

>>> Helen Sears <polliwog45@yahoo.com> 5/9/2019 12:55 PM >>>

Dear Supervisors,

The proposed 80 foot tower for Manchester is not a good idea. The only concern stated in the plan seems to be one of looks - and that this tower would be "highly scenic" in that it would be designed to look like a pine tree.

What should be of much greater concern is the electromagnetic radiation (EMR), also called electromagnetic frequencies (EMF), such a tower would expose people to over and above what they already have in their daily lives.

This installation would be exactly counter to the Precautionary Principle that Mendocino County has adopted, in which children are to be protected as much as possible. There are bound to be children within range of such a tower. As Sir William Stewart, a WiFi expert in England and creator of the Precautionary Principle, said, "Masts should not impact areas with children - schools, playgrounds, homes."

The research on the health hazards of the electromagnetic radiation used in WiFi, especially 5G, is now so well established that denial is no longer possible. Professor Henry Lai of the University of Washington, who has studied WiFi radiation for 30 years, said, "Two to three thousand studies confirm electromagnetic radiation damage."

Dr. Martin Blank, a professor at Columbia University who researched EMFs for over 30 years, says in his book, "Overpowered: What Science Tells Us About the Dangers of Cell Phones and Other WiFi-age Devices": "Indeed, the World Health Organization (WHO) designated EMF - including power frequencies and radio frequencies - as a possible cause of cancer. While cancer is one of the primary classes of negative health effects studied by researchers, EMF exposure has been shown to increase risk for many other types of negative health outcomes. In fact, levels of EMF thousands of times lower than current safety standards have been shown to significantly increase risk for neurodegenerative diseases (such as Alzheimer's and Lou Gehrig's disease)."

Magda Havas, PhD and researchers at Trent University in Canada, states, "Radio frequency radiation and other forms of electromagnetic pollution are harmful at orders of magnitude well below existing guidelines. Current guidelines urgently need to be re-examined by government and reduced to reflect the state of the science. There is an emerging public health crisis at hand and time is of the essence."

Camilla Rees, MBA, researcher at the University of Toronto and CEO of Wide Angle Health, LLC, states, "The US spends over \$2 trillion dollars on health care each year, of which about 78% is from people with chronic illnesses, without adequately exploring and understanding what factors - including EMF/RF - contribute to imbalances in peoples' bodies in the first place. After reading The BioInitiative Report on the biological effects of electromagnetic radiation, it should come as no surprise to policymakers, given continually increasing levels of EMF/RF exposure in our environment, that close to 50% of Americans now live with a chronic illness."

The American Tumor Society announced last year that 700,000 Americans have been diagnosed with brain tumors, 71.4% of them the kind caused by electromagnetic radiation. And that 70,000 more people will be diagnosed this year.

The California Firefighters Association has announced that, because of the health hazards, it doesn't want cell towers or antennas close to any fire stations. And the LA School District, the second largest in the country, has banned WiFi from all their classrooms out of concern for children and staff. Computers will be hard-wired, and all WiFi gadgets are banned.

Please, rather than expose people to yet more radiation, act to safeguard people and opt instead for the installation of fiber optic cable to connect people to the internet. Fiber optics are completely safe and at least 100% faster than WiFi (see the work of Dr. Susan Crawford of Harvard.).

Thank you.

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Here is some additional research data for your information:

There is no doubt about EMF dangers, no doubt that electromagnetic radiation has a biological impact. EMR/EMFs affect life at the cellular level –

- Causes DNA breakage
- Compromises the Blood-Brain Barrier
- Weakens the immune system
- Produces stress proteins
- Causes inflammation
- Disrupts cell communication
- Alters calcium function
- etc.

The above are well-documented, scientific facts. [2]

The debate comes down to the question – does it matter? And, since people are not dropping dead left and right, we can afford to do some more research, says industry. [3]

**The truth is that there are close to 6,000 scientific, peer-reviewed research papers showing a strong correlation between electromagnetic radiation and a host of diseases and disorders.**

The landmark study from the National Toxicology Program of the US Department of Health and Human Services concluded that there is “*clear evidence*” that radiation from cell phones causes cancer [4,5]. Apart from this website here are some other great resources on EMF dangers:

[The Environmental Health Trust](#): A wealth of both scientific knowledge and practical resources.

[Parents for Safe Technology](#): Many resources including what various countries are doing around the world to create safe school environments

[BioInitiative Report](#)(Updated in 2017): Collates research from around the world.

[Powerwatch](#): Up-to-date information on the health debate and government policies as well as research

[Electromagnetic Health](#): Listen to Interviews with Scientists and Doctors

Technical sheet

The first book on Li-Fi, one of the greatest vectors of technological, social, economic and ecological progress of the coming years. Internet as we know it will disappear. Its expensive infrastructure is outdated. For Gunter Pauli, the solution is Li-Fi (light fidelity), which offers a fast Internet connection - at the speed of light -, ecological, via LED lamps with very low consumption, and especially, unlike Wi-Fi, accessible to everyone: a simple desk lamp can turn into a relay satellite!

Integrating this technological breakthrough into the concept of the "blue economy" of which he is the creator, Gunter Pauli introduces us to this Internet of tomorrow, the Internet of the peoples, which will allow to save our energy, to protect our data and for all and everywhere, to have free and unlimited access to information, education, care, progress, etc., with respect for Nature.