

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298



October 25, 2012

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

EA2012-021

SUBJECT: Electric Audit of SCE's Catalina District

Dear Mr. LeMoine:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission, Koko Tomassian of my staff conducted an Electric Audit of Southern California Edison's (SCE) Catalina District from September 10, 2012 to September 11, 2012. The audit included a review of SCE's records and field inspections of SCE's facilities.

During the audit, my staff found that SCE did not document all General Order (GO) 95 violations at the time of its inspections. A copy of the audit summary itemizing the violations is enclosed. Please advise me no later than November 30, 2012, 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 Koko Tomassian at (213) 576-7099 or koko.tomassian@cpuc.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "R. Stepanian", with a long horizontal flourish extending to the right.

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

Company: SCE – Catalina District

Electric Audit Date: September 10 to September 11, 2012

1.	Location:	Catalina District
	Date of CPUC Inspection:	09/10/12
Explanation of Violation(s):		
<u>Late Work Orders</u>		
<p>GO 95, Rule 18, requires utilities to identify and correct GO 95 violations discovered during their inspections. Rule 18 also requires the utilities to prioritize violations and set a deadline for corrective actions.</p> <p>During the audit, my staff identified seven (7) work orders, from 2009 to 2012, that were completed late.</p>		
<u>Inspection & Maintenance Program Deficiencies</u>		
<p>GO 165, Section III-C, Record-keeping, states in part:</p> <p style="text-align: center;"><i>For all inspections records shall specify the circuit, area, facility or equipment inspected, the inspector, the date of the inspection, and any problems (or items requiring corrective action) identified during each inspection, as well as the scheduled date of corrective action.</i></p> <p>SCE must document all violations of GOs 95 and 128. A violation is a problem because it is a condition that should not exist. Rule 12.2 of GO 95 states in part “lines ... shall be kept in conformity with the requirements of this Order” and Rule 12.1 of GO 128 states in part “Systems and portions thereof ... shall be kept in conformity with the requirement of these rules”. SCE’s Distribution Inspection & Maintenance Program (DIMP) does not require inspectors to identify and document all GO 95 and GO 128 violations, as required by GO 165, thus, allowing violations to exist and creating potential safety hazards.</p>		

2.	Location:	Pole No.: 2319294E
	Previous SCE Visit Details:	August 18, 2010 – OH Detailed Inspection
	Date of CPUC Inspection:	September 10, 2012
Explanation of Violation(s):		
<p><u>Damaged Ground Molding</u> GO 95, Rule 54.6-B, Ground Wires, states in part:</p> <p style="text-align: center;"><i>That portion of the ground wire attached on the face or back of wood crossarms or on the surface of wood poles and structures shall be covered by a suitable protective covering...</i></p> <p>The ground molding covering the ground wire on the pole was damaged. This violation was not documented when SCE inspected the pole.</p>		

3.	Location:	Pole No.: 1492550E
	Previous SCE Visit Details:	July 23, 2010 – OH Detailed Inspection
	Date of CPUC Inspection:	September 10, 2012
Explanation of Violation(s):		
<p><u>Broken “Riser Strap”</u> GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p style="text-align: center;"><i>“Electrical supply and communication systems shall be designed, constructed, and maintained for their intended use, regard being given to the conditions under which they are to be operated, to enable the furnishing of safe, proper, and adequate service.”</i></p> <p>The pole had a broken and unsecured “riser strap.” This violation was not documented when SCE last visited the pole.</p>		

4.	Location:	Pole No.: X10116E
	Previous SCE Visit Details:	July 16, 2010 – OH Detailed Inspection
	Date of CPUC Inspection:	September 10, 2012
Explanation of Violation(s):		
<p data-bbox="196 564 699 596"><u>Damaged/Missing High Voltage Sign</u></p> <p data-bbox="188 638 943 669">GO 95, Rule 56.1-A, High Voltage Marking, states in part:</p> <p data-bbox="285 711 1406 783"><i>“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.”</i></p> <p data-bbox="188 825 1446 886">The High Voltage sign on the crossarm was damaged/missing. This violation was not documented when SCE last visited the pole.</p>		