

ZA 06-17-20
Item #5.a.
2 pages

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El Dorado Storage Center
4700 State Hwy 49
El Dorado, CA 95623

June 4, 2020

County of El Dorado Planning and Building Dept.
Attn: Gina Hamilton
2850 Fairlane Ct.
Placerville, CA 95667

Re: AT&T 147'-foot high Stealth Monopine Wireless Communication Facility

Dear Ms. Hamilton,

My husband and I own El Dorado Storage Center, located at 4700 CA 49 in El Dorado, which is just about a block away from the location of the proposed AT&T 147-foot high stealth monopine wireless communication facility.

Even though older cell towers haven't been shown to produce enough radiation to inflict serious health risks, it has been documented that the closer you are to a cell tower, the more radiation it emits. This greatly concerns me, as this proposed tower would be installed right in the middle of a residential neighborhood, and neighboring businesses. Even though I do not live in this neighborhood, I work here 5 days a week, and do not want to be exposed to any amount of radiation at such a close distance. You just never know what the health risks will be, or how they might manifest in the future.

An even greater concern for my opposition to this cell tower is the inception of 5G wireless. Even though our town currently does not have 5G installed or functioning at this time, it's only a matter of time before it will be. Once that happens, our little community WILL be exposed to major health risks due to the location of this tower.

Here are some facts to consider:

All cell towers emit Radio Frequency (RF) Radiation. There are literally hundreds of peer reviewed scientific studies from around the world that have linked this "non-ionizing" form of electromagnetic radiation to things like cancer, DNA damage (especially in infants and fetuses), and infertility. Within the radio frequency portion of the electromagnetic spectrum, the higher the frequency, the more dangerous the radiation is. None of these details were mentioned in the letter that was sent out.

5G Cell Towers are More Dangerous for Two Main Reasons:

- **First, 5G emits "ultra-high frequencies". The higher the frequency, the shorter the length of each wave. This means more waves hit our bodies in the same amount of time. Previous cellular generations emitted from 1 to 6 GHz frequencies. 5G cell towers may emit frequencies as high as 300 GHz.**

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- **Second, 5G technology requires “ultra-high intensity”. Since the shorter length millimeter waves (MMV) used in 5G do not travel as far (and get obstructed easier), with our current number of cell towers the cell signal will not be reliable. To compensate 5G cell towers will have to emit the lower 3G & 4G waves as well, and many more “mini cell towers” will have to be installed. It is estimated that they will need a mini cell tower every 2 to 8 houses. All of this combined will greatly increase our RF Radiation exposure.**

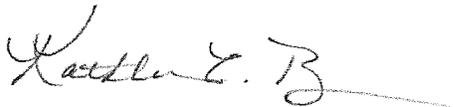
With RF Radiation, how close the source is to our physical bodies is more important than the power level (or wattage) of the radiation. RF Radiation dissipates with distance. In other words, a low powered exposure right next to someone, is more dangerous than a more powerful exposure a long-ways away. Also, the longer the exposure time is, the more dangerous it is. 5G will be the worst of both worlds. We will have more sources around us, and closer to us, and they will be more powerful and continuous emissions.

Therefore, I resolutely OPPOSE the installation of the AT&T 147'-foot high Stealth Monopine Wireless Communication Facility to be installed on Parcel #331-131-012.

We must look ahead and see the future consequences of this action, and how many people this will hurt eventually. These cell towers need to be installed at least a mile away from where people reside and work. There should be absolutely NO exceptions to this knowing that 5G IS coming.

Thank you for your time and consideration. I hope you will oppose this as well.

Respectfully,



Kathleen E. Robson

****scientific studies****: <https://www.radiationhealthrisks.com/scientific-studies/>