

PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

RESOLUTION NO. 1-873

Copy for:

RETURN TO ELECTRIC SECTION

UTILITIES DIVISION

Orig. & Copy
to Secretary

SECTION: Electric

R E S O L U T I O N

DATE: January 18, 1955

- _____
Director
- _____
Numerical File
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Alphabetical File
- _____
Accounting Officer

SUBJECT: Permission to Deviate from Provisions of Rule 58.4-C of General Order No. 95.

WHEREAS: PACIFIC GAS AND ELECTRIC COMPANY, by letter dated January 10, 1955, having requested authorization to deviate, on a temporary basis, from Rule 58.4-C of General Order No. 95 with regard to the grounding of cases of the capacitor bank assembly and associated supporting rack of pole-mounted 12-kv switched shunt capacitor banks now installed and proposed to be installed in the near future, and

WHEREAS: Such capacitor banks have only recently been installed on said company's system for the purpose of improving power factor and voltage levels and reducing energy losses on long distribution lines, and

WHEREAS: Since the installation of such capacitor banks certain failures of the associated switches and control wiring equipment and pole fires have occurred which subsequent tests indicate would not have occurred had the capacitor cases as constructed been effectively grounded as herein requested, and

WHEREAS: Electrical tests and analyses of conditions relating to the hazards to employees working on poles in the vicinity of such capacitor banks and on associated control wiring under existing conditions have been made by company engineers, and

WHEREAS: In the light of the company's operating experience gained since the installation of said capacitor banks and from analyses presented of said tests by said letter and enclosures, it appears that safety to workmen, employees, and the public will not be lessened if said capacitor banks are grounded as herein requested, and

It appearing that authorization of the company's temporary request for deviation is justified and good cause appearing, therefore;

IT IS HEREBY ORDERED that Pacific Gas and Electric Company be and is hereby granted authority to deviate from the requirements of General Order No. 95, Rule 58.4-C to the following extent and under the following conditions:

1. The cases of the capacitor bank assembly and associated rack of 12-kv switched shunt capacitor banks constructed in accordance with Drawing No. 032308, Sheet 4, enclosed with the company's letter dated January 10, 1955, now in service and those installed within the time period applicable to the authorization herein granted, may be effectively grounded.

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RESOLUTION NO. E-873

PUBLIC UTILITIES DEPARTMENT

DIVISION: Electric

DATE: January 18, 1955

R E S O L U T I O N

SUBJECT:


WHEREAS:

2. Each such capacitor bank grounded as herein authorized shall be marked with a sign to read "Warning - Capacitor Rack Grounded"; said sign to be placed on the climbing space side of the pole on the heel arm.
3. On existing and proposed installations of said capacitor banks, grounded as herein authorized, a vertical clearance of four feet shall be provided and maintained between the lowest grounded surface of said capacitor bank assembly and associated rack and the next level of conductors below.
4. The authority herein granted shall expire December 31, 1955.

The Secretary is hereby directed to cause appropriate notice to be given to Pacific Gas and Electric Company of the granting of this 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 18th day of January, 1955, the following Commissioners voting favorably thereon:

PETER E. MITCHELL, JUSTUS F. CRAEMER,
RAY E. UNTEREINER, MATTHEW J. DOOLEY.


Secretary