

Edward L. Clark, Jr.

From: Edward L. Clark, Jr. [ed@theelectricalexpert.com]
Sent: Friday, May 30, 2008 11:20 AM
To: 'Windsor, Howard'; 'mai@cpuc.ca.gov'; 'rst@cpuc.ca.gov'; 'rgf@cpuc.ca.gov'; 'ffd@cpuc.ca.gov'; 'cldavis@sempa.com'; 'Welch, Clay'
Subject: SAFETY WARNING, June 2, Transmission Line 637 Inspection
Attachments: Guy wire requirements.pdf

To all parties associated with Transmission Line 637 inspection scheduled for June 2, 2008. Please advise all participants during the safety meeting of this hazard.

Please put all parties on notice that during the inspection of down guy anchors and down guy attachments that only SDG&E trained high voltage personnel should come in contact, until shunts are applied by SDG&E, for the following reasons:

The down guys are currently tied together with a common bolt on Transmission line 637 that allows for ground current to flow in one anchor and out the other should a system disturbance or fault occur. I have attached a copy of SCE construction methods rule that shows the down guys should be independent of each other, thus preventing current from flowing. Refer to paragraph 6.

Should an inspector or consultant touch one hand on the down guy anchor and the other hand on the down guy, while there is an air gap and a system fault occurs, current could flow into the anchor through his/her arm, through the heart, out the other arm to the down guy, KILLING, OR SERIOUSLY INJURING the person in contact.

Grounding the 69kv primary with the line de-energized DOES NOT PREVENT THIS!!!!

SDG&E employees should take precautions, treat as energized, and shunt the connection between the down guy anchor and down guy to remove the hazard BEFORE INSPECTORS INSPECT!!!!!!!!!!!!!!

Please call me on my cell phone if there are any questions (714) 448-7145

Edward L. Clark, Jr

5582 McFadden Avenue
Huntington Beach, CA 92649
T: 714-448-7145 F: 714-903-4944

Recipient

'Windsor, Howard'

'mai@cpuc.ca.gov'

'rst@cpuc.ca.gov'

'rgf@cpuc.ca.gov'

'ffd@cpuc.ca.gov'

'cldavis@sempra.com'

'Welch, Clay'

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