

**ATTACHMENT C, VEGETATION CLEARANCE TABLE**

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**Table 1: Project Specific Vegetation Clearance Requirements (LSPGC Structures)**

<b>Structure Name</b>	<b>Voltage (kV)</b>	<b>Structure Type</b>	<b>GO 95 Clearance Requirement</b>	<b>PRC 4292 Clearance Requirement</b>
Deadend #1 and #2	230	Dead End	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (b)(1) or (b)(6)
1/1	230	Dead End	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (b)(1) or (b)(6)
1/2	230	Tangent	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (a)
1/3	230	Dead End	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (b)(1) or (b)(6)
1/4	230	Tangent	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (a)
1/5A, B, C, D, E, F	230	Dead End	31-inch radial clearance around conductors	N/A - CCR 14.1255 exemption (b)(1) or (b)(6)

**Table 2: PRC 4292 and CCR Title 14 §1254 Vegetation Clearance Requirements**

Voltage (kV)	GO 95	PRC 4292	CCR Title 14 §1254
230	Radial clearance of 31 inches of conductor from tree branches or foliage	Maintain a firebreak which consist of a clearing of not less than 10 feet in each direction from outer circumference of such poles or towers.	<p>The firebreak clearances required by PRC 4292 are applicable within an imaginary cylindroidal space surrounding each pole or tower on which a switch, fuse, transformer or lightning arrester is attached and surrounding each dead end or corner pole unless such pole or tower is exempt from minimum clearance requirements by provisions of 14 CCR 1255 or PRC 4296.</p> <p>The radius of the cylindroid is 3.1 m (10 feet) measured horizontally from the outer circumference of the specified pole or tower with height equal to the distance from the intersection of the imaginary vertical exterior surface of the cylindroid with the ground to an intersection with a horizontal plane passing through the highest point at which a conductor is attached to such pole or tower. Flammable vegetation and materials located wholly or partially within the firebreak space shall be treated as follows:</p> <p>(a) At ground level--remove flammable materials, including but not limited to, ground litter, duff and dead or desiccated vegetation that will allow fire to spread, and;</p> <p>(b) From 0-2.4 m (0-8 feet) above ground level--remove flammable trash, debris or other materials, grass, herbacious and brush vegetation. All limbs and foliage of living trees shall be removed up to a height of 2.4 m (8 feet).</p> <p>(c) From 2.4 m (8 feet) to horizontal plane of highest point of conductor attachment--remove dead, diseased or dying limbs and foliage from living sound trees and any dead, diseased or dying trees in their entirety.</p>
500	Radial clearance of 115 inches of conductor from tree branches or foliage		

## CCR Title 14 §1255 Exemptions to Minimum Clearance Provisions – PRC 4292

The minimum clearance provisions of PRC 4292 are not required around poles and towers, including line junction, corner and dead end poles and towers:

- (a) Where all conductors are continuous over or through a pole or tower; or
- (b) Where all conductors are not continuous over or through a pole or tower, provided, all conductors and subordinate equipment are of the types listed below and are properly installed and used for the purpose for which they were designed and manufactured;
  - (1) compression connectors,
  - (2) automatic connectors,
  - (3) parallel groove connectors,
  - (4) hot line tap or clamp connectors that were designed to absorb any expansion or contraction by applying spring tension on the main line or running conductor and tap connector,
  - (5) Fargo GA 300 series piercing connectors designed and manufactured for use with tree wire,
  - (6) flat plate connectors installed with not less than two bolts,
  - (7) tapered C-shaped member and wedge connectors,
  - (8) solid blade single phase bypass switches and solid blade single phase disconnect switches associated with circuit reclosers, sectionalizers and line regulators,
  - (9) equipment that is completely sealed and liquid-filled;
  - (10) current limiting non-expulsion fuses or
- (c) On the following areas if fire will not propagate thereon;
  - (1) fields planted to row crops,
  - (2) plowed or cultivated fields,
  - (3) producing vineyards that are plowed or cultivated;
  - (4) fields in nonflammable summer fallow;
  - (5) irrigated pasture land;
  - (6) orchards of fruit, nut or citrus trees that are plowed or cultivated,
  - (7) Christmas tree farms that are plowed or cultivated; and
  - (8) swamp, marsh or bog land; or
- (d) Where vegetation is maintained less than 30.48 cm (12 inches) in height, is fire resistant, and is planted and maintained for the specific purpose of preventing soil erosion and fire ignition