

## SPECIAL INSTRUCTIONS

### 1. GENERAL

**1.01** This section describes special instructions to be used with aerial clearances, stepping poles, and protective grounding.

**1.02** It is reissued to:

- Delete reference to a cancelled Bell System Practice (BSP).
- Include the appropriate legend on Page 1 in accordance with AT&T's "Guidelines and Procedures for Safeguarding Information" and Pacific Company's System Instruction (SI) 178.

*Note:* Marginal arrows used to denote changes are omitted.

### 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 Sections 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 621-210-012PT for requirements and exceptions.

### 4. PROTECTIVE GROUNDING

**4.01** Reference is made in various BSPs to the use of power system "multi-grounded" or "common" neutral vertical grounding conductors for 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.

#### NOTICE

Not for use or disclosure outside the  
Bell System except under written agreement