

## PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE  
SAN FRANCISCO, CA 94102-3298



September 23, 2015

Melvin Stark  
Manager, Maintenance & Inspection  
Southern California Edison (SCE)  
3 Innovation Way  
Pomona, CA 91768

CPUC ID: EA2015-010

**SUBJECT:** Audit of SCE's Santa Ana District

Dear Mr. Stark:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission (CPUC), Richard Kyo of my staff conducted an audit of SCE's Santa Ana District from July 6, 2015 to July 10, 2015. 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 (GOs). A copy of the audit findings itemizing the violations is enclosed. Please advise me no later than October 23, 2015, 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 Richard Kyo at (213) 576-7081 or [richard.kyo@cpuc.ca.gov](mailto:richard.kyo@cpuc.ca.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Fadi Daye".

Fadi Daye, P.E.  
Program and Project Supervisor  
Electric Safety and Reliability Branch  
Safety and Enforcement Division  
California Public Utilities Commission

Enclosure: Audit Findings

Cc: Elizaveta Malashenko, Director, Safety and Enforcement Division, CPUC  
Charlotte TerKeurst, Program Manager, Electric Safety and Reliability Branch, CPUC

## AUDIT FINDINGS

	<b>Location:</b>	SCE Santa Ana District
	<b>Date of CPUC Inspection:</b>	07/06/2015
	<b>Explanation of Violation(s):</b>	
	<b><u>Late Work Orders</u></b>	
	<p>GO 95, Rule 31.1: Design, Construction, and Maintenance, States in part:</p> <p style="padding-left: 40px;"><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>GO 165, Section III-C: Record Keeping, States in part:</p> <p style="padding-left: 40px;"><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's records indicated that from 2012 to 2015, 30 work orders were completed past their scheduled date of corrective action.</p>	

During the field inspections, my staff identified the following violations that were not documented and/or addressed by SCE during its last detailed inspection as required by General Order 165:

1.	<b>Location:</b>	Pole No. 990021E
	<b>Previous SCE Visit Details:</b>	10/06/2014
	<b>Date of CPUC Inspection:</b>	07/07/2015
<b>Explanation of Violation(s):</b>		
<p><b><u>Damaged High Voltage Sign</u></b></p> <p>GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p><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>GO 95, Rule 51.6-A, High Voltage Marking, states in part:</p> <p><i>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.</i></p> <p>A high voltage sign attached to this pole was damaged.</p>		

2.	<b>Location:</b>	Pole No. 1234272E
	<b>Previous SCE Visit Details:</b>	10/06/2014
	<b>Date of CPUC Inspection:</b>	07/07/2015
<b>Explanation of Violation(s):</b>		
<p data-bbox="212 514 946 548"><b><u>Communications Ground Wire in the Climbing Space</u></b></p> <p data-bbox="212 585 1360 619">GO 95, Rule 18-A1c: Resolution of Safety Hazards and GO 95 Nonconformances, States:</p> <p data-bbox="342 657 1487 800"><i>Where a communications company's or an electric utility' actions result in GO nonconformances for another entity, that entity's remedial action will be to transmit a single documented notice of identified nonconformances to the communications company or electric utility for compliance.</i></p> <p data-bbox="212 842 1429 909">A communications ground wire was installed across the climbing space. SCE did not notify the communications company of this GO nonconformance when it last inspected the pole.</p>		

3.	<b>Location:</b>	Pole No. 1276226E
	<b>Previous SCE Visit Details:</b>	10/17/2014
	<b>Date of CPUC Inspection:</b>	07/07/2015
<b>Explanation of Violation(s):</b>		
<p data-bbox="212 520 581 552"><b><u>Illegible High Voltage Sign</u></b></p> <p data-bbox="212 590 1138 621">GO 95, Rule 31.1, Design, Construction and Maintenance, states in part:</p> <p data-bbox="305 663 1382 800"><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 data-bbox="212 846 964 877">GO 95, Rule 51.6-A, High Voltage Marking, states in part:</p> <p data-bbox="305 919 1349 1136"><i>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.</i></p> <p data-bbox="212 1178 1451 1243">A high voltage sign attached to this pole was installed upside down (it appears to have been done intentionally).</p>		