**BASIS**—The average tripping time-current characteristic curves shown above are applicable to both 50-Hz and 60-Hz systems. In addition, these curves are applicable over the entire S&C Vista Underground Distribution Switchgear operating temperature range of -40°C to +40°C. No adjustments need to be made to these curves for ambient temperatures within this temperature range.

**TOLERANCES**—Curves are plotted to average test points. Time-overcurrent tolerance, expressed in terms of current, is ±5 amperes plus ±5% of the selected pickup setting. Tolerance, expressed in terms of time, is ±1.5 cycles plus ±10% of the time indicated on the selected curve at a specified value of current between 2 and 30 multiples of the pickup setting.

**APPLYICATION**—The maximum continuous current-carrying capability of S&C Vista Underground Distribution Switchgear is 1200 amperes. The overcurrent control is capable of sensing currents in the range of 50 to 25,000 amperes RMS. Since the tripping time-current characteristics are electronically derived, they are not subject to change due to aging, transient overcurrents, or fault currents. It is, therefore, only necessary to reset the fault interrupters following a fault-clearing operation.

**CONTROL SETTINGS**—Curves are set using a laptop computer.