

Re: Inertial-dampening systems

Source: <http://sci.tech-archive.net/Archive/sci.physics/2005-02/3834.html>

From: Davorak (*Talk2plant_at_hotmail.com*)

Date: 02/08/05

Date: 8 Feb 2005 08:48:23 -0800

Hansen:

"Uh... I should read the link, I'm going to need some context on that.

I

know from a training video related by a colleague at Los Alamos National

Lab that if you put your hand across the terminals of one of those big 25

kV capacitors you won't be electrocuted— your hand will explode.

"

Well that would be a mind blowing experience. Sorry couldn't resist.

But what would happen if I just put my hand in-between them? Assuming for the moment that it is possible to fit my hand between the terminals with out touching either one. My hand would have a very strong Electric field through it, but as long as there was no arc from the capacitor wouldn't the electrical current in my hand be limited to almost entirely ion movement. Rather than Free electron movement? This is what I picture when looking at the case of a strong electric field caused by a changing magnetic field.