

SPECIAL INSTRUCTIONS

1. GENERAL

1.01 This section is reissued to direct attention to the increased use of "multi-grounded" or "common" neutral power systems in California. Part 4 is revised. The remainder of the section is unchanged.

2. AERIAL CLEARANCES

2.01 General Order No. 95 of the California Public Utilities Commission governs aerial clearances in California. Aerial clearances shown in AT&T practices are based on the National Electrical Safety Code and differ from the requirements of General Order No. 95 in some cases. In California, use Section 620-200-900PT, "Clearances for Aerial Plant (for use in California only)" to establish clearances for aerial plant construction.

3. STEPPING POLES

3.01 General Order No. 95 also prescribes the conditions under which poles shall be stepped and the manner of stepping. In general all classes of plant involving vertical runs on jointly-used poles may require that the pole be stepped. Refer to Section 621-210-011PT for requirements and exceptions.

4. PROTECTIVE GROUNDING

4.01 Reference is made in various Bell System Practices to the use of power system "multi-grounded" or "common" neutral vertical grounding conductors for the purpose of obtaining both permanent and temporary grounds for telephone plant. Connections to power company vertical grounding conductors, in California, shall be made under these conditions only:

- (a) Aerial telephone facilities shall be messenger-supported cable only.
- (b) Exact locations shall be specified on detailed work plans by the engineer of outside plant.
- (c) Specified connections shall be permanent. Temporary attachments to vertical power company grounding conductors are prohibited.
- (d) Agreement with the power company shall have been negotiated.
- (e) Connections shall be made by specially trained telephone crews only and in accordance with Section 638-300-900PT.