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Colorado Springs

Mr. Charles Parkinson &
Mrs. A Dudley-Owen
President & Vice President
Of Economic Development
Sir Charles Frossard House
La Charroterie
St Peter Port
Guernsey
GY1 1FH

13th August 2019

Re: Proposed 5G rollout Guernsey

Dear Mr. Parkinson & Mrs. Dudley-Owen,

I am pleased to have the opportunity to express my opinion regarding the real adverse health impacts of wireless radiation (EMFs & RFR).

I was one of the first scientists to realize the serious negative health effects of wireless radiation when I was hired with my team by Motorola in the 1990s. At the start the relationship was very cordial, but I am sorry to tell you that when our study found biological effects that resulted from exposure to Motorola cell phone radiation, then the attitude of Motorola changed towards us. For instance when I submitted my final report on DNA damage caused by radiofrequency radiation, Motorola refused to accept the data and urged me not to publish my study. For another study, I was told by Dr. Mays Swicord, director of research at Motorola, to include a statement in a submitted manuscript that, even though I had seen a change in the expression one key gene, that "it's probably of no physiological importance." The bottom line is that I did publish my DNA damage study and I did not alter my statements in any published works as Motorola requested. I never worked with them again these events occurred. Please see my [short interview](#) about my Motorola experience.

As background, I presently hold three titles at the University of Colorado Colorado Springs: Executive Director of Excel Centers, Director of the Excel Science Center, and Professor Attendant of Chemistry & Biochemistry. I earned my B.A. in Chemistry from the University of Colorado at Boulder and my Ph.D. in Biochemistry from Colorado State University, Ft. Collins, CO. I was then a postdoctoral fellow of the American Cancer Society at the McArdle Cancer Research Laboratory (University of Wisconsin, Madison, WI). I began my academic career at the University of Texas at San Antonio. and later moved to the University of Texas Health Science Center in San Antonio, Department of Medicine, Division of Oncology, where I was also Senior Scientist and Director of the Phase I Drug Development Laboratory at the Cancer Therapy and

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Research Center. I then moved to California, where I was a Research Scientist at the Pettis Memorial VA Hospital in Loma Linda, CA, and Research Professor of Pharmacology at the Loma Linda School of Medicine.

I have taught a variety of courses in biochemistry and nutrition, and directed a well-funded, internationally-known research program and have published over 60 research papers, and presented my work in over 70 talks at national and international scientific meetings.

I understand that your residents have asked for the assistance of esteemed world leading experts in this field including Dr. Devra Davis, Professor Anthony Miller & Dr. David Carpenter. I will endeavor to not repeat what they have already told you, but rather I will stress that we are all aligned in our views that the huge accumulation of scientific evidence shows that EMFs are causing huge human and environmental damage.

I have a unique insight how the [\\$1.5+ trillion turnover telecoms industry](#) works and therefore shall be straightforward with you.

I am sorry to advise you that like many other profit hungry industries, they heavily influence regulators and quasi bodies such as FCC and ICNIRP and any industry funded or controlled studies should be reviewed carefully. They more often than not rely on industry views produced from selective concepts that seek to hide the true science.

Regrettably, industry knows how to create generously funded scientifically studies with specific questions that give the answers they want to report. An example is the Danish Cohort Study where 200,000 business users were eliminated and a heavy user was defined as a person using their phone for half an hour per week over 6 months! Other examples are in abundance.

Tens of thousands of independent studies over decades do not lie about the health damage caused by wireless radiation.

I believe that this proposed 5G rollout will be one of the most serious matters you will have to vote on in your careers where the public health is already being harmed with 4G, Wi-fi and cell towers. The exponential detrimental health curve that 5G, with its unnecessary need and use of millimeter military grade frequencies (with masts proliferated on every street and Wi-fi becoming ever more powerful in our homes) is unlimited. New drugs are not allowed to just be launched by anybody (I assume in Guernsey also), but the telecoms industry and friendly government agencies have not invested \$1 on researching 5G and they ignore what experts already have proved, that we are being harmed right now.

I hope that you will grasp the nettle, view the evidence yourselves and study the advice of what experts are telling you so that your children, friends and family will not suffer from the

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consequences of your decision on 5G. I suspect that few of you had prior knowledge around this matter before receiving expert opinions in the past month. This is in one way understandable, but I wonder what due diligence was carried out by your good selves before 3G or even 2G was rolled out? As an independent country, I humbly request that you reject 5G and adopt the legal established principle explicitly incorporated into various laws and regulations in the European Union and various international bodies:

"When an activity raises threats of harm to human health or the **environment, precautionary** measures should be taken even if some cause and effect relationships are not fully established scientifically."

I am sure that a small beautiful country like Guernsey with politicians who proudly protect the public, would not want to inflict any health problems on an unsuspecting and trusting public just to be enticed by a trend created to make the telecoms more money and exert more power and control.

Instead, I would strongly suggest that you firstly educate yourselves and the public on the health risks of living and working near masts, how to safely use their devices and ban Wi-fi wherever possible especially in schools where children are very vulnerable. Telecoms providers should not be selling devices like toys or even to children, but with warnings that these two-way microwave devices (as manufacturers hide in their small print) should not be held near our bodies or heads and cause us harm. Electro-hypersensitivity is real and countries like France (neighbors to Guernsey) has recognized this as an occupational disease. Court cases found against employers around the world are proving this exists and courts are taking this matter seriously. It cannot be swept under the carpet as an estimated 5--10% of the population are suffering from symptoms stemming from EMFs like headaches, fatigue, concentration issues, nausea, dizziness, digestive problems. Italian courts have also found against a telecoms company for an executive suffering a tumor. Litigation is real and mounting.

Like mental health (to which EMFs are a main contributor), which was dismissed for too many years and is now finally recognized as a huge issue, I would hope that you follow the principles of good governance that it is better to be proactively cautious, and hope that you will use this opportunity to consider sensible and effective legislation which protects your valued workforce and citizens from EMFs as well as electro-hypersensitivity going forward.

Technology has amazing benefits when we control it and use the information safely. But surely it cannot be sensible to impose a policy just to download a film in 6 seconds over the health of your residents? What use is having driverless cars or even health monitoring technology if the very technology is causing us real harm? It is possible to develop safe connectivity for instance by going fiber optic which would be achievable on an island of your size.

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Please note that many insurers such as Swiss RE are warning loudly of the dangers ahead and some syndicates of Lloyd's of London and other insurers refuse to underwrite risks associated with EMR wireless exposure. These exclusions can often be found in fine print in domestic insurance and in cell phone instructions which none of us ever read. Does that not concern you?

Please note that the UK (and Guernsey) who follow ICNIRP highest 'thermal' allowable radiation levels in the world (unaltered since 1998) despite all the latest scientific evidence. Other countries do not follow ICNIRP, and I urge Guernsey and its regulator CICRA to make your own prudent policies rather than just following the herd without knowing of the unintended consequences or fully understanding the implications.

If and when the WHO upgrades wireless radiation to be a human carcinogen in the same way as tobacco and asbestos, then what will you say or do to the public if they have suffered any illness through your decision to plough ahead with 5G ignoring the evidence being put in front of you now?

Will NGOs and other well-known bodies such as ICNIRP or even OFCOM indemnify Guernsey if any member of the public becomes ill and later makes a claim and finds out that all this information was at your fingertips?

I would therefore urge you to reject 5G and instead take proper advice from bodies like Environmental Health Trust, study and really consider the superior route to go fully fiber optic and show the world that Guernsey puts public health first. As an aside, your island looks stunning, and many people worldwide will applaud you for joining Brussels, Rome and others on stopping 5G. If I can be of any assistance, please let me know.

Sincerely

A handwritten signature in black ink, appearing to read 'Jerry L. Phillips', with a large, sweeping flourish at the end.

Jerry L. Phillips Ph.D.
jphillip@uccs.edu

Cc Deputies of Guernsey, Dr. Nicola Brink, CICRA, David Green, Colin Vaudin

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