STATE OF CALIFORNIA EDMUND G. BROWN JR., *Governor*

PUBLIC UTILITIES COMMISSION
505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

January 29, 2013

EA2012-036

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

SUBJECT: Audit of SCE's Long Beach 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 Long Beach District from November 26, 2012 to November 30, 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 March 8, 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,

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

Enclosure: Audit Summary

CC: Raymond Fugere, Program and Project Supervisor, CPUC

AUDIT SUMMARY

The following violations that ESRB engineers discovered during the field audit and were not documented and addressed by SCE during its last detailed inspection as required by General Order 165:

1.	**Location:**	Pole No. 2276309E
	Previous SCE Visit Details:	08/29/2012
	Date of CPUC Inspection:	11/26/2012
	Explanation of Violation(s):	
	<u>Inadequate Clearance between SCE Triplex and Communication Service Drop</u> GO 95, Rule 54.8-C4, From Communication Service Drops, states in parts: *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.* An SCE triplex and a communication service drop had less than a 12 inches radial clearance within 15 feet from their point of attachment.	

2.	Location:	Pole No. 4366742E
	Previous SCE Visit Details:	08/29/2012
	Date of CPUC Inspection:	11/26/2012
	Explanation of Violation(s):	
	Loose V-Brace GO 95, Rule 31.1, Design, Construction and Maintenance, states in parts: *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.* The pole had a loose V-brace at the primary crossarm.	

3.	Location:	Pole No. 4336755E
	Previous SCE Visit Details:	04/01/2012
	Date of CPUC Inspection:	11/27/2012
	Explanation of Violation(s):	
	Damaged/Missing High Voltage Sign GO 95, Rule 51.6-A, High Voltage Marking, states in parts: *Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.* The high voltage sign on the crossarm was damaged.	

4.	**Location:**	Pole No. 1402327E
	Previous SCE Visit Details:	04/01/2012
	Date of CPUC Inspection:	11/27/2012
	Explanation of Violation(s):	
	Damaged Riser Coupling GO 95, Rule 31.1, Design, Construction and Maintenance, states in parts: *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.* The pole had a riser with a broken coupling.	

5.	**Location:**	Pole No. 4454745E
	Previous SCE Visit Details:	04/01/2012
	Date of CPUC Inspection:	11/27/2012
	Explanation of Violation(s):	
	Damaged Ground Wire Cover GO 95, Rule 31.1, Design, Construction and Maintenance, states in parts: *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.* The pole had ground wire with a damaged moulding.	

6.	**Location:**	Structure No. P5200918
	Previous SCE Visit Details:	07/02/2012
	Date of CPUC Inspection:	11/29/2012
	Explanation of Violation(s):	
	<u>Padmount Opening</u> GO 128, Rule 34.3-B, Guarding Live Parts, states in parts: *Compartments and enclosures which will, during normal operation, contain exposed live parts shall be designed and installed to prevent a person from passing a wire or other conducting material into such compartment from the outside when it is closed.* The padmount had an opening that would allow a person to pass a wire or other conducting material into the padmount.	