

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
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January 2, 2013

David Siewert
Transmission and Distribution District Supervisor
Los Angeles Department of Water and Power (LADWP)
City of Los Angeles
P.O. Box 51111
Los Angeles, CA 90051-5700

EA2012-034

SUBJECT: Electric Audit of LADWP's Palms District

Dear Mr. Siewert:

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 LADWP's Palms District from November 5, 2012 to November 9, 2012. The audit included a review of LADWP's records and field inspections of LADWP's facilities.

During the audit, we identified violations of General Orders 95 and 165. A copy of the audit summary itemizing the violations is enclosed. Please advise me no later than February 8, 2013, by electronic or hard copy, of all corrective measures taken by LADWP 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 were not documented and/or addressed by LADWP during its last detailed inspection as required by General Order 165:

1.	Location:	Pole No. 574690H
	Previous LADWP Visit Details:	10/31/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Damaged Crossarm</u>		
<p>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>There was a damaged (split) crossarm on the pole.</p>		
2.	Location:	Pole No. 189217M
	Previous LADWP Visit Details:	10/31/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Damaged High Voltage Sign</u>		
<p>GO 95, Rule 51.6A, 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 was damaged.</p>		

3.	Location:	Pole No. 149805M
	Previous LADWP Visit Details:	10/25/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Communication Cable in the Climbing Space</u>		
<p>GO 95, Rule 18-A1c, Resolution of Safety Hazards and GO 95 Nonconformances, States:</p> <p style="text-align: center;"><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>A communication cable was obstructing the climbing space. LADWP did not notify the communications company of this GO nonconformance when it last inspected the pole.</p>		

4.	Location:	Pole No. 303690M
	Previous LADWP Visit Details:	10/25/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Communication Cable in the Climbing Space</u>		
<p>GO 95, Rule 18-A1c, Resolution of Safety Hazards and GO 95 Nonconformances, States:</p> <p style="text-align: center;"><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>A communication cable was obstructing the climbing space. LADWP did not notify the communications company of this GO nonconformance when it last inspected the pole.</p>		

5.	Location:	Pole No. 506231H
	Previous LADWP Visit Details:	10/25/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Inadequate Clearance between LADWP Service Drop and Communication Service Drop</u>		
<p>GO 95, Rule 54.8-C4 , From Communication Service Drops, States:</p> <p style="text-align: center;"><i>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.</i></p> <p>An LADWP electric service drop and a communication service drop had less than a 1 foot radial clearance within 15 feet from the point of attachment of either service drop.</p>		

6.	Location:	Pole No. 804996H
	Previous LADWP Visit Details:	10/25/2012
	Date of CPUC Inspection:	11/06/2012
Explanation of Violation(s):		
<u>Sunken Insulators</u>		
<p>GO 95, Rule 31.1, Design, Construction and Maintenance, States:</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>There were two sunken insulators on the crossarm.</p>		