

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

RESOLUTION NO. E-1011
PUBLIC UTILITIES DEPARTMENT
DIVISION: Electric
February 3, 1959

SUBJECT: Use of Splices in Supply-Communication Line Crossing Spans Where Grade "A" Construction is Required

WHEREAS: GENERAL TELEPHONE COMPANY OF CALIFORNIA, SOUTHERN CALIFORNIA EDISON COMPANY, and THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY, by letters respectively dated May 19, 1955, August 18, 1955, and September 27, 1955, have requested cancellation or modification of Rule 103.1-A of General Order No. 95, which rule prohibits with certain exceptions the use of splices in supply-communication line crossing spans where Grade "A" construction is required, and

WHEREAS: The same grade of construction is required by said order for certain joint pole line construction without any prohibition of splices, which joint pole lines, required to be of Grade "A" construction, are extensive in mileage and afford similar or frequently greater exposure to supply-communication line contacts, and

WHEREAS: An investigation of the relative hazards of contacts in such crossing spans and along such joint pole lines indicates that the safety hazard would be substantially unchanged were said rule modified as hereinafter provided, and good cause appearing,

IT IS HEREBY ORDERED that Rule 103.1-A of General Order No. 95 be changed to read as follows:

103.1 Prevention of Conductor Breakage and Burning of Supports

A SPLICES AND TAPS

- (1) Splices shall not be made or permitted in crossing spans where Grade "A" construction is required unless the mutual consent of all parties involved in such spans is obtained. Nothing contained in this Rule 103.1-A(1) shall be construed as requiring that splices be made, or as granting authority for or permitting the making of splices in such crossing

spans without the consent of all parties owning or operating overhead lines involved in such crossing spans.

- (2) Splices and taps shall, as far as practicable, be avoided in crossing spans where Grade "A" construction is required. If it is impracticable to avoid such splices, they shall be of such type and be so made as to have a strength practically equal to the conductor in which the splice is made. Splices and tap should not be made in spans adjacent to such crossing spans if the crossing span is not dead-ended. Splices or taps in spans adjacent to a Grade "A" crossing span shall, if practical, be placed nearer to the crossing support than the nearest conductor crossed over. This rule is not intended to prohibit splices or taps on the free ends of conductors which are dead-ended in the crossing span.

The Secretary is directed to cause appropriate notice to be given said utility of the granting of such authorization.

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 3rd day of February 1959, the following Commissioners voting favorably thereon:

PETER E. MITCHELL,
MATTHEW J. DOOLEY
REX HARDY
C. LYN FOX

Note Strikeout and Underline Section added by Raymond G. Fugere on April 2, 2002

Original Version
Rule 103.1-A

103.1 Prevention of Conductor Breakage and Burning of Supports

A Splices and Taps

Splices shall not and taps should not be made in crossing spans where Grade " A " construction is required. Splices and taps should not be made in spans adjacent to such crossing spans if the crossing span is not dead ended. Splices or taps in spans adjacent to a Grade " A " crossing span shall, if practicable, be placed nearer to the crossing support than the nearest conductor crossed over. This rule is not intended to prohibit splices or taps on the free ends of conductors which are dead ended at the crossing span.

The provisions of this rule shall not apply to conductor splices which are made by any accepted standard method which has been proved by test before the Railroad Commission to develop practically the full strength of the conductor in which the splice is made.

Strikeout and Underline Version

Rule 103.1-A

103.1 Prevention of Conductor Breakage and Burning of Supports

A SPLICES AND TAPS

~~Splices and taps should not be made in spans adjacent to such crossing spans if the crossing span is not dead ended. Splices or taps in spans adjacent to a Grade "A" crossing span shall, if practicable, be placed nearer to the crossing support than the nearest conductor crossed over. This rule is not intended to prohibit splices or taps on the free ends of conductors which are dead ended at the crossing span.~~

~~The provisions of this rule shall not apply to conductor splices which are made by any accepted standard method which has been proved by test before the Railroad Commission to develop practically the full strength of the conductor in which the splice is made.~~

- (1) Splices shall not be made or permitted in crossing spans where Grade "A" construction is required unless the mutual consent of all parties involved in such spans is obtained. Nothing contained in this Rule 103.1-A(1) shall be construed as requiring that splices be made, or as granting authority for or permitting the making of splices in such crossing spans without the consent of all parties owning or operating overhead lines involved in such crossing spans.
- (2) Splices and taps shall, as far as practicable, be avoided in crossing spans where Grade "A" construction is required. If it is impracticable to avoid such splices, they shall be of such type and be so made as to have a strength practically equal to the conductor in which the splice is made. Splices and tap should not be made in spans adjacent to such crossing spans if the crossing span is not dead-ended. Splices or taps in spans adjacent to a Grade "A" crossing span shall, if practical, be placed nearer to the crossing support than the nearest conductor crossed over. This rule is not intended to prohibit splices or taps on the free ends of conductors which are dead-ended in the crossing span.

Final Version

Rule 103.1-A

103.1 Prevention of Conductor Breakage and Burning of Supports

A SPLICES AND TAPS

- (1) Splices shall not be made or permitted in crossing spans where Grade "A" construction is required unless the mutual consent of all parties involved in such spans is obtained. Nothing contained in this Rule 103.1-A(1) shall be construed as requiring that splices be made, or as granting authority for or permitting the making of splices in such crossing spans without the consent of all parties owning or operating overhead lines involved in such crossing spans.
- (2) Splices and taps shall, as far as practicable, be avoided in crossing spans where Grade "A" construction is required. If it is impracticable to avoid such splices, they shall be of such type and be so made as to have a strength practically equal to the conductor in which the splice is made. Splices and tap should not be made in spans adjacent to such crossing spans if the crossing span is not dead-ended. Splices or taps in spans adjacent to a Grade "A" crossing span shall, if practical, be placed nearer to the crossing support than the nearest conductor crossed over. This rule is not intended to prohibit splices or taps on the free ends of conductors which are dead-ended in the crossing span.