

Docket # 2024-00065

Joseph and Heather Clayton,
Mason and Carionna Hall
11525 State Route 69 North
Dundee, KY. 42338

To whom it may concern,

We are writing this letter in response to the proposed plan to construct a cellular tower within 500 feet of our residence. Our household consists of Joseph and Heather Clayton, as well as our adult son, Mason Hall, his wife, Carionna Hall, and their 7 month old baby, Rozlyn Hall.

We moved to this home in 2016 to find a place away from town with a good view. When we bought our home it was outdated and in need of numerous repairs. The primary value in the home as it stood at that time was the amazing sunset views of the Rough River and rolling hills.

Since purchasing the home we have repainted all of the walls and installed new flooring. We have completed a full kitchen and bathroom remodel, fenced the yard, rebuilt the failing deck, and made other updates to make the home livable. All of this has required a substantial investment in addition to the purchase price but we felt that it was a justified investment for the sunset views.

The proposed construction site for this cellular tower would directly interfere with our view and definitely impact our property values. According to the Journal of Real Estate Finance & Economics, May 1, 2018, "Wireless Towers and Home Values: An Alternative Valuation Approach using A Spatial Econometric Analysis" real estate values of homes within view of a cellular tower is reduced on average 9.78% and that reduction affects homes within up to 0.72 KM of the tower.

More importantly, the health effects of constant cellular radiation of the intensity experienced at this distance from a transmitting tower are still uncertain. According to Michael R Neurt, MA, BSME, 2024 "What distance is safe?", exposure to RF radiation is difficult to estimate and must be measured in place for an accurate assessment. Neurt also states that the distance needed to reduce exposures down to the General Public Precautionary Level of 100 microwatts per meter squared can be more than a quarter of a mile. Other studies have cited cancer rates of up to 4x greater within 382 yards of some cell towers. Additional health related impacts correlated to cellular RF radiation include difficulty concentrating, headaches, depression and other mental illnesses or disturbances. Resources generally cite an increased occurrence and risk among young children and infants.

Older research pertaining to cellular radiation often references the fact that cellular radiation is non-ionizing meaning that it does not cause cellular damage and therefore does not cause cancer like nuclear radiation. However, according to Forbes, Jan 16, 2023 "Is 5g Making You Sick", 5g operates at higher frequencies at which the electromagnetic radiation does begin to ionize and becomes even more dangerous. As of 2020 even the American Cancer Society reported that there was insufficient research and evidence to demonstrate that cellular radiation was safe.

We understand the need for cellular towers but we are requesting that a new site is located.

Joseph Marvin Clayton
Heather Clayton
Carionna Hall
Mason Hall

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