

PUBLIC UTILITIES COMMISSION

100 MARKET STREET
SAN FRANCISCO, CA 94102-3298



November 12, 2009

Melvin Stark
Manager, Maintenance & Inspection
Southern California Edison
2885 W. Foothill Blvd.
Rialto, CA 92376

SUBJECT: Electric Audit of SCE's Santa Catalina Island District

Dear Mr. Stark:

On behalf of the Utilities Safety and Reliability Branch of the California Public Utilities Commission, I conducted a General Order (GO) 95 & 128 Inspection of Southern California Edison (SCE) Santa Catalina Island District from November 2 – 6, 2009. The audit included a review of SCE's records and field inspections of those SCE facilities in the district that had been recently inspected by SCE staff.

During the audit, I identified violations of GO 95 & 128. A copy of the inspection summary itemizing the violations is enclosed. Please advise me no later than December 9, 2009, by electronic or hard copy, of all corrective measures taken or will be taken by SCE regarding the violations and the date they were or will be corrected.

If you have any questions, please contact me at (213) 576-6850.

Sincerely,

A handwritten signature in black ink, appearing to read "Derek Fong".

Derek Fong
Utilities Engineer
Utilities Safety and Reliability Branch
Consumer Protection and Safety Division

Enclosure: Audit Summary

Cc: Moses M. Varela, Manager Program Contract 3, DIMP

AUDIT SUMMARY

Company: SCE – Santa Catalina Island District

G.O. 95 & 128 Audit

Date: November 2 – 6, 2009

The following violations were observed:

1. Location: "P.P. 65' S/O Tremont St. 297' W/O Summer Av."
Pole No. X10135E

GO 95, Rule 51.6A: High Voltage Marking

"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 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".

This pole is missing a high voltage sign.

2. Location: "P.P. 5' N/O Pri. Rd. 555' W/O Country Club Rd."
Pole No. X10140E

GO 95, Rule 51.7: Stepping (supporting supply lines)

"The lowest step on any stepped pole, tower or structure shall be not less than 7 feet 6 inches from the ground line and above this point the spacing between steps on the same side of pole, tower, or structure shall not exceed 36 inches".

This pole was found to have a damaged pole step. This violation was corrected during the audit.

3. Location: "Tremont St. S/S 842' W/O Sumner"
Pole No. 1492310E

GO 95, Rule 54.8C(4): Above or below Supply Service Drops

"The radial clearance between communication service drop conductors and supply service drop conductors may be less than 48 inches as specified in Table 2, Column C, Cases 4 and 9; Column D, Cases 3 and 8, but shall be not less than 24 inches. Where within 15 feet of the point of attachment of either service drop on a building, this clearance may be further reduced but shall be not less than 12 inches".

This pole was found to have a service drop that did not have at least two feet separation from a communication conductor at a point over fifteen feet from the point of attachment. This violation was corrected during the audit.

4. Location: "West Whittley Av. N/S at W/L/O East Whittley (ext)"
Pole No. 521989H (service drop to residence at 374 Whittley Av.)

GO 95, Rule 54.8C(4): Above or below Supply Service Drops

"The radial clearance between communication service drop conductors and supply service drop conductors may be less than 48 inches as specified in Table 2, Column C, Cases 4 and 9; Column D, Cases 3 and 8, but shall be not less than 24 inches. Where within 15 feet of the point of attachment of either service drop on a building, this clearance may be further reduced but shall be not less than 12 inches".

This pole was found to have a service drop that did not have at least one foot separation from a communication conductor at a point within fifteen feet from the point of attachment. This violation was corrected during the audit.

5. Location: "West Whittley Av. N/S at W/L/O East Whittley (ext)"
Pole No. 521989H (service drop to residence at 364 Whittley Av.)

GO 95, Rule 54.8C(4): Above or below Supply Service Drops

"The radial clearance between communication service drop conductors and supply service drop conductors may be less than 48 inches as specified in Table 2, Column C, Cases 4 and 9; Column D, Cases 3 and 8, but shall be not less than 24 inches. Where within 15 feet of the point of attachment of either service drop on a building, this clearance may be further reduced but shall be not less than 12 inches".

This pole was found to have a service drop that did not have at least one foot separation from a communication conductor at a point within fifteen feet from the point of attachment. This violation was corrected during the audit.

6. Location: "W. Whittley Ave. N/S 600' W/O E. Whittley Ave."
Pole No. 1492513E

GO 95, Rule 54.8C(4): Above or below Supply Service Drops

"The radial clearance between communication service drop conductors and supply service drop conductors may be less than 48 inches as specified in Table 2, Column C, Cases 4 and 9; Column D, Cases 3 and 8, but shall be not less than 24 inches. Where within 15 feet of the point of attachment of either service drop on a building, this clearance may be further reduced but shall be not less than 12 inches".

This pole was found to have a service drop resting on top of a communication conductor. Supply service drop must have at least one feet separation from a communication conductor at a point within fifteen feet from the point of attachment. This violation was corrected during the audit.

7. Location: "Falls Canyon Rd. 200' W 1700' N/O Avalon Canyon Rd."
Pole No. 1491906E

GO 95, Rule 35: Tree Trimming

"Where overhead wires pass through trees, safety and reliability of service demand that tree trimming be done in order that the wires may clear branches and foliage by a reasonable distance... Communication and electric supply circuits, energized at 750 volts or less, including their service drops, should be kept clear of limbs and foliage..."

This pole was found to have a service drop that was being deflected by a tree branch. This violation was corrected during the audit.

8. Location: "E. Whittley Av. S/S, 243' S/O W. Whittley Av."
Equipment No. 5408675 (PAD)

While verifying recently inspected facilities at the above address I discovered the following violation. The violation was not noted by SCE staff on May 27, 2008, while they were inspecting these facilities.

GO 128, Rule 34.3A: Strength (Supply only)

"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 area of the enclosure where a bolt is holding the left side of the enclosure to the pad was found to have been corroded and deformed. This violation was corrected during the audit.