



Electric Service Standards

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PREPARED BY

SUBJECT

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**Distribution Construction
Processes**

XI. RADIO, TELEVISION AND MISCELLANEOUS ANTENNAS

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XI. RADIO, TELEVISION AND MISCELLANEOUS ANTENNAS

Radio and television antennas, their lead-in cables, guy wires and metallic supports shall be kept well clear of electric powerlines. They should be installed in accordance with Article 810 of the National Electrical Code, and any applicable local building code.

The shortest distance between the power conductor and the antenna mast should exceed the height of the antenna mast from the ground.

The antenna or lead in conductors should not cross over electric light or power circuits. These items should be kept well away from such circuits, but where this is impossible, they shall have a clearance of at least 2 feet to circuits of less than 250 volts between conductors. Where practicable, these items should not cross under electric light and power circuits or be closer than 10 feet to power circuits of more than 250 volts between conductors.

Most contacts between antennas and power lines occur either during antenna installation or subsequent maintenance. The homeowner installing an antenna should be sure it is well away from any exposed electric wires. He should be certain that neither the antenna and mast nor the lead-in nor guy wires could possibly contact the power wires if the installer loses control of any component of the assembly.