No. 19 IT-01-1-Rev. 1 Seismic Design Category Consolidation

IMPACTS ON USERS SDC B AND ABOVE

Seismic Force Resisting Systems Being Eliminated

- A. Bearing Wall Systems
  - Detailed plain concrete shear walls
  - Intermediate precast shear walls (***currently used through SDC E***)
  - Prestressed masonry shear walls

Seismic Force Resisting Systems Being Eliminated

- B. Building Frame Systems
  - Detailed plain concrete shear walls
  - Ordinary plain shear walls
  - Ordinary precast shear walls
  - Detailed plain masonry shear walls
  - Ordinary plain masonry shear walls
  - Prestressed masonry shear walls
  - Light framed walls with shear panels of all other materials (***currently through SDC D)***

Seismic Force Resisting Systems Being Eliminated

- E. Dual Systems
  - Ordinary reinforced concrete shear walls
- F. Shear Wall-Frame Interactive Systems
  - All
- G. Cantilevered Column Systems
  - Ordinary reinforced concrete moment frames

Irregularity Requirements Triggered for former SCD B

- Horizontal Irregularities
  - Torsion
  - Extreme torsion
  - Out of plane offset
  - Nonparallel system
- Vertical Irregularities
  - In-plane discontinuity
  - Extreme weak story

Other Impacts for former SCD B

- Precast concrete diaphragms required to be designed by alternative diaphragm design provisions
- Design for overstrength factors
- Other???