

THERMOGRAFIX

consulting corporation

December 2, 2007

Western Climate Initiative

ATT: Project Manager Patrick Cummins

Cc: Provincial & State Partners

Re: Critical Information regarding climate change objectives

Dear Patrick;

My contact with the members is to supply urgent unprecedented information related to surface temperatures of the earth. Weather is the interaction of water vapour, air pressure and temperature. Any changes in the three factors change weather.

Buildings and development are completed with the idea of not impacting weather by producing heat on the surface of the planet. To ensure this Meteorological Services of Environment Canada provides Architects the regional climatic data. The data determines insulation, energy consumption, emissions, fire integrity, code compliance, insurability, etc and tradesmen install to the standards required to achieve this. Municipalities inspect before occupancy and declarations are signed confirming the building compliance with codes. Insurance companies insure the building and the municipality specific to compliance. Did you know the entire process is designed with temperature, in a calculator, signed off as compliant and never verified? That left meteorologists, climate scientists, etc to come to a scientific conclusion on climate change and if any of the calculated input is wrong, that changes the entire formula.

The completion of over 17,000 hours of research employing the most advanced thermal imaging applications in the world has produced alarming data regarding building performance related to surface temperature. The same UV that burns our skin is in effect burning solar exposed building exteriors. The heat generated was immediate after sunrise and in some cases reaches close to boiling temperature. Buildings designed for 92 degrees F are as high as 198 degrees F. That generated heat changes the entire design of the building and we are responding to the symptoms with ozone depleting refrigerants, massive electrical waste, more emissions, etc. We are not discussing the extreme heat generation atmospherically that is contributing to lower air pressure and changing weather.

The domino effect of the heat generation means fire intensity, weather changes, droughts, freeze thaw cycles, etc.

Here is a link to the Canadian Environment Minister's press release on the progress in the Montreal Protocol - [Link here Environment Canada's Press Release September 2007](#)

191 countries agreed to accelerate the elimination of ozone depletion refrigerants. Here is the UN's response to the meeting.

[Link here United Nations Press Release on Montreal Protocol Meeting September, 2007](#)

I am reporting to the BC Partner as well as the other partners that we are in reality using refrigeration and ozone depletion in 100% of buildings reacting to a heat symptom. California got knocked off the grid treating the indoor symptoms of UV on the exterior, 100% of it is avoidable and within existing code. In BC, UV is causing buildings to take buildings outside design criteria putting them in violation of the criteria passed on from Environment Canada.

The information I will am referring you to is accurate and hardly controversial. It is simply taking temperature out of the calculator and giving professionals a visual of the temperature they are trained to comply with.

Go to <http://www.thermoguy.com/globalwarming-heatgain.html> to see one aspect of building function and <http://www.thermoguy.com/globalwarming-heatloss.html> to see the other. The waste alone is increasing foreign oil dependency.

There isn't a state or province exempt from these solar problems, there are very simple fixes to the problem and at the expense of developers.

The UN meeting in Bali is going to address symptoms and blame economy. While all the countries are represented in Bali, there buildings will be generating extreme atmospheric heat while they treat the symptoms with ozone depletion. We aren't insured for it.

We have reported and asked the BC Environment Minister, Prime Minister Harper, House of Commons, etc for an audience based on an unprecedented environmental urgency, I extend the same to this partnership so you can meet your important objectives. Your consultants will appreciate I have the same background in a calculator, this will give them sight.

Sincerely,

Curtis Bennett
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