

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE

SAN FRANCISCO, CA 94102-3298



December 10, 2012

Robert F. LeMoine
Manager, Maintenance & Inspection
Southern California Edison (SCE)
3 Innovation Way
Pomona, CA 91768

EA2012-033

SUBJECT: Electric Audit of SCE's Whittier District

Dear Mr. LeMoine:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission, Derek Fong and Richard Kyo of my staff conducted an audit of SCE's Whittier District from October 22, 2012 to October 26, 2012. The audit included a review of SCE's records and field inspections of SCE's facilities.

During the audit, my staff identified violations of one or more General Orders. A copy of the audit summary itemizing the violations is enclosed. Please advise me no later than January 18, 2013 by electronic or hard copy, of all corrective measures taken by SCE to remedy and prevent such violations.

If you have any questions, you can contact Derek Fong at (213) 576-6850 or derek.fong@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Raffy Stepanian".

Raffy Stepanian, P.E.
Program Manager
Electric Safety and Reliability Branch
Consumer Protection and Safety Division

Enclosure: Audit Summary

CC: Raymond Fugere, Program and Project Supervisor, CPUC

AUDIT SUMMARY

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| 1. | Location: | Whittier District |
| | Date of CPUC Inspection: | 10/22/2012 |
| Explanation of Violation(s): | | |
| <u>Late Work Orders</u> | | |
| <p>GO 165, Section IV, Standards for Inspection, Record-keeping, and Reporting, States in part:</p> <p style="text-align: center;"><i>For all inspections, within a reasonable period, company records shall specify the circuit, area, or equipment inspected, the name of the inspector, the date of the inspection, and any problems identified during each inspection, as well as the scheduled date of corrective action.</i></p> <p>SCE records indicated that from 2009 to 2012, 267 work orders were completed late. Additionally, in 2012, there were 131 open/past due work orders.</p> | | |

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| 2. | Location: | Pole No. 1582546E |
| | Previous SCE Visit Details: | 07/05/2012 |
| | Date of CPUC Inspection: | 10/22/2012 |
| Explanation of Violation(s): | | |
| <u>Reduced Ground Clearance</u> | | |
| <p>GO 95, Rule 37, Minimum Clearances of Wires above Railroads, Thoroughfares, Buildings, Etc., States in part:</p> <p style="text-align: center;"><i>The clearances between conductors, guys, messengers or trolley span wires and buildings, poles, structures, or other objects, shall not be less than those set forth in Table 1, at a temperature of 60 F and no wind.</i></p> <p>An SCE service drop in an area accessible to vehicles had inadequate ground clearance. This violation was not documented when SCE last inspected the pole.</p> | | |

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| 3. | Location: | Pole No. 1581944E |
| | Previous SCE Visit Details: | 07/02/2012 |
| | Date of CPUC Inspection: | 10/22/2012 |
| Explanation of Violation(s): | | |
| <u>Reduced Clearance Between Wires</u> | | |
| <p>GO 95, Rule 38, Minimum Clearances of Wires from Other Wires, states in part:</p> <p style="text-align: center;"><i>The minimum vertical, horizontal or radial clearances of wires from other wires shall not be less than the values given in Table 2 and are based on a temperature of 60° F. and no wind.</i></p> <p>The pole had a SCE guy wire touching a CIP cable. This violation was not documented when SCE last inspected the pole.</p> | | |

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| 4. | Location: | Pole No. 252234E |
| | Previous SCE Visit Details: | 06/27/2012 |
| | Date of CPUC Inspection: | 10/23/2012 |
| Explanation of Violation(s): | | |
| <u>Missing High Voltage Sign</u> | | |
| <p>GO 95, Rule 56.1-A, High Voltage Marking, states in part:</p> <p style="text-align: center;"><i>Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.</i></p> <p>The High Voltage sign on the crossarm was damaged. This violation was not documented when SCE last inspected the pole.</p> | | |

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| 5. | Location: | Pole No. 1154650E |
| | Previous SCE Visit Details: | 06/27/2012 |
| | Date of CPUC Inspection: | 10/23/2012 |
| Explanation of Violation(s): | | |
| <u>Reduced Clearance Between Wires</u> | | |
| <p>GO 95, Rule 38, Minimum Clearances of Wires from Other Wires, states in part:</p> <p style="text-align: center;"><i>The minimum vertical, horizontal or radial clearances of wires from other wires shall not be less than the values given in Table 2 and are based on a temperature of 60° F. and no wind.</i></p> <p>The pole supported a SCE drop with less than 24 inches of radial clearance from a CIP drop beyond 15 feet from the point of attachment. This violation was not documented when SCE last inspected the pole.</p> | | |

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| 6. | Location: | Pole No. M9860Y |
| | Previous SCE Visit Details: | 06/27/2012 |
| | Date of CPUC Inspection: | 10/23/2012 |
| Explanation of Violation(s): | | |
| <u>Reduced Clearance Between Wires</u> | | |
| <p>GO 95, Rule 38, Minimum Clearances of Wires from Other Wires, states in part:</p> <p style="text-align: center;"><i>The minimum vertical, horizontal or radial clearances of wires from other wires shall not be less than the values given in Table 2 and are based on a temperature of 60° F. and no wind.</i></p> <p>The pole supported a SCE drop with less than 12 inches of radial clearance from a CIP drop at the point of attachment. This violation was not documented when SCE last inspected the pole.</p> | | |

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| 7. | Location: | Pole No. 650056E |
| | Previous SCE Visit Details: | 06/20/2012 |
| | Date of CPUC Inspection: | 10/23/2012 |
| Explanation of Violation(s): | | |
| <p data-bbox="191 527 724 558"><u>Reduced Clearance Between Wires</u></p> <p data-bbox="191 600 1317 632">GO 95, Rule 38, Minimum Clearances of Wires from Other Wires, states in part:</p> <p data-bbox="326 674 1479 779"><i>The minimum vertical, horizontal or radial clearances of wires from other wires shall not be less than the values given in Table 2 and are based on a temperature of 60° F. and no wind.</i></p> <p data-bbox="191 821 1349 884">The pole supported a SCE drop touching an SCE guy wire. This violation was not documented when SCE last inspected the pole.</p> | | |