

**Edward L. Clark, Jr.**

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**From:** Edward L. Clark, Jr. [ed@theelectricalexpert.com]  
**Sent:** Friday, May 30, 2008 11:24 AM  
**To:** 'Welch, Clay'  
**Subject:** RE: Inspection protocol

Thank you Clay,

I am heading out for the day, I sent a safety memo. If you get authorization for me to attend, I would imagine they have set up a location for everyone to enter as to minimize impact to property owner. If you can forward an e-mail with info, I would appreciate.

*Edward L. Clark, Jr*

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**From:** Welch, Clay [mailto:CWelch@sandiego.gov]  
**Sent:** Friday, May 30, 2008 10:57 AM  
**To:** 'ed@theelectricalexpert.com'  
**Subject:** RE: Inspection protocol

I would just send the Safety Bulletin either way. I think your concerns are significant and should be brought to the attention of the parties you mention.

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**From:** Edward L. Clark, Jr. [mailto:ed@theelectricalexpert.com]  
**Sent:** Friday, May 30, 2008 10:55 AM  
**To:** Welch, Clay  
**Subject:** RE: Inspection protocol

Thank you Clay

If you don't mind, I have to leave shortly for the day, should there be an objection, to me going, I would like to send a Safety Bulletin to Howard Windsor (Cal Fire), PUC attendees, and Larry Davis of SDG&E, since this is happening next week so that everyone is on notice of the Hazard

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**From:** Welch, Clay [mailto:CWelch@sandiego.gov]  
**Sent:** Friday, May 30, 2008 10:49 AM  
**To:** 'Harrington, Robin'  
**Cc:** 'ed@theelectricalexpert.com'  
**Subject:** FW: Inspection protocol

FYI – Mr. Clark is interested in attending the inspection as an independent observer. He has been consulting with the City in this matter. Please advise.

R. Clayton Welch  
Deputy City Attorney  
Direct line: 619-533-5839  
E.mail: cwelch@sandiego.gov

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**From:** Edward L. Clark, Jr. [mailto:ed@theelectricalexpert.com]  
**Sent:** Friday, May 30, 2008 9:53 AM  
**To:** Welch, Clay  
**Subject:** RE: Inspection protocol

Regarding the protocol, I don't see any change, and I am disappointed I am not invited as an observer. I would attend on my own, and just observe if I could get access. Here is what I am concerned about.

1. Larry Davis is coordinating the efforts for SDG&E. Larry Davis is who I presented my findings back in October of 2007. There is no doubt that SDG&E does not want me out there.
2. The inspection protocol is insufficient. Absent instruction for SDG&E to be prepared to utilize a chain hoist and grip on all down guys to clearly document arcing, I don't believe SDG&E will deviate from specifically what is outlined in the protocol to allow for adequate documentation.

*If SDG&E does not deviate and allow for adequate inspection and documentation of the down guy attachment, it will be difficult to observe and adequately document with tension on the down guy.*

*“Safety Warning”: While down guys are being inspected, ONLY SDG&E employees should handle moving or touching down guys. If by chance while an air gap is being created between the down guy anchor and the down guy for observation or documentation, and while someone is touching (one hand on the down guy and one hand on the anchor) and a system fault happens to occur at that moment in time, THEY COULD GET ELECTROCUTED!!!!!!*

*Please note, the arcing occurs when a system fault occurs causing ground current. You should be advised that the same thing could potentially happen while someone is touching, the down guy and anchor, not realizing the **DANGER!!!***

*If while touching the anchor and the down guy, with an air gap between the two, and a system fault occurs, ground current could travel to the anchor, in one arm, through the heart out the other arm to the down guy and **KILL** the person making contact.*

*SDG&E should utilize insulated gloves for protection. The utilization of a metal chain hoist or a ground to shunt between the down guy and anchor should be utilized to eliminate this hazard.*

*The fact that SDG&E has not taken precautions and pointed this safety problem out, should tell you that either they don't understand themselves, or this inspection is just a continuation of more of a diversion, which should increase the interest in having the appropriately trained personnel on sight.*

*Please note that the 69kv line being de-energized and grounded does not prevent this problem. It can be very dangerous and should be taken very seriously to prevent the "possibility" of injury.*

3. The down guys at locations 85,86, and 89 have been omitted.
4. I believe that under Items to be tested, Item 2-6 are frivolous if the goal is to confirm the cause of the Witch Fire for the following reason:
  - a. If the conductors were to have come together and caused a 69kv phase to phase fault, the damage would be substantial and with a very high probability to burn the line down. I would be surprised if the lines stayed up in the air. The little tiny specs that caused this inspection I could hardly see with binoculars.

I need your direction on how to confirm everyone, Cal Fire, SDG&E understands this **SAFETY PROBLEM**, so no one gets hurt.

I can send a memo out to all parties,

Once I get confirmation, I can back off, as I definitely feel like the Lone Ranger on this project. You have received my recent transmittal on SCE construction standards confirming my interpretation of GO-95 is correct at that SDG&E is wrong, The reduction in interest in the Witch Creek Fire is concerning.

Please advise

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