

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



April 28, 2009

Janine Watkins-Ivie, Director
Regulatory Policy and Affairs
Southern California Edison (SCE)
P.O. Box 800
Rosemead, CA 91770

CPUC File No.: E2008-18

SUBJECT: Electric Audit of SCE's Barstow District

On behalf of the Utilities Safety and Reliability Branch of the California Public Utilities Commission (CPUC), I conducted an electric audit of SCE's Barstow District on November 17 - 20, 2008. The audit included a review of your records for the period of 2005 - 2008 and a follow-up inspection in areas where SCE recently performed detailed inspections of overhead and underground facilities.

During the audit, I found that SCE did not document all General Orders (GOs) 95 and 128 violations at the time of its inspections. Attached to this letter is a list of violations. In addition, during the audit, I requested inspection records of SCE's poles numbered CEP26997S, CEP33083 and 33684E. I still have not received the records.

Please advise me within 30 days of corrective measures taken by SCE regarding the above violations. If you have any questions, please contact me at (213) 576-5700.

Sincerely,

A handwritten signature in black ink, appearing to read "KW Tong".

Kan-Wai Tong
Utilities Engineer
Utilities Safety and Reliability Branch
Consumer Protection and Safety Division

Cc: Melvin Stark, Maintenance and Inspection Organization - SCE
1444 E. McFadden Avenue, Santa Ana, CA 92705

Enclosure: Inspection Report

Inspection Report

List of GOs 95 and 128 violations that were observed during the field portion of the electric audit of SCE's Barstow District and were not documented by SCE.

GO 95, Rule 51.6A, High Voltage Marking

Rule 51.6A states:

“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs. This marking shall consist of a single sign showing the words “HIGH VOLTAGE”, or pair of signs showing the words “HIGH” and “VOLTAGE”, not more than six (6) inches in height with letters not less than 3 inches in height. Such signs shall be of weather and corrosion-resisting material, solid or with letters cut out therefrom and clearly legible.”

- Pole 1730262E supported line conductors of more than 750 volts and was not marked with high voltage signs.

GO 128, Rule 31.6, Sealing Service Laterals

Rule 31.6 states:

“Service conduits, by which water may enter buildings, shall be suitably plugged or sealed at the source of supply such as utilities’ transformer or secondary handhole, and at the supply end of the conduit that enters the bottom of customer’s terminating enclosure.”

- Pad-mounted transformer number 5456519 had an uncapped riser.

GO 128, Rule 34.3A, Self-contained Surface-mounted Equipment

Rule 34.3A states:

“The equipment case or enclosure shall be secured in place and be of sufficient strength to resist entrance or damage to the equipment by unauthorized persons.”

- The pad-mounted transformers numbered 5011484 and 5456519 were not bolted down.

GO 165, Appendix A, Electric Company System Inspection Cycles

GO 165, Appendix A, requires SCE to perform detailed inspections, patrols and intrusive tests on its facilities, and maintain records of inspection activities which shall be made available to parties or pursuant to Commission rules upon 30 days’ notice.