNECTS FOR UNINTERRUPTABLE POWER SUPPLY****PART 1 - DESIGN DIRECTIVES****1.1 This Section covers – Emergency Disconnects for Uninterruptable Power Supply****1.2 DESIGN CRITERIA**

- A. The UPS-supplied, electrical distribution equipment which extends to multiple floors and areas of the building shall have an emergency stop button located at the following locations of the building where the UPS is located:
  - 1. In the main electric room, within sight of the building's main electrical disconnect.
- B. The UPS-supplied electrical distribution equipment within a designated space/area/room such as a data center or a computer room shall have an emergency stop button located at the entry to the space/area/room. (Per NEC 645.10(A)).
  - 1. Exception – UPS's 15 kVA and smaller shall be allowed to have the emergency stop control mounted on the UPS unit. (Verify with local AHJ due to NEC requirement for disconnects for UPS of over 750 VA. 15 kVA is a typical size for the Mass Spectrometers in the Science buildings)
- C. A permanent plaque or directory shall be installed at the building main electrical disconnect and at each feeder and/or source disconnect. The plaque or directory shall denote all locations of UPS's over 2.5-kVA, of disconnects of sources, feeders and/or branch circuits supplying or passing through the building. The plaque or directory shall identify – the location of all other disconnects, the source of power and the source location, and the equipment served.

END OF SECTION