DESIGN REQUIREMENTS

FUSES

GENERAL INFORMATION

1.1 This section applies to fuse types.

DESIGN REQUIREMENTS

2.1 Coordination Study: Prepare a coordination study showing graphically that the first and second level fusing of a distribution system and any elevator feeder to coordinate selectively. Include single line diagram, coordinated time/current characteristics, fuse performance curves, and fault current calculations adequate to demonstrate satisfactory component protection and selective coordination of protective devices. Fuse types and ratings shall be selected as a result of this study.

2.2 All fuses shall be of the same manufacturer. Fuses shall not be installed until equipment is to be energized.

CONSTRUCTION REQUIREMENTS

3.1 Provide spare fuses for each type and rating, amounting to one unit for every 5 installed units, but not less than one set of 3 of each kind.

3.2 Provide a spare fuse cabinet in each main switchboard or substation room.

REFERENCE

4.1 The applicable CSI Specification Section is 262813.