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PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

SAFETY DIVISION  
UTILITIES SAFETY BRANCH

RESOLUTION SU-2  
June 21, 1989

R E S O L U T I O N

ORDER AUTHORIZING CABLEVIEW COMMUNICATIONS, INC.,  
UNDER THE PROVISIONS OF GENERAL ORDER NO. 95, RULE  
15.2, TO MAKE AN EXPERIMENTAL INSTALLATION OF FIBER  
GLASS ARMS TO SUPPORT COMMUNICATION CABLES AND  
MESSENGERS ON WOOD POLES

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SUMMARY

1. By letters dated August 30 and September 26, 1988 from California Cable Television Association (CCTA) consultant, J. J. Biggins, Cableview Communications, Inc., (Cableview), requests authorization under the provisions of Rule 15.2 of General Order No. 95 (G.O.95) for a field trial of fiber glass arms on wood poles.
2. Cableview requests the trial because utility poles often become crowded with electric and communication equipment so that clear climbing and working space is difficult to maintain. The fiber glass arm will hold cables away from the pole and provide added space on the pole. Savings in costs should also result.
3. Authorization to conduct the experiment for six months is granted.

BACKGROUND

1. Cableview requests authorization to make an experimental installation of fiber glass arms on wood poles at five locations in Placer County at Stanley Drive and Christian Valley Road near Auburn.
2. Rule 49.2, Crossarms, of G.O.95 provides for wood, metal and reinforced concrete arms. There is no provision for fiber glass arms.

DISCUSSION

1. CCTA, the trade association representing the cable television industry in California, has expressed an interest in the experimental installation, and will cooperate in the field trial.
2. Pacific Bell and Pacific Gas & Electric Company (PG&E) will cooperate in the field trial.
3. Fiber glass arms of the type to be used in this field trial have been in use in the utility and TV industries in other states. The fiber glass material has proven to be lightweight, durable and economical.

4. Cableview requests that it maintain the experimental installation for a period of six months to evaluate installation methods and integration with other utility equipment on the poles. It will report its results at the end of the six month period.

#### FINDINGS

1. Cableview's request has been reviewed by the Commission's Safety Division staff. The trial should reveal advantages, if any, in safety to workers and the general public and savings in costs where crowding on a pole might require, in the alternative, a change to a taller pole to provide necessary space.

2. We find that Cableview's request is reasonable. The experimental installation should be in accordance with accepted good practice particularly with regard to safety.

3. We find that the proposed cooperation by CCTA, Pacific Bell and PG&E is important. Their evaluation of the trial should address safety in relation to each other's equipment on the poles. Six months should be adequate time to appraise this device.

THEREFORE, IT IS ORDERED that:

1. Cableview is authorized to conduct an experimental installation of fiber glass arms on wood poles in accordance with Rule 15.2 of G.O.95 for a period of six months at five locations in Placer County at Stanley Drive and Christian Valley Road in cooperation with Pacific Bell, PG&E and CCTA.

2. Cableview shall notify the Commission's Safety Division staff not less than 15 days prior to the actual installation of the experimental arms.

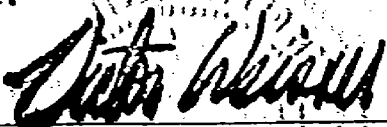
3. At the end of the six month field trial Cableview, CCTA, Pacific Bell and PG&E shall file a joint report to the Commission which shall:

- a. Evaluate adequacy and safety of the arms, and
- b. Recommend whether provisions for fiber glass arms should be included in G.O.95 for all operators of overhead lines statewide, and
- c. Include other comments or recommendations.

4. This Resolution is effective today.

I hereby certify that this Resolution was adopted by the Public Utilities Commission at its regular meeting on June 21, 1989. The following Commissioners approved it.

G. MITCHELL WILK  
 President  
 FREDERICK R. DUDA  
 STANLEY W. HULETT  
 JOHN B. OHANIAN  
 PATRICIA M. ECKERT  
 Commissioners

  
 Executive Director