

PUBLIC UTILITIES COMMISSION

505 VAN NESS AVENUE
SAN FRANCISCO, CA 94102-3298

August 24, 2012

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

EA2012-004

SUBJECT: Electric Audit of SCE's Monrovia District

Dear Mr. LeMoine:

On behalf of the Electric Safety and Reliability Branch of the California Public Utilities Commission, Derek Fong and Koko Tomassian of my staff conducted an audit of Southern California Edison's (SCE) Monrovia District from April 2, 2012 to April 6, 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 September 28, 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 Derek Fong at (213) 576-6850 or derek.fong@cpuc.ca.gov.

Sincerely,

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
John Deng, Technical Specialist 3, SCE, Santa Ana

AUDIT SUMMARY

1.	Location:	Monrovia District
	Date of CPUC Inspection:	04/02/12
Explanation of Violation(s):		
<u>Late Work Orders</u>		
<p>GO 165, Section IV, Standards for Inspection, Record-keeping, and Reporting, States:</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>1400 work orders, from 2009 to 2012, were completed late. At the time of the audit, there were 152 work orders that were open and were late.</p>		
2.	Location:	Pole No. 656569E
	Previous SCE Visit Details:	12/07/2007
	Date of CPUC Inspection:	04/02/2012
Explanation of Violation(s):		
<u>Inadequate Clearance between SCE Down Guy Wire and Service Drop</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.”</i></p> <p>An SCE down guy wire and a service drop were almost touching. This violation was not documented when SCE last visited the pole.</p>		

3.	Location:	Pole No. 851932E
	Previous SCE Visit Details:	12/10/2007
	Date of CPUC Inspection:	04/02/2012
Explanation of Violation(s):		
<u>Customer Shed in the Climbing Space</u>		
GO 95, Rule 54.7, Climbing and Working Space, states in part:		
<i>“Climbing space shall be maintained from the ground level.”</i>		
A customer’s shed was obstructing the climbing space on the pole. This violation was not documented when SCE last visited the pole.		

4.	Location:	Pole No. 1948763E
	Previous SCE Visit Details:	12/10/2007
	Date of CPUC Inspection:	04/02/2012
Explanation of Violation(s):		
<u>Damaged Ground Molding</u>		
GO 95, Rule 54.6-B, Ground Wires, states in part		
<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>		
The ground molding covering the ground wire on the pole was damaged. This violation was not documented when SCE last visited the pole.		
<u>Damaged High Voltage Sign</u>		
GO 95, Rule 51.6-A, High Voltage Marking, states in part		
<i>“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.”</i>		
The High Voltage sign was damaged. This violation was not documented when SCE last visited the pole.		

5.	Location:	Pole No. 4435583E
Previous SCE Visit Details:		02/02/2012
Date of CPUC Inspection:		04/03/2012
Explanation of Violation(s):		
<p data-bbox="191 562 935 596"><u>Third Party Safety Hazard – Broken Lashing Wire</u></p> <p data-bbox="191 634 1084 667">GO 95, Rule 18-B, Notification of Safety Hazards, states in part</p> <p data-bbox="324 709 1474 890"><i>“If a company, while performing inspections of its facilities, discovers a safety hazard(s) on or near a communications facility or electric facility involving another company, the inspecting company shall notify the other company and/or facility owner of such safety hazard(s) no later than 10 business days after the discovery.”</i></p> <p data-bbox="191 928 1325 999">The pole supported a broken communication lashing wire. SCE did not notify the communication company of this safety hazard when it last visited the pole.</p> <p data-bbox="191 1041 610 1075"><u>Abandoned SCE Conductor</u></p> <p data-bbox="191 1113 906 1146">GO 95, Rule 31.6, Abandoned Lines, states in part</p> <p data-bbox="324 1188 1484 1297"><i>“Lines or portions of lines permanently abandoned shall be removed by their owners so that such lines shall not become a public nuisance or a hazard to life or property.”</i></p> <p data-bbox="191 1335 1442 1407">The pole supported an SCE overhead conductor that was abandoned. This violation was not documented when SCE last visited the pole.</p>		

6.	Location:	Pole No. 28851E
	Previous SCE Visit Details:	02/02/2012
	Date of CPUC Inspection:	04/03/2012
Explanation of Violation(s):		
<p data-bbox="191 562 870 594"><u>Communication Cable in the Climbing Space</u></p> <p data-bbox="191 636 1458 667">GO 95, Rule 18-A1c, Resolution of Safety Hazards and GO 95 Nonconformances, States:</p> <p data-bbox="326 709 1425 852"><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="191 894 1458 953">A communication cable was obstructing the climbing space of the pole. SCE did not notify the communication company of this GO nonconformance when it last visited the pole.</p>		

7.	Location:	Pole No. 613050E
	Previous SCE Visit Details:	01/18/2012
	Date of CPUC Inspection:	04/03/2012
Explanation of Violation(s):		
<p data-bbox="191 562 591 596"><u>Damaged Ground Molding</u></p> <p data-bbox="191 634 894 667">GO 95, Rule 54.6-B, Ground Wires, states in part:</p> <p data-bbox="323 709 1459 814"><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 data-bbox="191 856 1476 919">The ground molding covering the ground wire on the pole was damaged. This violation was not documented when SCE last visited the pole.</p> <p data-bbox="191 968 618 1001"><u>Damaged High Voltage Sign</u></p> <p data-bbox="191 1043 992 1077">GO 95, Rule 51.6A, High Voltage Marking, states in part:</p> <p data-bbox="323 1119 1471 1182"><i>“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.”</i></p> <p data-bbox="191 1224 1438 1287">The High Voltage sign was damaged. This violation was not documented when SCE last visited the pole.</p>		

8.	Location:	Pole No. 2288407E
	Previous SCE Visit Details:	01/18/2012
	Date of CPUC Inspection:	04/03/2012
Explanation of Violation(s):		
<p data-bbox="191 562 591 594"><u>Damaged Ground Molding</u></p> <p data-bbox="191 636 894 667">GO 95, Rule 54.6-B, Ground Wires, states in part:</p> <p data-bbox="326 709 1458 814"><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 data-bbox="191 856 1474 919">The ground molding covering the ground wire on the pole was damaged. This violation was not documented when SCE last visited the pole.</p> <p data-bbox="191 968 618 999"><u>Damaged High Voltage Sign</u></p> <p data-bbox="191 1041 992 1073">GO 95, Rule 51.6A, High Voltage Marking, states in part:</p> <p data-bbox="326 1115 1468 1178"><i>“Poles which support line conductors of more than 750 volts shall be marked with high voltage signs.”</i></p> <p data-bbox="191 1220 1468 1283">The High Voltage sign on the pole was damaged. This violation was not documented when SCE last visited the pole.</p>		

9.	Location:	5008717 (BURD)
	Previous SCE Visit Details:	09/16/2011
	Date of CPUC Inspection:	04/04/2012
Explanation of Violation(s):		
<p data-bbox="207 558 1450 590"><u>Buried Underground Residential Distribution (BURD) Opening Blocked by Bushes</u></p> <p data-bbox="207 632 1256 663">GO 128, Rule 17.1, Design, Construction, and Maintenance, states in part:</p> <p data-bbox="342 705 1479 846"><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="207 888 1450 953">The BURD opening was obstructed by bushes. This violation was not documented when SCE last visited the structure.</p>		

10.	Location:	5008714 (BURD)
	Previous SCE Visit Details:	09/16/2011
	Date of CPUC Inspection:	04/04/2012
Explanation of Violation(s):		
<p data-bbox="207 1331 740 1362"><u>BURD Opening Blocked by Bushes</u></p> <p data-bbox="207 1404 1256 1436">GO 128, Rule 17.1, Design, Construction, and Maintenance, states in part:</p> <p data-bbox="342 1478 1479 1619"><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="207 1661 1450 1726">The BURD opening was obstructed by bushes. This violation was not documented when SCE last visited the structure.</p>		

11.	Location:	5008715 (BURD)
	Previous SCE Visit Details:	09/16/2011
	Date of CPUC Inspection:	04/04/2012
Explanation of Violation(s):		
<u>BURD Opening Blocked by Bushes</u>		
<p>GO 128, Rule 17.1, 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 BURD opening was obstructed by bushes. This violation was not documented when SCE last visited the structure.</p>		

12.	Location:	5008716 (BURD)
	Previous SCE Visit Details:	09/16/2011
	Date of CPUC Inspection:	04/04/2012
Explanation of Violation(s):		
<u>BURD Opening Blocked by Bushes</u>		
<p>GO 128, Rule 17.1, 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 BURD opening was obstructed by bushes. This violation was not documented when SCE last visited the structure.</p>		