

Mackenzi Ray

From: Kelly A Tarango <kellys92t@yahoo.com>
Sent: Thursday, February 22, 2024 11:32 AM
To: Heather Ferris; Planning Department
Cc: J. M. Bloom
Subject: LU-2024-0011

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Dear Heather Ferris,

My name is Jorge Tarango, my wife and I are the owners of the property located at 5364 Sierra Highlands Dr. APN 007-051-66.

I'm writing in regards to Subject: LU-2024-0011 – the recent letter we received of the proposed work of T-Mobil West LLC (“Applicant”) at an existing 98’ tall stealth monopine communication facility site located on our property.

The tower is owned by Crown Castle USA Inc. As part of their business, they lease out tower space to multiple mobile carriers. Currently space is occupied by Dish, AT&T and T-Mobile

My concern is regarding “**Health & Safety**”. There are many articles on the subject of mobile tower radiation. Some say it's not harmful within certain distance of the antennas while others specify the impacts of harmful non-ionizing radiation emitted by mobile towers. some symptoms include cancer, brain tumors and heart attacks within a range of 400 meters.

The effects mentioned above would be harmful within long exposure to RF (Radio Frequency) waves. But most concerning is the immediate harmful interference to medical devices including pacemakers and insulin pumps if the waves are too strong. This is very concerning to us as we have family members with these devises.

The Federal Communications Commission (FCC) has specified safety standards for cell phone towers. But with new technology being implemented most recently, 5G. Furthermore, FCC guidelines are being based on research from the 1980's and only considered Thermal effects not biological effects documented in recent studies. 5G cell towers are more dangerous than other cell towers for two main reasons:

First, compared to earlier versions 5G is Ultra High Frequency and Ultra High Intensity.

Second, 5G waves do not travel as far, the cell signal will not be reliable, to compensate many more mini cell towers must be installed. This will greatly increase public RF radiation exposure.

It is my hope that the Carson City Planning Commission has done its due diligence of assuring that these tower operators have complied with all safety standards outlined by the FCC and any other commission. Additionally, there should be written historical documentation of RF surveys completed by Crown Castle and its tenants with a cumulative report of **all** the antennas transmitting at their peak on this monopine tower.

I have had multiple interactions with Crown Castle operators these last several years and they always have excuses or fault someone else for work issues within my property.

An article I recently read identifies RF waves as the “New Environmental Pollution”. There is not enough historical data as to the long-term radiation effects caused by these towers, there is even **LESS** environmental studies on the short- and long-term effects of new 5G technology.

In conclusion, we do not agree of installation of additional antennas due to safety concerns for our family’s safety we would like to err on the side of caution.

Respectfully,

*Jorge & Kelly Tarango
5364 Sierra Highlands Dr.
Carson City, NV 89705*