EXHIBIT #10

COPY

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SEP 25 2017

PLANNING BOARD
GRAFTON, MA

28 Grafton Common
Grafton, MA 01519
Ph:(508)466-7120
September 22, 2017

Dear Mr. Scully and the Grafton Planning Board:

I would like to express a number of my concerns regarding the proposed Verizon Wireless cell tower being placed within the Grafton Congregational Church, the centerpiece of our town. My name is Barbara Rugo Focht, M.D. and my husband and I own two properties that directly abut the Congregational Church, in addition to our residence on Sibley Street in Grafton. On the one side of the church we own 28 Grafton Common, in which I have run my pediatric practice for since 2011.
I currently care for over 2500 patients, ranging in age from premature newborns through young adults. On the other side of the church we own the house at 1 Church Street, in which reside two premedical students who are working in my practice. Any changes, therefore, that take place within the Congregational Church will deeply affect me personally.

Though my deepest concerns with the proposed cell tower are health related, it is my understanding the health concerns are the weakest arguments in town hearings, thanks to the FCC. So I will begin by addressing some of the other concerns first.

Cell towers add an increased risk of lightening strikes, and therefore an increased risk of fire. How negligent it would be if the original building around which our town was founded would come to preventable harm. Lightening strikes could also disable important computer systems of surrounding businesses,

It is my understanding that Massachusetts law states that, should a town allow one cell phone company to put up a tower in a particular area, requests for the same coming from other cell phone companies must also be honored. Are we opening Pandora's box? Do we want multiple cell towers littered throughout the historic district and surrounding areas?

Are we willing to tolerate the added noise and light pollution that a Verizon Wireless generator, lights, and equipment will cause? Is it fair that residents living next to the quiet Historic District will now have to bear this? There is also literature showing that property values of homes go down after cell towers are erected near them.

I question whether Verizon Wireless even has any actual gaps in coverage in this area of Grafton. None of my staff nor I have ever had any problems with cell coverage at 28 Grafton Common. I have never had any poor coverage with my Verizon Wireless phone at either1 Church Street nor 31 Sibley Street. If coverage is adequate there should be no reason to even consider this proposal. Has Verizon Wireless been required to show the Town of Grafton proof that there is, in fact, significant gaps in coverage? And where are those gaps?

Many insurance companies are now placing disclaimers on their liability should future harm come from cell towers. This may have been driven by future health concerns but may also be related to risks of lightening strikes or fire. So the question should be raised in advance. Should harm come to anyone in the future because of this proposed cell tower, who will be deemed responsible? The church's insurance? The Congregational Church itself? Or will the Town of Grafton, for allowing it to be installed?

What will happen when this cell tower technology becomes obsolete (which it most certainly will)?

Who would be responsible for its costly removal? How would we guarantee now that this will happen then? And has the Congregational Church considered that it may lose its nonprofit status after accepting "rent money" from Verizon Wireless?

Finally, though the FCC has tried to render health concerns as not pertinent, we all recognize that they are ethically of critical importance. This is particularly true when those who are the most vulnerable to those dangers are our babies and children. As a pediatrician I am well aware that all health risks from environmental toxins are magnified in our children. Lead exposure causes the most brain damage in young children. Lung cancer is most likely in those who started smoking cigarettes at an early age. Sunburns greatly increase the risk of skin cancer, especially if they occurred during childhood. And the research is showing that the youngest children exposed to cell phone and cell tower radiation face the greatest increased risks of cancers, infertility, cognitive delays, and other health issues. The World Health Organization lists cell technology as a Class 2B carcinogen.

There is scientific research that suggests that all cell towers be placed at least ¼ mile from people, and at least ½ mile from any people who may have compromised health. Directly next door to the proposed site I serve 2,500 children (and their families) many of who have a variety of health problems. My current patients include a toddler with leukemia, 3 infants with complicated syndromes, 4 premature babies weighing less than 5 pounds, 11 children with Down Syndrome, 7 children with Cystic Fibrosis...and the list goes on. Certainly the health and well being of these children and their families should enter into the decision-making.

I ask you to take all of these issues into consideration as you determine the future of our town. I understand people's selfish desires for more perfect cell coverage, should that need in fact even exist. I understand that the Congregational Church has been struggling financially, and that this potential source of income is being viewed as a blessing. But, for these priorities to take precedence over the health, welfare, and safety of our citizens, is unethical and unconscionable. I ask you to keep our most vulnerable babies and children in your mind as you enter into the decision making process.

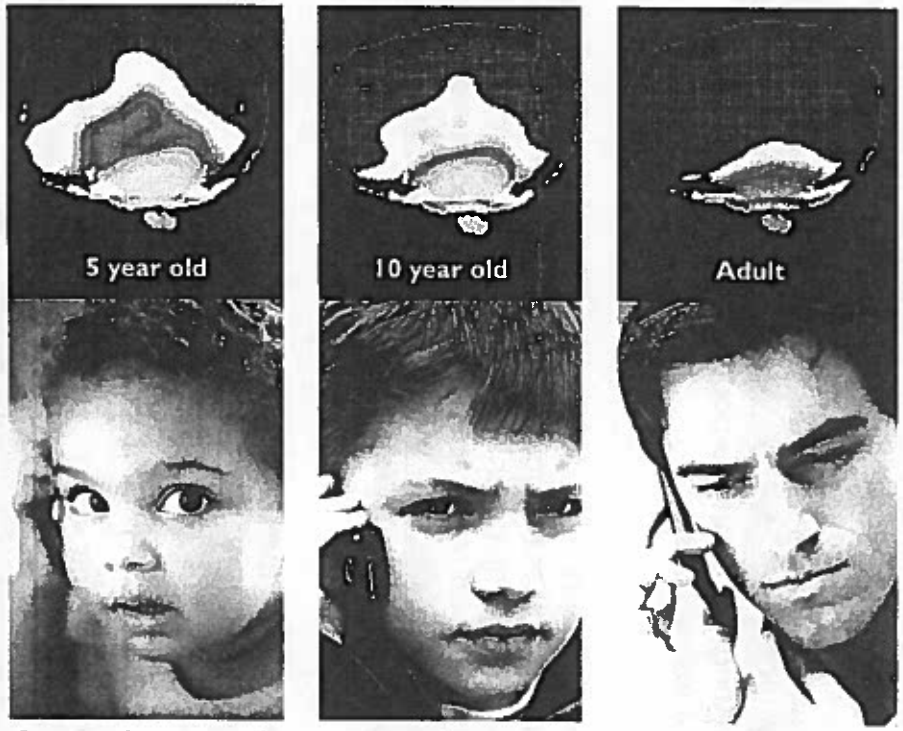
Passionately,

Barbara Rugs Faltt MD

Cell phones are two-way microwave radios that were never properly tested for safety.

Antennas for cell phones are continually searching for signals from towers to send and receive information. The body or brain absorbs about half the radiation emitted from a phone at any time.

Children absorb more radiation than adults



Courtesy Om P. Gandhi and Green America

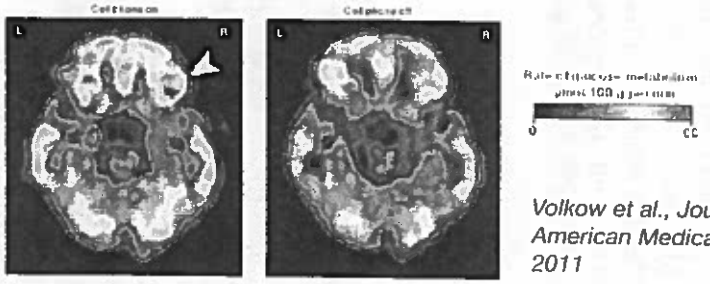
People who use cell phones more than 30 minutes per day (average) for 10 years have a doubled or higher risk of brain cancer. Teenagers who start to use cell phones develop 4 to 5 times more brain cancer in less than a decade. Links to studies can be found at EHTrust.org.

WORLD HEALTH ORGANIZATION (2011)

On May 31, 2011, the World Health Organization/International Agency for Research on Cancer classified the electromagnetic radiation from cell phones as possibly carcinogenic to humans based on an increased risk for glioma, a malignant type of brain cancer, associated with use of mobile phones.

Can Cell Phones Cause Cancer and Disease?

A number of well-designed studies indicate that cell phone use increases cancer risk. Cell phones change the brain. After 50 minutes of holding a cell phone on or next to the ear, the brain of a healthy adult shows significant changes in glucose metabolism—the brain's fuel—at precisely those areas reached by cell phone radiation. The long-term impact of these changes is unknown. Recent research suggests that cell phones, cordless phones, and other wireless devices can also disturb heart rate.

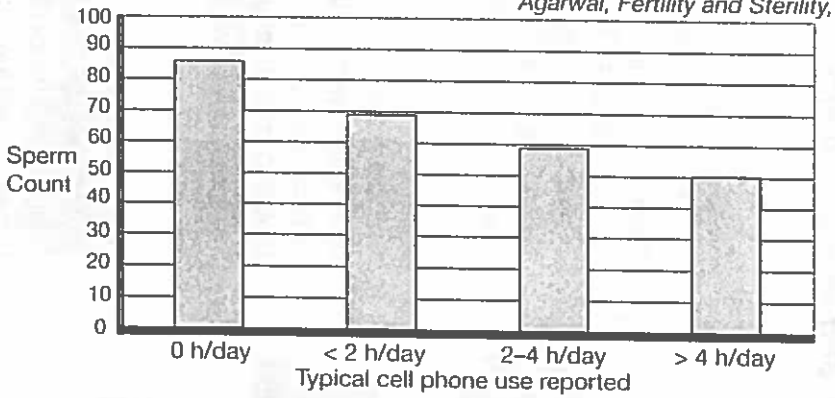


Volkow et al., Journal of the American Medical Association, 2011

Cell Phones Lower Sperm Count

Men who use cell phones 2 to 4 hours per day have 30% lower sperm count than non-users; daily use over 4 hours results in 40% lower sperm count. Studies have shown that microwave radiation can damage sperm.

Agarwal, Fertility and Sterility, 2008



HEALTH CANADA (2011)

"Health Canada reminds cell phone users that they can take practical measures to reduce RF exposure. The department also encourages parents to reduce their children's RF exposure from cell phones since children are typically more sensitive to a variety of environmental agents."

Read The Fine Print

All cell phones and wireless devices instruct that they should be held away from your body.

"Usage precautions during 3G connection : Keep safe distance from pregnant women's stomach or from lower stomach of teenagers. Body worn operation: Important safety information regarding radiofrequency radiation (RF) exposure. To ensure compliance with RF exposure guidelines the Notebook PC must be used with a minimum of 20.8 cm antenna separation from the body."
Samsung 3G Laptop Manual

"To be sure that human exposure to RF energy does not exceed the FCC, IC, and European Union guidelines, always follow these instructions and precautions: Orient the device in portrait mode with the Home button at the bottom of the display, or in landscape mode with the cellular antenna away from your body or other objects." *Apple iPad Manual*

"Keep the BlackBerry device at least 0.59 in. (15 mm) from your body (including the abdomen of pregnant women and the lower abdomen of teenagers) when the BlackBerry device is turned on and connected to the wireless network." *Blackberry Bold 9930 Manual*

"To be sure that human exposure does not exceed the FCC guidelines, always follow these instructions... keep iPhone at least 15 mm (5/8 inch) away from the body, and only use carrying cases, belt clips, or holders that do not have metal parts and that maintain at least 15 mm (5/8) inch separation between the iPhone and the body." To view the information on your iPhone go to Settings > General > About > Legal > RF Exposure.
iPhone 4 Instructions

"Caution: Exposure to Radiofrequency Radiation: The device shall be used in such a manner that the potential for human contact normal operation is minimized. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body." *Belkin WIFI Router Manual*

"In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation." *HP WiFi Printer Manual*

"Caution: To Comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antennae of this device and all persons." *Summer Baby Monitor Manual*

ShowTheFinePrint.org

The Fine Print Manufacturer Warnings

All manufacturers of wireless devices have warnings which describe the minimum distance devices must be kept away from users. For example, the FCC sets exposure limits for laptops and tablets that are tested 20 cm or about 8 inches away from the body. These limits apply to a 220 pound male for 30 minutes.

Instructions to "KEEP A DISTANCE" from the Antennae

Blackberry Bold 9930: "Keep the BlackBerry device at least 0.59 in. (15 mm) from your body (including the abdomen of pregnant women and the lower abdomen of teenagers) when the BlackBerry device is turned on and connected to the wireless network."
iPads: "to be sure that human exposure to RF energy does not exceed the FCC, IC, and European Union guidelines, always follow these instructions and precautions: Orient the device in portrait mode with the Home button at the bottom of the display, or in landscape mode with the cellular antenna away from your body or other objects."
Samsung 3G Laptop: "Usage precautions during 3G connection : Keep safe distance from pregnant women's stomach or from lower stomach of teenagers. Body worn operation: Important safety information regarding radiofrequency radiation (RF) exposure.To ensure compliance with RF exposure guidelines the Notebook PC must be used with a minimum of 20.8 cm antenna separation from the body."
X Box 360 Gaming Console: To comply with IC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.
iPhone 4: " To be sure that human exposure does not exceed the FCC guidelines, always follow these instructions... keep iPhone at least 15 mm (5/8 inch) away from the body, and only use carrying cases, belt clips, or holders that do not have metal parts and that maintain at least 15 mm (5/8) inch separation between the iPhone and the body." To view the information on your iPhone go to Settings > General > About > Legal > RF Exposure.
Belkin WIFI Router Manual: "Caution: Exposure to Radiofrequency Radiation: The device shall be used in such a manner that the potential for human contact normal operation is minimized. This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and your body."
HP Printer: "In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20 cm (8 inches) during normal operation."
Baby Monitor Motorola MBP33: The Baby unit shall be installed and used such that parts of the user's body other than the hands are maintained at a distance of approximately 20 cm (8 inches) or more.

Why are these Fine Print Warnings important?

If these distances are not maintained, people can be exposed to radiation at levels that exceed the current FCC standard, potentially exposing them to thermal exposures. For example a Laptop on the lap could be up to 100 times the FCC level. Since the FCC level only protects us from thermal levels, a greater concern is the long term impact at even lower *non thermal* levels from people sleeping and living in this radiation.