

**Before the Los Angeles Unified School District
Los Angeles, California**

Regarding Phase 1A of the Common Core Technology Plan

Date: February 9, 2013
To: Los Angeles Board of Education
From: Ray Pealer
Re: Wireless Safety

My name is Ray Pealer, I am a community health advocate focused on wireless health issues. I have been studying and measuring electromagnetic radiation for over 20 years. I run an educational website entitled: www.wifiinschools.com

WiFi, or wireless internet, emits RF radiofrequency microwave radiation at levels well above which many peer-reviewed scientific studies have reported adverse biological and health effects. This evidence shows, in clear terms, that this kind of radiation is not safe.

Although WiFi has become extremely popular in recent years, many of us aren't aware of how it works. Radiation from a WiFi system is emitted from several sources. First there are the routers which would be placed on ceilings. These continuously emit RF radiation much like having cell towers in the classroom.

Not only do routers emit RF radiation, but so do the many wireless devices that would be held in close proximity to the bodies of children and teachers in the school.

I am including an image of the radiation absorption from wireless laptops. Please recognize that these were large adult men. Imagine what this would look like if these were young children leaning over their computer screens.

It is important to understand that the cumulative exposure to these radiation levels surpasses anything that has been studied thus far. There have been several long-term case control studies looking at cell phones. All have found an increased risk of cancer, even though these covered comparatively little usage, such as 30 minutes a day.

Thirty minutes a day doesn't even address the first period, let alone what these students would be exposed to day after day of long-term, chronic exposure. The fact is WiFi in schools is like having children sit in front of a cell tower all day, everyday.

Children need to have technological learning tools so that they can be prepared for the future. This can be done safely with wired connections. Doing it right may cost more initially, but this is much cheaper than the liabilities the school district will face if it ignores the scientific and medical evidence before it.

Thank you,



Ray Pealer

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