Decision No. 73722, Application No. 49527 (Filed December 4, 1967)

In the matter of the application of PACIFIC GAS AND ELECTRIC COMPANY for an order amending and modifying those provisions of General Order No. 95 herein mentioned. (Electric)

OPION AND ORDER

Decision No. 72984 dated August 29, 1967, in the instant application authorized certain modifications to General Order No. 95, "Rules for Overhead Electric Line Construction".

The Pacific Telephone and Telegraph Company (Pacific) by petition filed December 4, 1967, states it concurs in all the modification set forth in said decision except those amending Rules 56.4-C(4) and 86.4-C(4) of the general order. Said rules as modified in Decision No. 72984 apply only to anchor guys and it is the opinion of Pacific that such rules should apply to all guys, overhead as well as anchor. Also modifications to Rule 86.4-C(4) refers to Table 2, Case 19, Column D, when the reference should be Table 2, Case 19, Column C.

Rules 56.4-C(4)(b) and 86.4-C(4)(b) set forth in Decision No. 72984 specify the use of wood guards on messengers and cable. The Commission, in other proceedings, has authorized the use of other equivalent materials for protective coverings on messenger and cable.

Pacific requests an amendment to the rules discussed above to (1) apply the rules to both overhead and anchor guys, (20 provide for the use of wood guards or suitable equivalent materials, and (3) correct the reference in Table 2 of the general order.

The petition states that Pacific has informed affected utilities and other parties in the state of this amended petition for modification of Appendix A of Decision No. 72984. No protests have been received by this Commission.

IT IS HEREBY ORDERED that:

1. Appendix A of Decision No. 72984 is modified as follows:

Delete Rule 56.4-C(4)(b) of Paragraph 13 and substitute:

"13. Rule 56.4-C(4)

"This rule is amended to read as follows:

"PASSING ON SAME POLES: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable j also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable."

Delete Rule 56.4-C(4)(b) of Paragraph 13 and substitute:

"17. Rule 86.4-C(4)

"This rule is amended to read as follows:

"(4) Passing on Same Poles: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable; also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable, at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable.

2. Decision No. 72984 in all other respects shall remain in full force and effect.

The effective date of this order shall be the date hereof.

Dated at San Francisco, California, this 14th day of February, 1968.

Strikeout and Underline section added June 11, 2002 by Raymond G Fugere.

Original Version
Rule 56.4-C(4)

56.4-C4 Passing on Same Poles: The radial clearances between guy and conductors of different ownership shall do so only between pole pin positions or outside of the outer pin position on the crossarm.

a) Overhead Guys: Overhead guys passing through the level of conductors of different ownership shall do so only between pole pin positions or outside of the outer pin position on the crossarm.

b) Anchor Guys: Undergrounded portions of anchor guys which pass through the level of communication conductors at positions other than between pole pin positions or outside of the outer pin position shall be sectionalized by insulators neither less than 6 inches nor more than 18 inches above the level of the communication conductors (see App. G, Fig 49b) and the guys shall clear such conductors by not less than 3 inches (Table 2, Case 19, Column C).

Strikeout and Underline Version
Rule 56.4-C(4)

56.4-C4 Passing on Same Poles: The radial clearances between guys and conductors ~~of different ownership shall do so only between pole pin positions or outside of the outer pin position on the crossarm.~~ supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable j also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable.

~~a) Overhead Guys: Overhead guys passing through the level of conductors of different ownership shall do so only between pole pin positions or outside of the outer pin position on the crossarm.~~

~~b) Anchor Guys: Undergrounded portions of anchor guys which pass through the level of communication conductors at positions other than between pole pin positions or outside of the outer pin position shall be sectionalized by insulators neither less than 6 inches nor more than 18 inches above the level of the communication conductors (see App. G, Fig 49b) and the guys shall clear such conductors by not less than 3 inches (Table 2, Case 19, Column C).~~

Final Version
Rule 56.4-C(4)

56.4-C4 Passing on Same Poles: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable j also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable.

Original Version
Rule 86.4-C(4)

86.4-C4 Passing On Same Poles: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19.

a) Overhead Guys: Overhead guys of communication lines passing through the level of supply conductors shall do so only between pole pin positions or outside of the outer pin position of such conductors on the crossarm.

b) Anchor Guys: Anchor guys which pass supply conductors shall clear such conductors by not less than the clearances shown in Table 2, Case 19. Anchor guys which pass through the level of supply conductors at positions other than between pole pin positions or outside of the outer pin positions, shall be sectionalized by means of an insulator placed below the supply conductors in accordance with the provisions of Rule 86.7-B, and in addition thereto an ~i insulator shall be placed not less than 2 feet above the supply conductor level.

Strikeout and Underline Version
Rule 86.4-C(4)

86.4-C4 Passing On Same Poles: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable; also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable, at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable.

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Final Version
Rule 86.4-C(4)

86.4-C4 Passing On Same Poles: The radial clearances between guys and conductors supported by or attached to the same poles or crossarms shall be not less than as specified in Table 2, Case 19 except that the clearance between guys and communication messenger and/or cable attached directly to surface of pole may be less than the 3 inches specified in Table 2, Case 19, Column C provided: the guy is not a guy in proximity, or all parts of the guy are not less than 6 feet below 0-750-volt supply conductors supported on same pole, and a wood guard or equivalent is placed on the messenger and/or cable; also, a guy attached to a pole which supports supply conductors at a distance of not less than 6 feet above communication messenger and/or cable shall (1) have an insulator placed in the guy above the communication messenger and/or cable, at a distance of not less than 6 feet horizontally from the pole, or (2) have an insulator placed in the guy not less than 3 inches nor more than 6 inches above the messenger and/or cable, and a wood guard or equivalent placed on the messenger and/or cable.