

From: Annemarie <aweibel@mcn.org>
To: pbscommissions <pbscommissions@mendocinocounty.org>
Date: 5/21/2020 12:44 PM
Subject: public comments U_2019-0011 (Nixon)

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 MAY 26 2020

Planning & Building Services

Hi,
 Placing a Caution 2B poster at the base of the tower is not a mitigation.. It is mandated by the FCC and the American National Standards Institute (ANSI) and it is admitting that the research completed by the WHO/International Agency for Research on Cancer (IARC) that classified radiofrequency electromagnetic fields are possibly carcinogenic to humans (Group 2B), based on an increased risk for glioma, a malignant type of brain cancer associated with RF. Neurotoxins such as lead, the pesticide DDT and tobacco are also considered possibly carcinogenic. Many hundreds of studies have found increased oxidative stress (including stress proteins, free radicals and DNA damage) from exposure to low intensity microwave radiation. Many scientists are calling for a reclassification of radio frequency radiation asking that this be upgraded from a Group 2B Possible Carcinogen to a 2A Probable Carcinogen or a Group 1 Known Carcinogen. One of the problems associated with RF radiation has to do with the fact that the exposure is cumulative and non reversible. Microwaves can open the blood-brain barrier and trigger arrhythmia. Even animals, plants, and microbes are reacting to the radiation, and more than one in vitro study has found an increase in DNA double-strand breaks. RF's will have a negative effect on the horses that graze on the property. Communication towers, Wi-Fi, 'smart' wireless utility meters, wireless laptops, baby monitors, cell phones and cordless phones all cause biological effects and adverse health effects. Today, we are exposed to 100 million to 10 billion times more radiation than our grandparents were, and this radiation has been shown to have biological implications in thousands of peer-reviewed studies. Wireless can tamper with, or alter our internal chemistry, since we are essentially a giant antenna.

The FCC allocated a high frequency spectrum for 5G communications utilizing millimeter waves with patents held by defense contractors. 2G, 3G and 4G are patented as communication technologies. 4G/LTE technology used with this tower forms an integral part of the 5G deployment. 5G is up to 10 times faster than 4G, but also more dangerous. Many do not realize that the 2G, 3G, 4G-LTE, Wi-Fi and Bluetooth radiation that's all around us is a huge problem too! 5G is 10 to 100 times stronger than 4G, depending on what's installed at the base stations. 5G can be over 80,000 times more powerful than 4G. There are concerns that the very high-frequency spectrum known as millimeter wavelengths used in early deployments to make 5G a reality could pose adverse health effects for the public.

We will soon have 20 billion more devices, deploy 800,000 5G antennas and launch 20,000 satellites and unmanned drones transmitting 5G signals into air, land and sea 24/7.

The FCC safety limits only protect against thermal effects of microwave radiation, but do not consider the non linear, pulsed, polarized RF's that are causing biological harm. The harmful effects regardless of their frequencies, are now scientifically settled. There have been no

safety studies done by the industry to prove this technology is safe.

Annemarie Weibel

From: Annemarie <aweibel@mcn.org>
To: <pbscommissions@mendocinocounty.org>
Date: 5/21/2020 1:04 PM
Subject: public comments U_2019-0011 (Nixon

Hi,
Fire issues!

Annemarie Weibel

From: Annemarie <aweibel@mcn.org>
To: <pbscommissions@mendocinocounty.org>
Date: 5/21/2020 12:54 PM
Subject: public comments U_2019-0011 (Nixon

Hi,
There is grant application for broadband.

Annemarie Weibel