

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

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RETURN TO ELECTRIC DIVISION

R E S O L U T I O N

RESOLUTION NO. E-709

PUBLIC UTILITIES DEPARTMENT

DIVISION: Electric

DATE: July 11, 1950

SUBJECT: Permission to Deviate from Provisions of Rule 58.2-A of General Order No. 95 and Approval of Infraction Clearing Program.

WHEREAS: PACIFIC GAS AND ELECTRIC COMPANY having requested authorization, by letter of November 22, 1949, to continue in service constant current transformers of 5 kw rating then installed at 223 locations in San Francisco, said locations being specifically set forth in said letter, the use of said transformers not being in compliance with this Commission's General Order No. 95 or its predecessors; and having further requested permission, by letter of June 8, 1950, to deviate from the provisions of Rule 58.2-A of General Order No. 95 with respect to said transformers and their associated street lighting circuits to the extent necessary to consummate a program for the clearing of infractions of the rules governing such facilities; and

WHEREAS: Said company has proposed a program for the clearing of the aforesaid infractions and has requested approval of such program, and

WHEREAS: Considerable investigation of the aforesaid and related matters, including laboratory testing of protective devices, has been made and the engineers of the company and the Commission's staff have mutually determined that with suitable protective devices and suitable unloading of circuits the essential degree of safety will be provided, and

IT APPEARING that the most favorable solution to the problem, without economic waste, will result from the proposed program and requested deviation,

IT IS FOUND that the requested permission and approval should be granted subject to certain restrictive conditions, and good cause appearing

IT IS ORDERED that Pacific Gas and Electric Company be and is hereby granted permission to deviate from the provisions of Rule 58.2-A of General Order No. 95 to the extent necessary to continue in service constant current transformers of 5 kw rating, at the 223 specific locations set forth in or appended to its letter of November 22, 1949, for supply to street lighting circuits carried in 0-750-volt conductor positions, provided all of the following conditions are met:

1. Any circuit supplied from such transformers shall be reconstructed or otherwise rearranged so that a full-load voltage of not to exceed 675 volts will result, and

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2. The company shall initiate and continue a routine testing of the full-load voltage on each of such transformers on an annual basis and shall preserve records of such testing for a period of not less than two years following each test, and
3. Every such transformer shall be equipped with an open circuit protective device constructed, fitted and maintained in the manner shown on the company's Drawing No. 015150, and
4. Constant current transformers of 5 kw or larger rating shall not be installed at any location other than the aforesaid 223 locations to supply circuits carried in 0-750-volt conductor positions.

IT IS FURTHER ORDERED that Pacific Gas and Electric Company shall complete the work necessary to bring the above mentioned transformers and circuits into compliance with the foregoing conditions prior to July 1, 1951.

The Secretary is directed to cause a certified copy of this resolution to be mailed to Pacific Gas and Electric Company.

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 11th day of July, 1950, the following Commissioners voting favorably thereon:

P. E. MITTELSTAEDT, JUSTUS F. CRAEMER,
IRA H. ROWELL, HAROLD P. HULS,
KENNETH POTTER.

[Handwritten Signature]
Secretary