

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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R E S O L U T I O N

RESOLUTION NO. E-764

PUBLIC UTILITIES DEPARTMENT

DIVISION: Electric

DATE: October 8, 1951

SUBJECT: United States Coast Guard - Permission to Deviate from Rule 92.2 of General Order No. 95.

WHEREAS: The UNITED STATES COAST GUARD having requested, by letter of September 6, 1951, permission to deviate from the provisions of Rule 92.2 of General Order No. 95 to the extent necessary to permit the installation and maintenance of a siren warning signal control circuit in the space reserved for police and fire alarm circuits midway vertically between supply and communication conductors on jointly occupied poles, and

WHEREAS: Under the conditions proposed said control circuit is electrically and physically similar to ordinary police and fire alarm circuits,

IT IS FOUND that the requested permission should be granted and good cause appearing,

IT IS ORDERED that the United States Coast Guard be and is hereby authorized to deviate from the provisions of Rule 92.2 of General Order No. 95 to the extent necessary to install and maintain a siren warning signal control circuit on utility poles in accordance with the following provisions:

92.2 MUNICIPAL CONTROL AND SIGNAL, POLICE AND FIRE ALARM CIRCUITS

Municipal control and signal circuits which meet the requirements of Rules 20.5-A, police alarm circuits and fire alarm circuits which are carried on crossarms are permitted to occupy a position between supply circuits of 0-750 volts and other Class C communication circuits provided the police, fire and municipal control or signal circuits have a vertical clearance of not less than 2 feet from each of such circuits and the conductors of such police, fire or municipal control or signal circuits have a clearance of not less than 25 inches from center line of pole and have a weather resistant covering at least equal to double-braid weatherproofing. In lieu of conductors with weather-resistant covering, non-metallic sheathed cable may be used. Where such cable is supported on a messenger, the messenger shall be ungrounded throughout its length and shall be sectionalized by means of insulators placed 6 feet to 9 feet from each attachment to crossarms. Where a 4-foot neutral space is reserved between supply and communication circuit levels on joint poles, it is recommended that police, fire and municipal control or signal circuits, which are installed in accordance with

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WHEREAS:

the foregoing provisions, be at a level at the center of such a neutral space.

Municipal control and signal circuits shall be installed by qualified workmen who are under the supervision of municipal departments that maintain an organization which is responsible for the installation and maintenance of such circuits, or under the supervision of the utility or utilities having ownership in the pole. Such circuits, if composed of open wire conductors, shall consist of not more than two conductors when any other circuit is supported on the same cross-arm and shall consist of not more than four conductors when other circuits are not present on the same crossarm.

Municipal control and signal circuits installed and maintained in accordance with this Rule 92.2 shall be equipped with fuses, circuit breakers or other current limiting devices which will limit the transmitted power carried by such circuits to not greater than 150 watts under any condition, including fault conditions.

Police, fire and municipal control or signal circuits which are less than 25 inches from center line of pole, or are attached to surface of pole, shall have vertical clearances from supply conductors not less than those specified throughout this Order for Class C Communication conductors.

Climbing spaces through and for such circuits shall be coordinated in accordance with the requirements of Rule 93.

The Secretary is directed to cause appropriate notice of the granting of this permission to be given said governmental agency and to the other utilities occupying the same poles.

I hereby certify that the foregoing Resolution was duly introduced, passed and adopted at a regular session of the Public Utilities Commission of the State of California, held on the 8th day of October, 1951, the following Commissioners voting favorably thereon:

R. E. MITTELSTAEDT, JUSTUS F. CRAEMER,
HAROLD P. HULS, KENNETH POTTER,
PETER E. MITCHELL.


Secretary